PROVINCE OF BRITISH COLUMBIA

# Minister of Highways

## REPORT

FOR THE FISCAL YEAR

1957/58

Printed by Don McDiarmid, Printer to the Queen's Most Excellent Majesty
in right of the Province of British Columbia.
1958

*To His Honour* FRANK MACKENZIE ROSS, C.M.G., M.C., LL.D.,
*Lieutenant-Governor of the Province of British Columbia.*

MAY IT PLEASE YOUR HONOUR:

Herewith I beg respectfully to submit the Annual Report of the Department of Highways for the fiscal year ended March 31st, 1958, in compliance with the provisions of the "Department of Highways Act."

P. A. GAGLARDI,
*Minister of Highways.*

*Office of the Minister of Highways,*
*Parliament Buildings, October 6th, 1958.*

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## DEPARTMENT OF HIGHWAYS PERSONNEL AS AT MARCH 31st, 1958

*Victoria*

Hon. P. A. Gaglardi, Minister of Highways.

E. S. Jones, Deputy Minister (Chairman, Highway Board).

F. T. Brown, Chief Engineer (Member, Highway Board).

H. T. Miard, Assistant Deputy Minister.

A. J. Bowering, Assistant Chief Engineer (Member, Highway Board).

E. C. Webster, Director of Construction.

J. A. Dennison, Highway Construction Engineer.

J. W. Kerr, Highway Paving Engineer.

W. R. Workman, Records and Estimates Engineer.

E. W. Hall, Statistics Engineer.

E. B. Wilkins, Research and Development Engineer.

J. H. Harding, Senior Traffic Engineer.

C. O. Brawner, Senior Materials and Testing Engineer.

F. E. Dembiske, Special Projects Engineer.

J. P. Hague, Senior Location Engineer.

N. R. Zapf, Assistant Location Engineer.

C. K. Saunders, Senior Bridge Engineer.

J. Alton, Assistant Bridge Engineer.

J. U. Copeman, Bridge Construction Engineer.

F. A. MacLean, Equipment Engineer.

L. J. Moore, Chief Right-of-way Agent.

N. C. Tattrie, Assistant Right-of-way Agent.

H. K. Gann, Superintendent of Ferries.

J. A. Lonsbury, Insurance and Safety Officer.

A. E. Rhodes, Departmental Comptroller.

H. C. Davies, Personnel Officer.

W. F. Conlon, Superintendent of Communications.

J. G. M. Lock, Weigh-scale Supervisor.

F. Howland, Chief Clerk.

*Region No. 1*

D. D. Godfrey, Regional Highway Engineer, New Westminster.

E. J. Garrett, Regional Construction Engineer, New Westminster.

R. G. Harvey, Regional Maintenance Engineer, New Westminster.

F. D. Laronde, District Engineer, 280 Burnside Road West, Victoria (Esquimalt, Saanich).

C. D. Grigg, District Engineer, Nanaimo (Alberni, Nanaimo-Islands, Cowichan-Newcastle).

L. A. Broddy, District Engineer, Courtenay (Comox).

D. E. Finlayson, District Engineer, New Westminster (Burnaby, Dewdney, New Westminster).

G. A. Havers, District Engineer, New Westminster (Delta, Chilliwack).

H. J. Kelsall, District Engineer, Prince Rupert (Prince Rupert, Atlin (South)).

R. B. Gilmour, District Superintendent, Vancouver (Vancouver-Point Grey, Mackenzie, North Vancouver).

C. S. Shaw, District Superintendent, Terrace (Skeena (West)).

V. A. Drew and D. G. Higgs, Right-of-way Agents, New Westminster.

W. R. Jeffs, Mechanical Superintendent, Victoria.

*Region No. 2*

D. R. McLeod, Regional Highway Engineer, Kamloops.

D. J. Gormley, Regional Construction Engineer, Kamloops.

J. W. Pomeroy, Regional Maintenance Engineer, Kamloops.

M. G. Elston, District Engineer, Kamloops (Kamloops).

A. Provenzano, District Engineer, Vernon (North Okanagan).

W. R. MacLean, District Engineer, Merritt (Yale).

J. L. Roe, District Engineer, Salmon Arm (Salmon Arm).

J. M. Hamilton, District Engineer, Penticton (Similkameen).

D. R. Cullen, District Engineer, Williams Lake (Cariboo (South)).

D. C. MacVicar, District Engineer, Lillooet (Lillooet).

A. E. Staite, District Superintendent, Revelstoke (Revelstoke).

W. M. Underwood, District Superintendent, Kelowna (South Okanagan).

H. C. Francis, Right-of-way Agent, Kamloops.

V. L. Gresty, Mechanical Superintendent, Kamloops.

*Region No. 3*

D. F. Martin, Regional Highway Engineer, Nelson.

W. R. Workman, Regional Construction Engineer, Nelson.

R. G. Mulcaster, Regional Maintenance Engineer, Nelson.

A. L. Freebairn, District Engineer, Nelson (Nelson-Creston).

I. J. Stewart, District Engineer, Grand Forks (Grand Forks-Greenwood).

W. M. Sproul, District Engineer, Cranbrook (Cranbrook).

P. B. MacCarthy, District Engineer, Rossland (Rossland-Trail).

M. C. K. Struve, District Superintendent, Fernie (Fernie).

G. R. Kent, District Superintendent, New Denver (Kaslo-Slocan).

G. K. Austin, District Superintendent, Golden (Columbia).

W. D. Morry, Right-of-way Agent, Nelson.

A. R. Irving, Mechanical Superintendent, Nelson.

*Region No. 4*

R. S. Cunliffe, Regional Highway Engineer, Prince George.

M. C. Nesbitt, Regional Construction Engineer, Prince George.

J. W. Morris, Regional Maintenance Engineer, Prince George.

H. A. Gray, District Engineer, Quesnel (Cariboo (North)).

R. W. Gittins, District Engineer, Fort St. John (Peace River (North), Atlin (North)).

A. Park, District Superintendent, Prince George (Fort George).

R. H. Dunlop, District Superintendent, Smithers (Skeena (East)).

P. E. Bishop, District Superintendent, Burns Lake (Omineca (West)).

F. Park, District Superintendent, Vanderhoof (Omineca (East)).

D. C. Westaway, District Superintendent, Pouce Coupe (Peace River (South)).

E. W. Pritchard, Right-of-way Agent, Prince George.

H. O. George, Mechanical Superintendent, Prince George.

# HIGHWAYS REPORT

## REPORT OF THE DEPUTY MINISTER

VICTORIA, B.C., October 6th, 1958.

*The Honourable P. A. Gaglardi,*
*Minister of Highways, Victoria, B.C.*

SIR,—A report of the activities of the Department for the fiscal year 1957/58 is herewith submitted for your consideration.

A total of 184.18 miles were constructed or reconstructed during the year and comprise the following: Trans-Canada Highway, 63.17 miles; Southern Trans-Provincial Highway, 26.80 miles; Cariboo Highway, 25.19 miles; Northern Trans-Provincial Highway, 10.94 miles. Other highways throughout the Province that were constructed or reconstructed comprised 58.08 miles.

During the fiscal year sixty-two bridge projects were completed and work was also in progress on an additional thirty bridges. Ten of the bridges completed during the year are on the Trans-Canada Highway, and sixteen of the thirty in progress are also on the Trans-Canada Highway.

Location and survey work was undertaken, totalling 432.23 miles of preliminary surveys and 134.80 miles of office design and estimates. Aerial reconnaissance mapping of alternate routes for the Castlegar–Meadows Siding relocation of the Southern Trans-Provincial Highway was prepared to facilitate the selection of the route. Aerial mapping was also provided to facilitate the location of the North Thompson Highway route from Blue River to the Alberta Boundary.

There are 22,508 miles of highways under the supervision of this Department, and this mileage comprises 3,538 miles of trunk highways, 2,395 miles of main highways, and 16,574 miles of other roads. In addition to this total, 656.66 miles were classified as arterial or secondary, details of which are shown in statement attached to this Report. Some 14,617 miles of highways were kept clear of snow at a total cost of $1,964,896.50.

A total of 2,879,758 vehicles were carried by the entire ferry system.

The total expenditure for all maintenance on highways, bridges, and ferries amounted to $14,621,938.07.

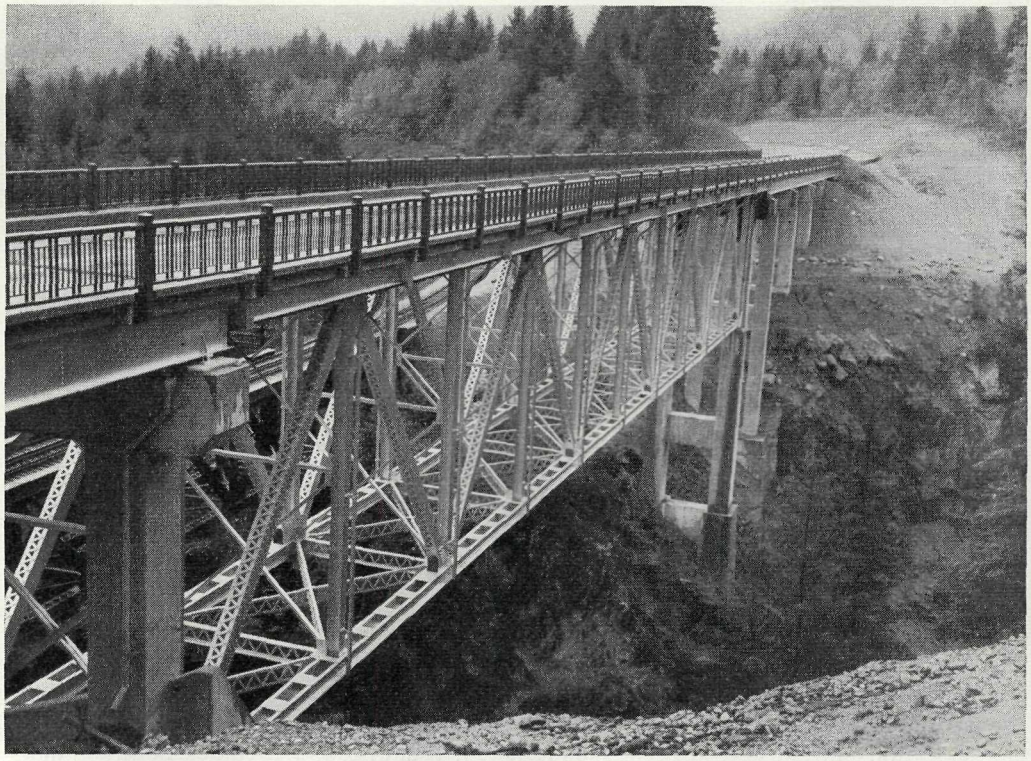
Total construction and reconstruction by day-labour was 367 miles on various highways, 121 miles being on trunk highways, 53 miles on main highways, and 193 miles on other highways. In addition to this mileage, 550 miles were improved. District crews also carried out 144 miles of road-mix paving and 16 miles of seal-coating (on previous pavements).

During the period January 1st, 1957, to December 31st, 1957, there was a total of 2,345 subdivisions handled by the Department.

Where necessary, farmers were allowed to work out tax arrears by contributing to road work.

In conclusion, I may say that a satisfactory year's work has been accomplished, and I wish to record the efficiency, dependability, and loyalty of our staff.

H. T. MIARD,
*Deputy Minister.*



Spuzzum Creek Bridge, Mile 191.2, Trans-Canada Highway.

Craigellachie Overhead Crossing, Mile 446.4, Trans-Canada Highway.

# REPORT OF THE SENIOR BRIDGE ENGINEER

The number of bridge projects completed during the year was sixty-two, a number which surpasses by far any previous record.

Six ferry-landings were also constructed; these were in areas where no such facilities previously existed and will do much to improve transportation facilities and the social amenities in the districts concerned.

Work was also in progress during the year on an additional thirty bridges, which, with a few exceptions, will all be completed during the following fiscal year.

Ten of the bridges completed during the year are on the Trans-Canada Highway, and sixteen of the thirty in progress are also on the Trans-Canada Highway.

Details of the principal bridges constructed or reconstructed during the year are listed elsewhere in the Report.

The total capital expenditure on bridges and ferry-landings was approximately $12,400,000, details of which are to be found in the Statement of Expenditures.

A serious interruption to traffic over the Alaska Highway in the Peace River area occurred in October, when a section of the suspension bridge over the Peace River collapsed through failure of the north anchorage. This bridge was built by the United States Army engineers during World War II and has since been under the control of the Department of National Defence, Canada.

The Government of Canada has undertaken the responsibility of replacing the structure. In the meantime, highway traffic is being diverted over the P.G.E. Railway bridge a short distance up-stream.

In contrast to former years, steel and timber were in good supply, and there was also more competition among contractors for bridge-construction work.

Weather conditions, in general, were very favourable and good progress was made, construction in many cases being carried on through the winter months with little interruption on account of adverse weather.

Two bridge projects for the British Columbia Toll Highways and Bridges Authority were completed and formally opened to the public—the Oak Street and Middle Arm Bridges on June 29th, 1957, and Nelson Bridge on November 7th, 1957.

Work is proceeding satisfactorily on the three other undertakings of the Toll Authority—namely, Second Narrows Bridge, Deas Island Tunnel, and Okanagan Lake Bridge at Kelowna.

## TENDERS RECEIVED AND CONTRACTS AWARDED, FISCAL YEAR 1957/58

### BRIDGES AND FERRY-LANDINGS

| Description of Work and Names of Tenderers | Amount of Tenders at Unit Rates Based on Estimated Quantities | Remarks |
|---|---|---|
| CONSTRUCTION OF STEEL FENCES FOR DIVERS HIGHWAY BRIDGES (1957): | | |
| Tryson & Son Iron Works Ltd. | $50,548.21 | Awarded. |
| A.I.M. Steel Ltd. | $51,884.99 | |
| Western Bridge & Steel Fabricators Ltd. | 59,954.01 | |
| Johnstone Fabricators Ltd. | 60,119.69 | |
| Gilchrist Engineering & Sales Ltd. | 60,905.64 | |
| Dominion Bridge Co. Ltd. | 62,222.21 | |
| Westminster Ironworks Co. Ltd. | 66,417.23 | |
| Blain Boiler Works Ltd. | 67,031.19 | |

## TENDERS RECEIVED AND CONTRACTS AWARDED—*Continued*

### BRIDGES AND FERRY-LANDINGS—*Continued*

| Description of Work and Names of Tenderers | Amount of Tenders at Unit Rates Based on Estimated Quantities | Remarks |
|---|---|---|
| CONSTRUCTION OF ALEXANDRA BRIDGE SUBSTRUCTURE, TRANS-CANADA HIGHWAY, MILE 193.74, YALE DISTRICT: | | |
| General Construction Co. Ltd. | $589,167.00 | Awarded. |
| Dawson, Wade & Co. Ltd. | $679,531.90 | |
| Vancouver Pile Driving & Contracting Co. Ltd. | 685,008.00 | |
| Raymond International Co. Ltd. | 698,048.00 | |
| Manning Construction Ltd. | 708,302.00 | |
| Interior Contracting Co. Ltd. | 713,919.50 | |
| A. E. McEachern Ltd. | 763,885.00 | |
| Barker Construction Co. Ltd. | 780,215.00 | |
| Northern Construction Co. and J. W. Stewart Ltd. | 811,934.00 | |
| Emil Anderson Construction Co. Ltd. | 861,516.00 | |
| Highway Construction Co. Ltd. | 883,096.00 | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 1,092,096.00 | |
| ERECTION OF STRUCTURAL STEEL FOR C.P.R. OVERHEAD CROSSING, TRANS-CANADA HIGHWAY, MILE 464.62, REVELSTOKE DISTRICT: | | |
| Dominion Bridge Co. Ltd. | 19,260.00 | Awarded. |
| Arrow Steel Erectors, Division of Arrow Transfer Co. Ltd. | $24,376.00 | |
| Pacific Steel Erectors Ltd. | 26,250.00 | |
| Western Bridge & Steel Fabricators Ltd. | 27,045.00 | |
| The Bay Co. (B.C.) Ltd. | 27,400.00 | |
| CONSTRUCTION OF CASTLEGAR OVERHEAD CROSSING, SOUTHERN TRANS-PROVINCIAL HIGHWAY, ROSSLAND-TRAIL DISTRICT: | | |
| G. M. Wadds | 57,704.11 | Awarded. |
| Peter Kiewit Sons' Co. of Canada Ltd. | $62,925.60 | |
| Chapman-Long Construction Ltd. | 65,841.40 | |
| Saxton Engineered Structures Ltd. | 68,878.70 | |
| Williscroft Construction Ltd. | 69,928.66 | |
| Holand Construction Ltd. | 73,864.90 | |
| Oglow Bros. Building & Supply Co. Ltd. | 73,957.00 | |
| Interior Contracting Co. Ltd. | 92,831.00 | |
| Concrete Constructors Ltd. | 96,560.00 | |
| McClay Construction Co. Ltd. | 97,417.00 | |
| CONSTRUCTION OF GORGE CREEK AND CRAZY CREEK BRIDGES, TRANS-CANADA HIGHWAY, MILE 447.25 AND MILE 452.45, REVELSTOKE DISTRICT: | | |
| Manning Construction Ltd. | 105,494.00 | Awarded. |
| Mutual Construction Co. Ltd. | $106,932.40 | |
| Concrete Constructors Ltd. | 116,750.00 | |
| McClay Construction Co. Ltd. | 125,318.00 | |
| Kenyon & Co. Ltd. | 166,572.68 | |
| CONSTRUCTION OF SANCA CREEK BRIDGE, SOUTHERN TRANS-PROVINCIAL HIGHWAY, NELSON-CRESTON DISTRICT: | | |
| McClay Construction Co. Ltd. | 113,175.40 | Awarded. |
| Interior Contracting Co. Ltd. | $133,233.90 | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 135,359.00 | |
| Stevens-Douglass Construction Ltd. | 143,809.00 | |
| Barker Construction Co. Ltd. | 153,488.32 | |
| Concrete Constructors Ltd. | 154,809.00 | |
| Manning Construction Ltd. | 158,709.00 | |
| Holand Construction Ltd. | 173,017.00 | |
| CONSTRUCTION OF MCCLYMONT BRIDGE, NORTHERN TRANS-PROVINCIAL HIGHWAY, PRINCE RUPERT DISTRICT: | | |
| *First call for tenders:* | | |
| Blakeburn Engineering Ltd. | 66,177.00 | Tender recalled. |

## TENDERS RECEIVED AND CONTRACTS AWARDED—*Continued*

### BRIDGES AND FERRY-LANDINGS—*Continued*

| Description of Work and Names of Tenderers | Amount of Tenders at Unit Rates Based on Estimated Quantities | Remarks |
|---|---|---|
| CONSTRUCTION OF MCCLYMONT BRIDGE, NORTHERN TRANS-PROVINCIAL HIGHWAY, PRINCE RUPERT DISTRICT: | | |
| *Second call for tenders:* | | |
| Northwest Construction Ltd. | $66,229.80[1] | |
| Saxton Engineered Structures Ltd. | 75,856.44 | Awarded. |
| Blakeburn Engineering Ltd. | $113,684.00 | |
| CONSTRUCTION OF OLD KOOTENAY CHANNEL BRIDGE, SALMO-CRESTON HIGHWAY, NELSON-CRESTON DISTRICT: | | |
| Manning Construction Ltd. | 467,525.00 | Awarded. |
| Barker Construction Co. Ltd. | $488,359.00 | |
| Concrete Constructors Ltd. | 495,199.00 | |
| Vancouver Pile Driving & Contracting Co. Ltd. | 555,810.00 | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 561,740.00 | |
| Fort Construction Ltd. | 598,223.75 | |
| Raymond International Co. Ltd. | 610,600.00 | |
| CONSTRUCTION OF MISSION CREEK BRIDGE NO. 2, GIBSONS-EARL COVE ROAD, MACKENZIE DISTRICT: | | |
| Quadra Construction Co. Ltd. | 49,685.00 | Awarded. |
| Stewart & Dunkley Construction | $53,985.70 | |
| Manning Construction Ltd. | 60,192.00 | |
| Cross Keys Construction Co. Ltd. | 72,876.61 | |
| ERECTION OF STRUCTURAL STEEL FOR MISSION CREEK BRIDGE NO. 2, GIBSONS-EARL COVE ROAD, MACKENZIE DISTRICT: | | |
| The Bay Co. (B.C.) Ltd. | 7,050.00[1] | |
| Arrow Steel Erectors, Division of Arrow Transfer Co. Ltd. | 7,800.00 | Awarded. |
| Dominion Bridge Co. Ltd. | $7,850.00 | |
| Western Bridge & Steel Fabricators Ltd. | 8,978.00 | |
| Tryson & Son Iron Works Ltd. | 13,500.00 | |
| Pacific Steel Erectors Ltd. | 13,987.00 | |
| CONSTRUCTION OF ELLISON OVERHEAD CROSSING, OKANAGAN HIGHWAY, SOUTH OKANAGAN DISTRICT: | | |
| Marpole Construction Co. Ltd. | 57,380.50 | Awarded. |
| General Construction Co. Ltd. | $57,450.00 | |
| Manning Construction Ltd. | 64,262.50 | |
| Kenyon & Co. Ltd. | 77,972.75 | |
| CONSTRUCTION OF MAYNE ISLAND AND GALIANO ISLAND FERRY-LANDINGS AT VILLAGE BAY AND AT MONTAGUE HARBOUR, NANAIMO-ISLANDS DISTRICT: | | |
| Harbour Pile Driving Co. | 124,038.10 | Awarded. |
| Greenlees Pile Driving Co. | $126,479.23 | |
| Pacific Pile Driving Co. | 131,070.00 | |
| CONSTRUCTION OF KITIMAT RIVER, NALBEELAH CREEK AND HUMPHRYS CREEK BRIDGES, TERRACE-KITIMAT HIGHWAY, SKEENA DISTRICT: | | |
| Blakeburn Engineering Ltd. | 359,264.70 | Awarded. |
| G. H. Wheaton Ltd. | $513,365.00 | |
| ERECTION OF STRUCTURAL STEEL FOR HIRSCH CREEK BRIDGE, TERRACE-KITIMAT HIGHWAY, SKEENA DISTRICT: | | |
| Arrow Steel Erectors, Division of Arrow Transfer Co. Ltd. | 32,725.00 | Awarded. |
| Western Bridge & Steel Fabricators Ltd. | $36,090.00 | |
| Pacific Steel Erectors Ltd. | 38,500.00 | |
| Dominion Bridge Co. Ltd. | 38,950.00 | |
| Crowley Construction Co. Ltd. | 42,100.00 | |

[1] Tender rejected as no list of equipment attached.

## TENDERS RECEIVED AND CONTRACTS AWARDED—*Continued*

### BRIDGES AND FERRY-LANDINGS—*Continued*

| Description of Work and Names of Tenderers | Amount of Tenders at Unit Rates Based on Estimated Quantities | Remarks |
|---|---|---|
| CONSTRUCTION OF SAWMILL CREEK BRIDGE, TRANS-CANADA HIGHWAY, MILE 186.34, YALE DISTRICT: | | |
| Manning Construction Ltd. | $55,085.50 | Awarded. |
| Stevens-Douglass Construction Ltd. | $59,752.50 | |
| Chapman-Long Construction Ltd. | 61,466.40 | |
| Holand Construction Ltd. | 66,863.10 | |
| Saxton Engineered Structures Ltd. | 68,668.89 | |
| McClay Construction Co. Ltd. | 70,964.50 | |
| Highway Construction Co. Ltd. | 76,607.20 | |
| Burns & Dutton Concrete & Construction Co. Ltd. | 96,373.50 | |
| ERECTION OF STRUCTURAL STEEL FOR SAWMILL CREEK BRIDGE, TRANS-CANADA HIGHWAY, MILE 186.34, YALE DISTRICT: | | |
| Pacific Steel Erectors Ltd. | 8,653.00 | Awarded. |
| Bickerton Bridge & Steel Erectors Co. | $8,800.00 | |
| Arrow Steel Erectors, Division of Arrow Transfer Co. Ltd. | 9,400.00 | |
| Dominion Bridge Co. Ltd. | 10,428.00 | |
| CONSTRUCTION OF WOODBURY CREEK BRIDGE, NELSON–KASLO ROAD, KASLO-SLOCAN DISTRICT: | | |
| McClay Construction Co. Ltd. | 56,573.10 | Awarded. |
| Holand Construction Ltd. | $68,776.80 | |
| Interior Contracting Co. Ltd. | 76,144.69 | |
| Kenyon & Co. Ltd. | 79,787.80 | |
| CONSTRUCTION OF IRISHMAN CREEK BRIDGE, SOUTHERN TRANS-PROVINCIAL HIGHWAY, CRANBROOK DISTRICT: | | |
| McClay Construction Co. Ltd. | 39,369.70 | Awarded. |
| Interior Contracting Co. Ltd. | $66,759.66 | |
| Dawson, Wade & Co. Ltd. | 74,351.30 | |
| CONSTRUCTION OF C.N.R. OVERHEAD CROSSING AT SAVONA, TRANS-CANADA HIGHWAY, MILE 314.02, KAMLOOPS DISTRICT: | | |
| Craig & Ralston Construction Co. Ltd. | 52,928.60 | Awarded. |
| Mutual Construction Co. Ltd. | $60,698.92 | |
| Holand Construction Ltd. | 61,089.80 | |
| Gilmour Construction & Engineering Co. Ltd. | 64,841.72 | |
| Manning Construction Ltd. | 66,687.08 | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 67,145.20 | |
| Marpole Construction Co. Ltd. | 68,468.00 | |
| Barker Construction Co. Ltd. | 71,841.50 | |
| McClay Construction Co. Ltd. | 74,979.00 | |
| CONSTRUCTION OF SAVONA BRIDGE REDECKING, TRANS-CANADA HIGHWAY, MILE 314.14, KAMLOOPS DISTRICT: | | |
| Dominion Bridge Co. Ltd. | 118,932.55 | Awarded. |
| Western Bridge & Steel Fabricators Ltd. | $152,867.84 | |
| CONSTRUCTION OF NORTH FORK OF EAGLE RIVER, EAGLE RIVER, AND CAMP CREEK BRIDGES, TRANS-CANADA HIGHWAY, MILE 447.51, MILE 455.93, AND MILE 458.28, REVELSTOKE DISTRICT: | | |
| Kenyon & Co. Ltd. | 126,418.02 | Awarded. |
| Manning Construction Ltd. | $137,249.60 | |
| Stevens-Douglass Construction Ltd. | 152,197.80 | |
| Craig & Ralston Construction Co. Ltd. | 141,600.66 | |
| Marpole Construction Co. Ltd. | 169,134.00 | |
| Concrete Constructors Ltd. | 171,712.40 | |
| Barker Construction Co. Ltd. | 171,731.35 | |
| Gilmour Construction & Engineering Co. Ltd. | 272,446.54 | |

## TENDERS RECEIVED AND CONTRACTS AWARDED—*Continued*

### BRIDGES AND FERRY-LANDINGS—*Continued*

| Description of Work and Names of Tenderers | Amount of Tenders at Unit Rates Based on Estimated Quantities | Remarks |
|---|---|---|
| CONSTRUCTION OF WILLOW RIVER BRIDGE, NORTHERN TRANS-PROVINCIAL HIGHWAY, FORT GEORGE DISTRICT: | | |
| Quadra Construction Co. Ltd. | $46,770.00 | Awarded. |
| Star Equipment Co. Ltd. | $47,491.00 | |
| Pacific Pile Driving Co. Ltd. | 50,619.40 | |
| Greenlees Pile Driving Co. Ltd. | 54,592.60 | |
| Burns & Dutton Concrete & Construction Co. Ltd. | 57,442.00 | |
| Manning Construction Ltd. | 58,055.00 | |
| Blakeburn Engineering Ltd. | 76,967.00 | |
| CONSTRUCTION OF CHILAKO RIVER BRIDGE, NORTHERN TRANS-PROVINCIAL HIGHWAY, FORT GEORGE DISTRICT: | | |
| Chapman-Long Construction Ltd. | 41,935.90 | Awarded. |
| Holand Construction Ltd. | $43,412.70 | |
| Quadra Construction Co. Ltd. | 43,519.86 | |
| Manning Construction Ltd. | 43,666.80 | |
| Ben Ginter Construction Co. Ltd. | 45,333.00 | |
| Star Equipment Co. Ltd. | 57,951.20 | |
| Jamieson Construction Co. Ltd. | 64,700.00 | |
| Blakeburn Engineering Ltd. | 89,473.40 | |
| Yukon Enterprise Ltd. | 124,318.73 | |
| CONSTRUCTION OF BARRIERE RIVER BRIDGE, NORTH THOMPSON HIGHWAY, KAMLOOPS DISTRICT: | | |
| Hosco Construction Ltd. | 53,074.58 | Awarded. |
| Mutual Construction Co. Ltd. | $60,238.07 | |
| Craig & Ralston Construction Co. Ltd. | 76,738.70 | |
| Star Equipment Co. Ltd. | 82,888.50 | |
| Jamieson Construction Co. Ltd. | 86,648.65 | |
| CONSTRUCTION OF GRINDROD BRIDGE, GRINDROD–SICAMOUS HIGHWAY, NORTH OKANAGAN DISTRICT: | | |
| Barker Construction Co. Ltd.— | | |
| Alternative 1 | 226,825.00 | |
| Alternative 2 | 227,973.00 | Awarded. |
| Peter Kiewit Sons' Co. of Canada Ltd.— | | |
| Alternative 1 | $226,844.80 | |
| Alternative 2 | 233,097.80 | |
| Commonwealth Construction Co. Ltd.— | | |
| Alternative 1 | 231,731.20 | |
| Alternative 2 | 244,828.20 | |
| Manning Construction Ltd.— | | |
| Alternative 1 | 259,747.90 | |
| Alternative 2 | 247,469.90 | |
| Concrete Constructors Ltd.— | | |
| Alternative 1 | 260,912.90 | |
| Alternative 2 | 256,912.90 | |
| Mutual Construction Co. Ltd.— | | |
| Alternative 1 | 287,124.31 | |
| Alternative 2 | 267,709.00 | |
| Jamieson Construction Co. Ltd.— | | |
| Alternative 1 | 296,997.80 | |
| Alternative 2 | 295,152.80 | |
| Raymond International Co. Ltd.— | | |
| Alternative 1 | 338,608.00 | |
| Alternative 2 | 329,076.00 | |
| Craig & Ralston Construction Co. Ltd.— | | |
| Alternative 1 | 339,365.50 | |
| Alternative 2 | 358,014.50 | |

## TENDERS RECEIVED AND CONTRACTS AWARDED—*Continued*

### BRIDGES AND FERRY-LANDINGS—*Continued*

| Description of Work and Names of Tenderers | Amount of Tenders at Unit Rates Based on Estimated Quantities | Remarks |
|---|---|---|
| CONSTRUCTION OF NICOAMEN RIVER BRIDGE AND SACKUM OVERHEAD CROSSING, TRANS-CANADA HIGHWAY, MILE 249.5 AND MILE 252.5, YALE DISTRICT: | | |
| Dawson, Wade & Co. Ltd. | $124,074.35 | Awarded. |
| Barker Construction Co. Ltd. | $141,813.41 | |
| Highway Construction Co. Ltd. | 146,077.40 | |
| Gilmour Construction & Engineering Co. Ltd. and A. C. McEachern Ltd. | 150,915.00 | |
| Manning Construction Ltd. | 156,140.00 | |
| Narod Construction Ltd. | 160,647.50 | |
| Concrete Constructors Ltd. | 205,096.50 | |
| Holand Construction Ltd. | 219,830.50 | |
| CONSTRUCTION OF TAFT, NINETEEN MILE, AND SUMMIT LAKE OVERHEAD CROSSINGS, TRANS-CANADA HIGHWAY, MILE 452.22, MILE 456.87, AND MILE 467.35, REVELSTOKE DISTRICT: | | |
| Kenyon & Co. Ltd. | 333,133.50 | Awarded. |
| McClay Construction Co. Ltd. | $337,547.00 | |
| Concrete Constructors Ltd. | 360,233.60 | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 364,008.25 | |
| Barker Construction Co. Ltd. | 397,944.00 | |
| Narod Construction Ltd. | 403,964.98 | |
| Craig & Ralston Construction Co. Ltd. | 420,211.00 | |
| Poole Construction Co. Ltd. | 435,456.80 | |
| Marpole Construction Co. Ltd. | 435,775.18 | |
| General Construction Co. Ltd. | 482,505.00 | |

### BRITISH COLUMBIA TOLL HIGHWAYS AND BRIDGES AUTHORITY

| | | |
|---|---|---|
| SUPPLY AND INSTALLATION OF VENTILATION EQUIPMENT FOR DEAS ISLAND TUNNEL, VANCOUVER–LADNER HIGHWAY, DELTA DISTRICT (CONTRACT NO. 5): | | |
| Tacey Sheet Metal Ltd. | $137,664.00 | Awarded. |
| S.F. Products Canada Ltd. | $243,600.00 | |
| Maritime Industries Ltd. | 288,232.00 | |
| SUPPLY AND ERECTION OF STEEL SUPERSTRUCTURE AND CONSTRUCTION OF REINFORCED CONCRETE DECK AND COUNTERWEIGHTS FOR KELOWNA BRIDGE, OKANAGAN HIGHWAY, SOUTH OKANAGAN DISTRICT (CONTRACT NO. 3): | | |
| Dominion Bridge Co. Ltd. | 2,014,693.75 | Awarded. |
| Western Bridge & Steel Fabricators Ltd. | $2,043,544.80 | |
| CONSTRUCTION AND SUPPLY OF TOLL PLAZA, ADMINISTRATION BUILDING, LIGHTING, APPROACH ROADS, AND LIFT-SPAN WIRING FOR KELOWNA BRIDGE, OKANAGAN HIGHWAY, SOUTH OKANAGAN DISTRICT (CONTRACT NO. 4): | | |
| Narod Construction Ltd. | 218,248.09 | Awarded. |
| Mutual Construction Co. Ltd. | $220,678.98 | |
| F. B. Stewart | 223,046.60 | |
| Pacific Bridge Co. & General Construction Co. Ltd. | 225,204.00 | |
| Bennett & White Construction Co. Ltd. | 234,768.90 | |
| Storms Contracting Co. (Pacific) Ltd. | 235,117.45 | |

# DETAILS OF PRINCIPAL BRIDGES AND FERRY-LANDINGS CONSTRUCTED OR RECONSTRUCTED IN THE FISCAL YEAR 1957/58

| Name | Location | Electoral District | Type—Description of Work and Remarks |
|---|---|---|---|
| Canyon Creek Bridge | Cariboo Highway | Cariboo | 194-ft. three-span continuous reinforced-concrete girder bridge with reinforced-concrete deck; reinforced-concrete piers and abutments founded on steel H-piles; 26-ft. roadway; two 5-ft. sidewalks. |
| Cottonwood River Bridge | Cariboo Highway | Cariboo | 225-ft. through-truss bridge; three 60-ft. flanking beam spans with reinforced-concrete deck; reinforced-concrete piers and abutments; founded on rock on the south approach and steel H-piles on north approach; 24-ft. roadway. |
| Hixon Creek Bridge | Cariboo Highway | Cariboo | 194-ft. three-span continuous reinforced-concrete girder bridge with reinforced-concrete deck; reinforced-concrete piers and abutments founded on steel H-piles; 26-ft. roadway. |
| P.G.E. Underpass, Station 716+36.5 | Cariboo Highway | Cariboo | 52-ft. through plate-girder railway bridge on reinforced-concrete abutments. |
| Yoho Bridge | Trans-Canada Highway, Mile 674.9 | Columbia | 694-ft. seven-span steel truss and plate girder deck bridge with reinforced-concrete deck; six reinforced-concrete piers and two reinforced-concrete abutments; 26-ft. roadway. |
| C.N.R. Underpass, Koksilah | Trans-Canada Highway, Mile 34.49 | Cowichan-Newcastle | 78-ft. through plate-girder skew span superelevated railway bridge on treated-timber pile piers. |
| Irishman Creek Bridge | Southern Trans-Provincial Highway | Cranbrook | 40-ft. steel-beam span with reinforced-concrete deck; reinforced-concrete abutments; 26-ft. roadway. |
| Peavine Creek Bridge | Southern Trans-Provincial Highway | Cranbrook | 90-ft. bridge consisting of three 30-ft. steel-beam spans with reinforced-concrete deck; supported on two steel-pile bents with reinforced-concrete caps and two reinforced-concrete abutments on steel piles; 26-ft. roadway. |
| Riverside Drive Underpass | Riverside Drive | Cowichan-Newcastle | Reconstruction of a railway bridge consisting of one 48-ft. through plate-girder span on reinforced-concrete abutments; one reinforced-concrete pier; founded on timber piles. |
| Curzon Overhead Crossing | Southern Trans-Provincial Highway | Cranbrook | 160-ft. three-span reinforced-concrete bridge; reinforced-concrete retaining-wall; short-length approach at each end of bridge; culvert under the C.P.R. tracks; 26-ft. roadway. |
| Bertrand Creek Bridge | Aldergrove–Bellingham Highway | Delta | One 28-ft. skewed-stringer span; pre-cast concrete-stringer units; creosoted-timber pile abutments; 28-ft. roadway. |
| Fort Langley Bridge | Haldi Island Road | Delta | 565-ft. bridge consisting of eighteen 28-ft. pre-cast concrete-stringer spans; one 60-ft. steel-stringer span with reinforced-concrete deck; creosoted-timber piers and bents; 22-ft. roadway; one 5-ft. sidewalk; asphalt surfacing. |
| Deroche Bridge | Lougheed Highway | Dewdney | 196-ft. bridge consisting of seven 28-ft. pre-cast concrete-stringer spans on creosoted-timber bents; 28-ft. roadway; asphalt surfacing; 5-ft. sidewalk. |
| Dewdney Bridge | Lougheed Highway | Dewdney | 486-ft. bridge consisting of fifteen 28-ft. pre-cast concrete-stringer spans and one 65-ft. steel-beam span; reinforced-concrete deck; creosoted-timber bents; 28-ft. roadway; asphalt surfacing; two 5-ft. sidewalks. |
| Kanaka Creek Bridge | Lougheed Highway | Dewdney | 110-ft. bridge consisting of five 22-ft. pre-cast concrete-stringer spans; creosoted-timber bents; 28-ft. roadway; asphalt surfacing; two 5-ft. sidewalks. |
| Pumphouse Bridge | Lougheed Highway | Dewdney | 168-ft. bridge consisting of six 28-ft. pre-cast concrete-stringer spans; creosoted-timber bents; 28-ft. roadway; asphalt surfacing; one 5-ft. sidewalk. |

## DETAILS OF PRINCIPAL BRIDGES AND FERRY-LANDINGS CONSTRUCTED OR RECONSTRUCTED IN THE FISCAL YEAR 1957/58—*Continued*

| Name | Location | Electoral District | Type—Description of Work and Remarks |
|---|---|---|---|
| Silver Creek Bridge | Lougheed Highway | Dewdney | 110-ft. bridge consisting of five 22-ft. pre-cast concrete-stringer spans; creosoted-timber bents; 28-ft. roadway; asphalt surfacing; two 5-ft. sidewalks. |
| Harrison River Bridge | Lougheed Highway | Dewdney | 1,031-ft. bridge consisting of eight deck-plate girder spans and one 129-ft. deck-plate girder swing span; concrete-filled steel grid deck; reinforced-concrete abutments and piers founded on creosoted-timber piles; 26-ft. roadway. |
| Pitt River Bridge | Lougheed Highway | Dewdney | 1,094-ft. bridge consisting of deck-type plate-girder spans; one 232-ft. pivot bearing deck plate girder swing span; reinforced-concrete deck with bituminous wearing surface; 26-ft. roadway. |
| Malahat Overpass, over B.C. Cement Co. Road | Trans-Canada Highway, Mile 21.47 | Esquimalt | 32-ft. 6-in. span with reinforced-concrete girder and slab deck supported on reinforced-concrete abutments; 44-ft. roadway. |
| Stoney Creek Bridge | West Coast Road | Esquimalt | 70-ft. steel-beam span bridge; concrete abutments; reinforced-concrete deck; 26-ft. roadway; two 5-ft. sidewalks. |
| P.G.E. Underpass, Station 507+78.6 | Cariboo Highway | Fort George | 201-ft. railway bridge consisting of one 78-ft. through plate girder; one 29-ft. through plate girder; two 42-ft. plate girders; reinforced-concrete piers and abutments. |
| P.G.E. Underpass, Station 762+83 | Cariboo Highway | Fort George | 213-ft. railway bridge consisting of one 78-ft. and one 29-ft. through plate-girder span; two 48-ft. deck plate girder spans; reinforced-concrete piers and abutments. |
| Stone Creek Bridge | Cariboo Highway | Fort George | 192-ft. three-span continuous concrete-girder bridge with reinforced-concrete deck; reinforced-concrete piers and abutments founded on steel H-piles; 26-ft. roadway; two 5-ft. sidewalks. |
| Chilako River Bridge | Northern Trans-Provincial Highway | Fort George | 150-ft. bridge consisting of three 50-ft. steel-beam spans with reinforced-concrete piers and abutments; reinforced-concrete deck; 26-ft. roadway. |
| Willow River Bridge | Northern Trans-Provincial Highway | Fort George | 320-ft. creosoted-timber bridge consisting of a 180-ft. through Howe-truss span and eight 17-ft. bays of trestle approaches with asphalt-plank surfaced deck; supported on creosoted-pile bents and piers; 18-ft. roadway. |
| Yale Bridge (Grand Forks) | Southern Trans-Provincial Highway | Grand Forks-Greenwood | 180-ft. steel through-truss bridge; reinforced-concrete abutments and reinforced-concrete deck; 24-ft. roadway; two 5-ft. sidewalks. |
| Barriere River Bridge | North Thompson Highway | Kamloops | 150-ft. steel through-truss bridge with reinforced-concrete deck supported on reinforced-concrete abutments; 24-ft. roadway; two 5-ft. sidewalks. |
| C.N.R. Overhead Crossing | Trans-Canada Highway, Mile 314.02 | Kamloops | 135-ft. three-span continuous reinforced-concrete girder bridge with reinforced-concrete deck; reinforced abutments and bents; 24-ft. roadway. |
| Savona Bridge redecking | Trans-Canada Highway, Mile 314.14 | Kamloops | Construction of an open steel grid deck to provide 24-ft. roadway for H20-S16-44 loading and partial reconstruction of existing trusses. |
| Woodbury Creek Bridge | Nelson–Kaslo Road | Kaslo-Slocan | 70-ft.-beam span bridge; reinforced-concrete abutments; reinforced-concrete deck; 26-ft. roadway. |
| Bridge River Bridge | Bralorne–Lillooet Road | Lillooet | 196-ft. bridge consisting of one 100-ft. creosoted-timber deck Howe-truss span and six 16-ft. bays of timber-trestle approach; concrete piers and abutments; timber deck; 18-ft. roadway. |
| Furry Creek Bridge | Vancouver–Squamish Highway | Lillooet | 70-ft. skewed steel-beam span on concrete abutments and a 40-ft. steel-beam span on concrete abutments; creosoted-timber deck with asphalt surfacing; 26-ft. 6-in. roadway. |

| | | | |
|---|---|---|---|
| Mission Creek Bridge No. 2 | Gibsons–Earle Cove Road | Mackenzie | 112-ft. steel-girder span on reinforced-concrete abutments; creosoted-timber foundation piles; reinforced-concrete deck; 24-ft. roadway; one 5-ft. sidewalk. |
| Pass Creek Bridge | Southern Trans-Provincial Highway | Nelson-Creston | 140-ft. bridge consisting of two 40-ft. and one 60-ft. steel-beam spans; reinforced-concrete abutment and piers; reinforced-concrete deck; 26-ft. roadway. |
| Grindrod Bridge | Grindrod–Sicamous Highway | North Okanagan | 540-ft. bridge consisting of nine 60-ft. pre-stressed pre-cast concrete-stringer spans; supported on composite steel-encased cast-in-place concrete and timber pile bents and reinforced-concrete abutments founded on creosoted-timber piles; reinforced-concrete deck with asphalt wearing surface; 26 ft. 2-in. roadway; one 5-ft. sidewalk. |
| Sullivan Creek Bridge | Grindrod–Sicamous Highway | North Okanagan | Single 28-ft.-span skewed bridge; pre-cast concrete-stringer units on creosoted-timber pile abutments; 28-ft. roadway. |
| Deeks Creek Bridge | Vancouver–Squamish Highway | North Vancouver | 85-ft. bridge consisting of two 17-ft. creosoted-timber spans and one 50-ft. steel-beam span; reinforced-concrete abutments and reinforced-concrete piers; laminated creosoted-timber deck with asphalt wearing surface; 26-ft. roadway. |
| Newman Creek Bridge | Vancouver–Squamish Highway | North Vancouver | 120-ft. bridge consisting of one 50-ft. steel-beam span, one 18-ft. and three 17-ft. creosoted-timber spans; reinforced-concrete abutments and piers and creosoted-timber bents; laminated creosoted-timber deck with asphalt wearing surface; 26-ft. roadway. |
| Strachan Mountain Creek No. 1 Bridge | Vancouver–Squamish Highway | North Vancouver | 120-ft. bridge consisting of one 50-ft. steel-beam span and creosoted-timber trestle approaches; reinforced-concrete abutments; creosoted-timber bents and piers on concrete footings; laminated creosoted-timber deck with asphalt wearing surface; 30-ft. roadway. |
| Strachan Mountain Creek No. 2 Bridge | Vancouver–Squamish Highway | North Vancouver | 137-ft. bridge consisting of one 48-ft. steel-beam span and creosoted-timber trestle approaches; reinforced-concrete abutments; creosoted-timber bents on concrete footings; laminated creosoted-timber deck with asphalt wearing surface; 26-ft. roadway. |
| Burns Lake Trestle | Francois Lake Road | Omineca (West) | 701-ft. bridge consisting of sixteen 40-ft. and three 20-ft. pre-stressed concrete-stringer spans with reinforced-concrete deck; two reinforced-concrete abutments; twelve steel-shelled cast-in-place concrete-pile bents with reinforced-concrete caps and three steel-shelled cast-in-place concrete-pile braced towers with reinforced-concrete caps; 24-ft. roadway; two 5-ft. sidewalks. |
| Bulkley River Bridge at Telkwa | Telkwa–Coal Road | Omineca (West) | 180-ft. creosoted-timber through Howe-truss span on concrete abutments; laminated creosoted-timber deck with asphalt plank wearing surface; 18-ft. roadway; one 4-ft. sidewalk. |
| Engen Overhead Crossing | Northern Trans-Provincial Highway | Omineca (East) | 150-ft. three-span continuous steel-stringer bridge with reinforced-concrete deck; reinforced-concrete bents and abutments on creosoted-timber piles; 26-ft. roadway. |
| Beatton River Bridge | Fort St. John–Boundary Lake Road | Peace River | 437-ft. creosoted-timber bridge consisting of two 180-ft. through Howe-truss spans with trestle approaches; laminated creosoted-timber deck surfaced with asphalt plank; three concrete piers and four creosoted-pile bents; 18-ft. roadway. |
| McClymont Bridge | Northern Trans-Provincial Highway | Prince Rupert | 90-ft. bridge consisting of three 30-ft. steel-beam spans with reinforced-concrete deck; reinforced-concrete piers and abutments; 26-ft. 2-in. roadway; two 5-ft. sidewalks. |
| Camp Creek Bridge | Trans-Canada Highway, Mile 458.28 | Revelstoke | 51-ft. steel-stringer bridge on reinforced-concrete abutments; reinforced-concrete deck; 27-ft. roadway. |

## DETAILS OF PRINCIPAL BRIDGES AND FERRY-LANDINGS CONSTRUCTED OR RECONSTRUCTED IN THE FISCAL YEAR 1957/58—*Continued*

| Name | Location | Electoral District | Type—Description of Work and Remarks |
|---|---|---|---|
| Overhead Crossing of C.P.R., Mile 464.62 | Trans-Canada Highway, Mile 464.62 | Revelstoke | 381-ft. six-span steel-stringer bridge on reinforced-concrete bents and abutments with reinforced-concrete deck; 27-ft. roadway. |
| Craigellachie Overhead Crossing | Trans-Canada Highway, Mile 446.4 | Revelstoke | 345-ft. six-span bridge with reinforced-concrete girders and reinforced-concrete deck; reinforced-concrete piers and abutments; 27-ft. roadway. |
| Castlegar Overhead Crossing | Southern Trans-Provincial Highway | Rossland-Trail | 140-ft. three-span bridge with pre-cast pre-stressed concrete beams; reinforced-concrete deck; reinforced-concrete piers and abutments; 26-ft. roadway; two 5-ft. sidewalks. |
| Adams River Bridge | Squilax–Anglemont Road, No. 446 | Salmon Arm | 301-ft. creosoted-timber bridge consisting of one 130-ft. Howe-truss span and trestle approaches; two pile piers; laminated creosoted-timber deck with asphalt plank wearing surface; 18-ft. roadway. |
| Scotch Creek Bridge | Squilax–Anglemont Road, No. 446 | Salmon Arm | 204-ft. creosoted-timber bridge consisting of one 130-ft. Howe-truss span and trestle approaches; laminated creosoted-timber deck with asphalt plank wearing surface; 18-ft. roadway. |
| Penticton West Overhead No. 2 | West Bench Road, Penticton, over the Kettle Valley Railway, Mile 2.81, Princeton Subdivision | Similkameen | 136-ft. untreated-timber trestle bridge supported on pile bents; timber decking; 20-ft. roadway. |
| Penticton West Overhead No. 3 | West Bench Road, Penticton, over the Kettle Valley Railway, Mile 2.81, Princeton Subdivision | Similkameen | 121-ft. untreated-timber trestle bridge supported on pile bents; timber decking; 20-ft. roadway. |
| Hirsch Creek Bridge | Terrace–Kitimat Highway | Skeena | 250-ft. steel through-truss span on concrete abutments founded on steel H-piles; reinforced-concrete deck; 24-ft. roadway. |
| Humphrys Creek Bridge | Terrace–Kitimat Highway | Skeena | 125-ft. bridge consisting of three 40-ft. pre-stressed concrete-beam spans with reinforced-concrete deck; reinforced-concrete abutments and steel-pile piers with concrete caps; 26-ft. roadway. |
| Kitimat River Bridge | Kitimat–Terrace Highway | Skeena | 367-ft. bridge consisting of two 180-ft. steel through-truss spans supported on reinforced-concrete abutments and reinforced-concrete pier founded on timber and steel H-piles; reinforced-concrete deck; 24-ft. roadway. |
| Nalbeelah Creek Bridge | Terrace–Kitimat | Skeena | 125-ft. bridge consisting of three 40-ft. pre-stressed concrete-beam spans with reinforced-concrete deck; reinforced-concrete abutments and steel-pile piers with concrete caps; 26-ft. roadway. |
| Ellison Overhead Crossing | Okanagan Highway | South Okanagan | 165-ft. bridge consisting of three pre-stressed concrete-beam spans; reinforced-concrete deck; reinforced-concrete abtuments and piers founded on steel-pipe piles filled with concrete; 26-ft. roadway. |
| Mill Creek Bridge No. 3 | Okanagan Highway | South Okanagan | Two 22-ft. spans; pre-cast concrete-stringer units on creosoted-timber pile abutments and pier; 28-ft. roadway. |
| Spuzzum Creek Bridge | Trans-Canada Highway, Mile 191.2 | Yale | 450-ft. bridge consisting of one 225-ft. deck truss span and five 45-ft. steel-stringer spans; reinforced-concrete abutments and piers; reinforced-concrete deck; 26-ft. roadway. |
| Tank Creek Underpass | Trans-Canada Highway, Mile 246.91 | Yale | 70-ft.-span railway through plate-girder bridge with waterproofed reinforced-concrete deck; reinforced-concrete abutments; concrete retaining-wall at east abutment. |

| | | | |
|---|---|---|---|
| *Ferry-landings* | | | |
| McMillan Island Ferry-landing | Ferry operating between Albion and McMillan Island | Delta | Construction of a new creosoted-timber landing. |
| Albion Ferry-landing | Ferry operating between Albion and McMillan Island | Dewdney | Construction of a new creosoted-timber landing. |
| Britannia Ferry-landing | Ferry operating between Britannia and Woodfibre | Lillooet | Construction of a creosoted-timber ferry-landing. |
| Woodfibre Ferry-landing | Ferry operating between Britannia and Woodfibre | Mackenzie | Construction of a creosoted-timber ferry-landing. |
| Montague Harbour Ferry-landing | Ferry operating between Montague Harbour and Village Bay | Nanaimo-Islands | Construction of a creosoted-timber ferry-landing. |
| Village Bay Ferry-landing | Ferry operating between Montague Harbour and Village Bay (Mayne Island and Galiano Island) | Nanaimo-Islands | Construction of a creosoted-timber ferry-landing. |

## BRITISH COLUMBIA TOLL HIGHWAYS AND BRIDGES AUTHORITY

### Bridges Completed in the Fiscal Year 1957/58

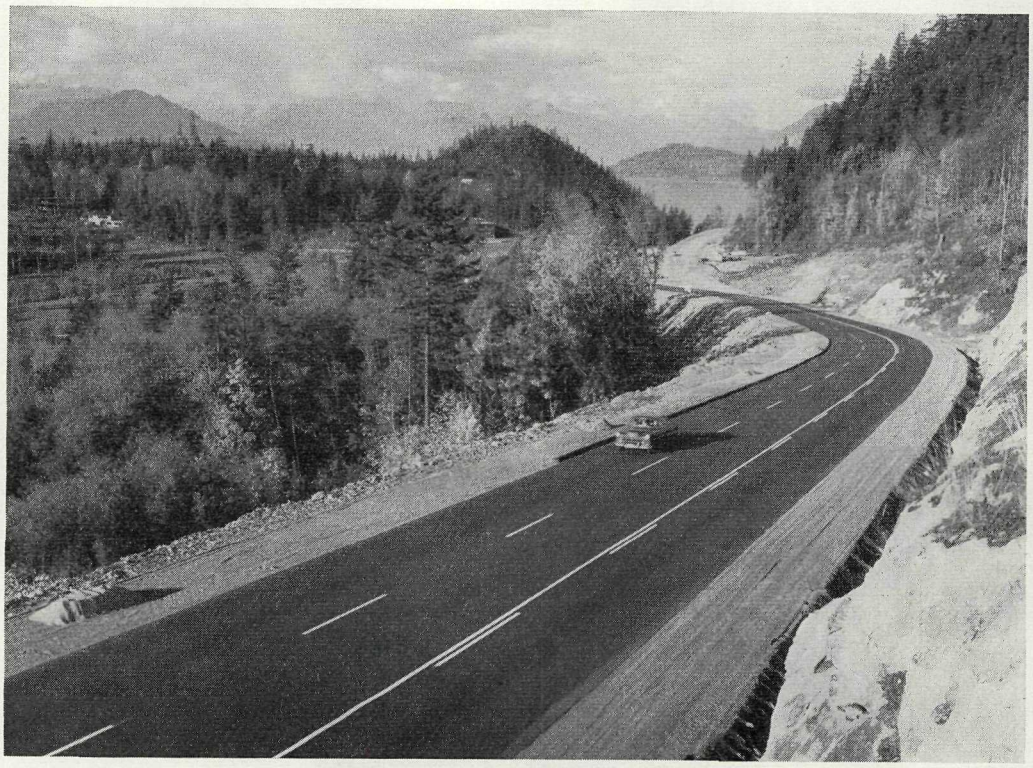
| | | | |
|---|---|---|---|
| Nelson Bridge | West Arm of Kootenay Lake at Nelson | Nelson-Creston | 2,061-ft. bridge consisting of a 488-ft. main and two 306-ft. anchor steel-truss spans; six 94-ft. steel plate-girder spans and nine steel-stringer spans; two deep-water and seven shallow-water reinforced-concrete piers; reinforced-concrete trestle bents and abutments; reinforced-concrete roadway and sidewalk slabs; 26-ft. roadway; two 5-ft. sidewalks. |
| Middle Arm Bridge | Lulu Island to Sea Island | Delta | 1,146-ft. bridge consisting of one 176-ft. steel swing span with reinforced-concrete roadway slab and concrete-filled T-Tri-Lok sidewalks; one 90-ft. and twenty-two 40-ft. pre-stressed concrete-stringer spans; reinforced-concrete centre pier and pre-stressed concrete-pile bents and abutments; asphalt-surfaced reinforced-concrete roadway slab and pre-cast concrete sidewalk slabs; 26-ft. roadway; two 5-ft. sidewalks. |
| Oak Street Bridge | Vancouver to Lulu Island | Delta | 6,034-ft. bridge consisting of one 300-ft. and two 205-ft. riveted steel plate-girder spans; five 120-ft. welded steel plate-girder spans; seventy-six reinforced-concrete girder spans; reinforced-concrete bents and abutments; main bents on steel H-piles and approach bents on untreated-timber piles; asphalt-surfaced reinforced-concrete roadway slab; pre-cast concrete sidewalk slabs; 48-ft. roadway; two 7-ft. sidewalks.<br>420-ft. north approach ramp (to Marine Drive) consisting of seven 60-ft. reinforced-concrete girder spans; reinforced-concrete bents and abutment; asphalt-surfaced reinforced-concrete roadway slab; pre-cast concrete sidewalk slabs; 16-ft. roadway; one 7-ft. sidewalk.<br>510-ft. south approach ramp (to Miller Road) consisting of six 62-ft. and three 45-ft. reinforced-concrete girder spans; reinforced-concrete bents and abutment; asphalt-surfaced reinforced-concrete roadway slab; pre-cast concrete sidewalk slabs; 24-ft. 6-in. roadway; one 7-ft. sidewalk. |

C. K. Saunders,
*Senior Bridge Engineer.*

# REPORT OF DIRECTOR OF CONSTRUCTION

## ROAD CONSTRUCTION

During the fiscal year work continued at an unprecedented rate on all highways throughout the Province, with particular importance being placed on the Trans-Canada Highway, Southern Trans-Provincial Highway, and Northern Trans-Provincial Highway.



Vancouver–Horseshoe Bay Highway near Horseshoe Bay.

A list of significant grading quantities is listed hereunder:—

| | | |
|---|---|---|
| Roadway excavation— | | |
| Solid rock | cu. yd. | 5,032,244 |
| Other materials | cu. yd. | 18,876,545 |
| Culverts (large multi-plate and cattle-passes) | lin. ft. | 3,252 |
| Concrete for retaining-walls and drainage structures | cu. yd. | 49,387 |
| Rip-rap (loose and hand-laid) | cu. yd. | 18,059 |
| Fencing | rods | 16,900 |
| Gates | | 171 |
| Gravel— | | |
| Pit-run | tons | 201,220 |
| 2-inch crushed | tons | 1,097,083 |
| ¾-inch crushed | tons | 1,003,230 |

Specific locations of the various grading contracts are listed on the following pages; the list indicates the percentage of work completed in each instance.

Highway contract grading and paving were consolidated under one branch, which has assisted to a great extent in co-ordinating the two phases of highway construction.

## PAVING

At the beginning of the year, improved laboratory design techniques for asphalt paving were adopted, revised interim specifications prepared, and a nucleus of eighteen field personnel were given preliminary training in testing and design of asphalt paving. Field administration procedures were modified so as to decentralize and improve control of work.

In April the Surfacing Branch was merged with the Construction Branch and the number of engineers solely concerned with paving administration reduced to one. At the same time, field staffs were strengthened by promotion and recruitment. Contrary to previous practice, the calls for tenders for paving were phased over a period of months, with, it is believed, improved competitive bidding.

During 1957 no seal-coating work was carried out, but a study of the problem was made with a view to improving the performance of seal-coated surfaces in the future. Methods of improving the durability and non-skid characteristics of surfacing for heavily trafficked areas, such as urban intersections and bridge decking, are also being studied. In the winter months a course in surveying was given to crew members to increase flexibility.

## TENDERS RECEIVED AND CONTRACTS AWARDED (ROADS), FISCAL YEAR 1957/58

| Description of Work and Names of Tenderers | Amount of Tenders at Unit Rates Based on Estimated Quantities | Remarks |
|---|---|---|
| PROJECT NO. 694—TRANS-CANADA HIGHWAY, BOSTON BAR–SALKELD (RECONSTRUCTION, 2.76 MILES): | | |
| Highway Construction Co. Ltd. | $795,582.50 | Awarded. |
| Dawson, Wade & Co. Ltd. | $940,287.30 | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 1,074,987.50 | |
| PROJECT NO. 790—LOUGHEED HIGHWAY, BOUNDARY ROAD–NORTH ROAD (RECONSTRUCTION, 6.33 MILES; WIDENING TO FOUR LANES; AND CONNECTION TO NORTH ROAD, 0.29 MILES): | | |
| City Construction Co. Ltd. | 1,056,391.80 | Awarded. |
| Columbia Bitulithic Ltd. | $1,101,396.78 | |
| General Construction Co. Ltd. | 1,141,147.25 | |
| Poole Engineering Co. Ltd. | 1,289,396.50 | |
| Dawson, Wade & Co. Ltd. | 1,449,409.55 | |
| PROJECT NO. 813A—TRANS-CANADA HIGHWAY, THREE VALLEY LAKE WEST (RECONSTRUCTION, 1.32 MILES): | | |
| Storms Contracting Co. (Pacific) Ltd. | 213,293.30 | Awarded. |
| L. & M. Logging Ltd. | $230,613.00 | |
| Parker Construction Ltd. | 233,992.50 | |
| General Construction Co. Ltd. | 254,655.00 | |
| Dawson, Wade & Co. Ltd. | 266,872.00 | |
| Interior Contracting Co. Ltd. | 268,553.81 | |
| Mannix Co. Ltd. | 281,925.50 | |
| Ed Walsh & Co. Ltd. | 285,950.87 | |
| Jamieson Construction Co. Ltd. | 299,212.00 | |
| Square M Construction Ltd. and Coleman Collieries Ltd. | 323,654.50 | |
| A. C. McEachern Ltd. and Atomic Construction Ltd. | 329,191.75 | |
| Campbell-Bennett Ltd. | 333,395.00 | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 344,485.00 | |

# TENDERS RECEIVED AND CONTRACTS AWARDED (ROADS), FISCAL YEAR 1957/58—*Continued*

| Description of Work and Names of Tenderers | Amount of Tenders at Unit Rates Based on Estimated Quantities | Remarks |
|---|---|---|
| PROJECT NO. 813B—TRANS-CANADA HIGHWAY, VICTOR LAKE–SUMMIT LAKE (RECONSTRUCTION, 2.77 MILES): | | |
| General Construction Co. Ltd. | $873,011.00 | Awarded. |
| Dawson, Wade & Co. Ltd. | $941,334.10 | |
| A. C. McEachern Ltd. and Atomic Construction Ltd. | 995,426.40 | |
| Square M Construction Ltd. and Coleman Collieries Ltd. | 962,870.50 | |
| Campbell-Bennett Ltd. and Mannix Ltd. | 1,036,909.00 | |
| Assiniboia Construction Co. Ltd. | 1,083,320.00 | |
| McClay Construction Co. Ltd. | 1,094,376.00 | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 1,129,386.00 | |
| Emil Anderson Construction Co. Ltd. | 1,218,732.00 | |
| PROJECT NO. 819—TRANS-CANADA HIGHWAY, CRAIGELLACHIE–KAY FALLS AND KAY FALLS–TWIN BRIDGES (RECONSTRUCTION, 12.80 MILES): | | |
| L. & M. Logging Ltd. | 1,597,335.00 | Awarded. |
| General Construction Co. Ltd. | $1,711,088.50 | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 1,929,536.00 | |
| Dawson, Wade & Co. Ltd. | 1,948,381.70 | |
| Mannix Co. Ltd. and Campbell-Bennett Ltd. | 2,134,691.00 | |
| John Laing & Son (Canada) Ltd. | 2,309,636.50 | |
| Emil Anderson Construction Co. Ltd. | 2,667,047.50 | |
| PROJECT NO. 821—TRANS-CANADA HIGHWAY, CHILLIWACK–CHEAM CREEK (CONSTRUCTION, 5.75 MILES; FOUR LANES DIVIDED AND 3.50 MILES TWO LANES; AND CONNECTION TO AGASSIZ–ROSEDALE HIGHWAY, 0.38 MILE): | | |
| W. C. Arnett & Co. Ltd. | 1,600,298.50 | Awarded. |
| Emil Anderson Construction Co. Ltd. | $1,917,351.00 | |
| Dawson, Wade & Co. Ltd. | 1,923,030.65 | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 1,938,718.10 | |
| A. C. McEachern Ltd. and Atomic Construction Ltd. | 2,049,019.18 | |
| Cattermole-Tretheway Contractors Ltd. | 2,255,120.60 | |
| PROJECT NO. 870—SOUTHERN TRANS-PROVINCIAL HIGHWAY (SALMO–CRESTON CUT-OFF), SUMMIT LAKE–HIGHWAY NO. 6 (CONSTRUCTION, 4.11 MILES): | | |
| P. F. Law Construction Ltd. | 372,629.00 | Awarded. |
| Interior Contracting Co. Ltd. | $375,626.64 | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 406,071.00 | |
| Mannix Co. Ltd. | 409,912.20 | |
| Fame Brick Construction Ltd. | 418,909.00 | |
| Premier Construction Co. Ltd. | 432,328.80 | |
| Jamieson Construction Co. Ltd. | 443,443.00 | |
| Pooley Bros. Ltd. | 460,843.00[1] | |
| Hassel Bros. (1954) Ltd. | 496,784.00 | |
| R. & L. Construction Co. | 511,031.44 | |
| PROJECT NO. 874—TRANS-CANADA HIGHWAY, FRASER RIVER CROSSING–ALEXANDRA LODGE (RECONSTRUCTION, 2.50 MILES): | | |
| Dawson, Wade & Co. Ltd. | 639,334.34 | Awarded. |
| General Construction Co. Ltd. | $653,973.00 | |
| John Laing & Son (Canada) Ltd. | 680,118.00 | |
| Emil Anderson Construction Co. Ltd. | 689,014.50 | |
| A. C. McEachern Ltd. | 698,825.00 | |
| J.-M. Construction Co. Ltd. | 749,472.00 | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 786,875.00 | |
| Highway Construction Co. Ltd. | 812,853.00 | |
| Raymond International Co. Ltd. | 1,094,326.00 | |

[1] No list of equipment attached.

# TENDERS RECEIVED AND CONTRACTS AWARDED (ROADS), FISCAL YEAR 1957/58—*Continued*

| Description of Work and Names of Tenderers | Amount of Tenders at Unit Rates Based on Estimated Quantities | Remarks |
|---|---|---|
| PROJECT NO. 878—SOUTHERN TRANS-PROVINCIAL HIGHWAY, CASTLEGAR–SHEEP LAKE, SECTION 2 (CONSTRUCTION, 8.76 MILES): | | |
| Interior Contracting Co. Ltd. | $808,822.60 | Awarded. |
| Emil Anderson Construction Co. Ltd. | $833,067.50 | |
| Dawson, Wade & Co. Ltd. | 833,585.00 | |
| A. C. McEachern Ltd. and Atomic Construction Ltd. | 854,613.15 | |
| Square M Construction Ltd. and Coleman Collieries Ltd. | 868,628.00 | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 892,265.00 | |
| General Construction Co. Ltd. | 899,023.00 | |
| *Mannix Co. Ltd.* | *962,491.00* | |
| Campbell-Bennett Ltd. | 975,273.00 | |
| Storms Contracting Co. (Pacific) Ltd. | 999,773.00 | |
| Assiniboia Construction Co. Ltd. | 1,113,568.00 | |
| PROJECT NO. 879—TRANS-CANADA HIGHWAY, DONALD–GOLDEN (RECONSTRUCTION, 13.88 MILES): | | |
| Square M Construction Ltd. and Coleman Collieries Ltd. | 1,119,340.00 | Awarded. |
| Jamieson Construction Co. Ltd. | $1,128,245.50 | |
| John Laing & Son (Canada) Ltd. | 1,163,584.40 | |
| Radium Construction & Contracting Co. Ltd. | 1,197,987.70 | |
| Mannix Co. Ltd. | 1,200,489.55 | |
| New West Construction Co. Ltd. | 1,207,250.25 | |
| Dawson, Wade & Co. Ltd. | 1,218,743.95 | |
| Standard Gravel & Surfacing of Canada Ltd. | 1,239,472.95 | |
| Piggott Construction Co. Ltd. | 1,265,528.00 | |
| Assiniboia Construction Co. Ltd. | 1,278,215.70 | |
| Premier Construction Co. Ltd. | 1,294,947.60 | |
| Emil Anderson Construction Co. Ltd. | 1,341,010.50 | |
| Midwest Construction Ltd. | 1,348,392.00 | |
| Poole Engineering Co. Ltd. | 1,468,102.50 | |
| PROJECT NO. 880—TRANS-CANADA HIGHWAY, GREELY–CLACHNACUDAINN CREEK (CONSTRUCTION, 4.67 MILES): | | |
| John Laing & Son (Canada) Ltd. | 1,021,259.55 | Awarded. |
| *Peter Kiewit Sons' Co. of Canada Ltd.* | *$1,097,671.10* | |
| Square M Construction Ltd. and Coleman Collieries Ltd. | 465,976.90[2] | |
| Dawson, Wade & Co. Ltd. | 1,186,906.30 | |
| Emil Anderson Construction Co. Ltd. | 1,193,308.00 | |
| A. C. McEachern Ltd. and Atomic Construction Ltd. | 1,210,885.75 | |
| Piggott Construction Co. Ltd. | 1,230,619.50 | |
| Assiniboia Construction Co. Ltd. | 1,364,002.00 | |
| Campbell-Bennett Ltd. | 1,395,283.50 | |
| Mannix Co. Ltd. | 1,415,836.75 | |
| General Construction Co. Ltd. | 1,435,215.50 | |
| Jamieson Construction Co. Ltd. | 1,481,892.75 | |
| PROJECT NO. 881—DAWSON CREEK–ALBERTA BOUNDARY HIGHWAY, POUCE COUPE–ALBERTA BOUNDARY (RECONSTRUCTION, 16.46 MILES): | | |
| R. & L. Construction Co. Ltd. | 1,477,860.25 | Awarded. |
| Sandy Construction Ltd. | $1,580,455.69 | |
| General Construction Co. Ltd. | 1,589,974.90 | |
| Park Bros. Ltd. and New West Construction Co. Ltd. | 1,599,589.20 | |
| Mannix Co. Ltd. | 1,736,678.35 | |
| Piggott Construction Co. Ltd. | 1,857,584.72 | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 1,869,100.50 | |
| Assiniboia Construction Co. Ltd. | 1,915,271.00 | |
| Ben Ginter Construction Co. Ltd. | 1,960,758.00 | |
| PROJECT NO. 882—NORTHERN TRANS-PROVINCIAL HIGHWAY, BURNS LAKE–TINTAGEL (RECONSTRUCTION, 7.66 MILES): | | |
| Ben Ginter Construction Co. Ltd. | 983,276.00 | Awarded. |
| Park Bros. Ltd. | $1,092,655.00 | |
| Piggott Construction Co. Ltd. | 1,108,672.05 | |
| Enemark Construction Co. Ltd. | 1,133,756.76 | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 1,234,459.60 | |

[2] Tender partly omitted in error.

# TENDERS RECEIVED AND CONTRACTS AWARDED (ROADS), FISCAL YEAR 1957/58—*Continued*

| Description of Work and Names of Tenderers | Amount of Tenders at Unit Rates Based on Estimated Quantities | Remarks |
|---|---|---|
| PROJECT NO. 883—CASSIAR ROAD, SAWMILL POINT–HOTEL CREEK (CONSTRUCTION, 25.55 MILES): | | |
| Wade & Wells Co. Ltd. | $702,293.00[3] | |
| Piggott Construction Co. Ltd. | 1,312,372.60 | Awarded. |
| New West Construction Co. Ltd. and George Ludwig Ltd. | $1,351,606.00 | |
| Sandy Construction Ltd. | 1,399,871.00 | |
| Assiniboia Construction Co. Ltd. | 1,557,154.00 | |
| General Construction Co. Ltd. | 1,783,504.00 | |
| Mannix Co. Ltd. | 1,899,656.70 | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 2,066,411.00 | |
| S. S. Mullen Construction Ltd. | 2,184,934.00 | |
| PROJECT NO. 886—ALBERNI–TOFINO HIGHWAY, KENNEDY RIVER SECTION (CONSTRUCTION, 8.51 MILES): | | |
| A. C. McEachern Ltd. | 773,195.50 | Awarded. |
| Campbell-Bennett Ltd. | $853,970.00 | |
| Enemark Construction Co. Ltd. | 926,458.00 | |
| A. & B. Construction Co. Ltd. | 976,025.00 | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 995,423.00 | |
| PROJECT NO. 890—TRANS-CANADA HIGHWAY, REVELSTOKE–GREELY (CONSTRUCTION, 4.94 MILES): | | |
| Raymond International Co. Ltd. | 875,692.00 | Awarded. |
| New West Construction Co. Ltd. and George Ludwig Ltd. | $898,769.00 | |
| John Laing & Son (Canada) Ltd. | 927,737.80 | |
| Emil Anderson Construction Co. Ltd. | 946,171.08 | |
| Assiniboia Construction Co. Ltd. | 953,152.00 | |
| Dawson, Wade & Co. Ltd. | 953,795.40 | |
| Ed Walsh & Co. Ltd. | 967,084.00 | |
| Piggott Construction Co. Ltd. | 968,125.50 | |
| Square M Construction Ltd. and Coleman Collieries Ltd. | 1,016,957.55 | |
| Jamieson Construction Co. Ltd. | 1,032,133.00 | |
| Atomic Construction Ltd. | 1,044,822.00 | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 1,046,803.00 | |
| General Construction Co. Ltd. | 1,063,211.00 | |
| Campbell-Bennett Ltd. | 1,089,425.50 | |
| Mannix Co. Ltd. | 1,206,880.00 | |
| PROJECT NO. 892—TRANS-CANADA HIGHWAY, SADDLE ROCK–C.P.R. OVERHEAD (RECONSTRUCTION, 1.31 MILES): | | |
| Emil Anderson Construction Co. Ltd. | 1,437,594.00 | Awarded. |
| Dawson, Wade & Co. Ltd. | $1,607,902.32 | |
| General Construction Co. Ltd. | 1,609,635.40 | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 1,612,411.00 | |
| Northwood Construction & Humstone Contracting | 1,652,563.10 | |
| Mannix Co. Ltd. | 1,714,730.60 | |
| Highway Construction Co. Ltd. | 1,798,181.00 | |
| Campbell-Bennett Ltd. | 1,885,682.00 | |
| PROJECT 893—NORTHERN TRANS-PROVINCIAL HIGHWAY, TABOR LAKE–WILLOW RIVER (CONSTRUCTION, 3.71 MILES, AND CLEARING AND GRUBBING, 6.52 MILES): | | |
| Park Bros. Ltd. | 336,628.00 | Awarded. |
| Willow Construction Ltd. | $383,609.50 | |
| Breaks Bros. Construction Co. Ltd. | 402,729.50 | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 421,844.50 | |
| Sandy Construction Ltd. | 437,489.00 | |
| Piggott Construction Co. Ltd. | 458,868.60 | |
| Enemark Construction Co. Ltd. | 460,709.00 | |
| Miller Cartage & Contracting Ltd. | 472,351.05 | |
| Jamieson Construction Co. Ltd. | 484,560.00 | |
| Ben Ginter Construction Co. Ltd. | 492,390.00 | |
| Atomic Construction Ltd. | 507,019.00 | |
| Assiniboia Construction Co. Ltd. | 547,727.00 | |
| Emil Anderson Construction Co. Ltd. | 670,769.50 | |
| Mannix Co. Ltd. | 706,828.00 | |

[3] Tender unaccompanied by certified cheque.

# TENDERS RECEIVED AND CONTRACTS AWARDED (ROADS), FISCAL YEAR 1957/58—*Continued*

| Description of Work and Names of Tenderers | Amount of Tenders at Unit Rates Based on Estimated Quantities | Remarks |
|---|---|---|
| PROJECT NO. 895—WEST VANCOUVER, MARINE DRIVE AND TAYLOR WAY (WIDENING TO FOUR LANES UNDIVIDED, 0.93 AND 0.75 MILES): | | |
| General Construction Co. Ltd. | $197,467.30 | Awarded. |
| Hosco Construction Ltd. | $203,870.58 | |
| City Construction Co. Ltd. | 207,456.50 | |
| Commonwealth Construction Co. Ltd. | 231,018.10 | |
| Columbia Bitulithic Ltd. | 232,820.95 | |
| PROJECT NO. 897—OKANAGAN HIGHWAY, ELLISON OVERHEAD APPROACHES (CONSTRUCTION, 1.51 MILES): | | |
| C. Drage Trucking Ltd. | 120,423.20 | Contract not awarded. |
| Storms Contracting Co. (Pacific) Ltd. | 125,489.00 | |
| Joe Tavender Contracting | 128,052.30 | |
| Jamieson Construction Co. Ltd. | 138,768.00 | |
| Premier Construction Co. Ltd. | 139,765.00 | |
| G. & M. Construction Ltd. | 142,628.37 | |
| Interior Contracting Co. Ltd. | 148,072.85 | |
| Tide Water Contracting Co. Ltd. | 150,382.10 | |
| Miller Cartage & Contracting Ltd. | 154,214.50 | |
| Atlas Construction Co. Ltd. | 154,426.40 | |
| Wakeman & Trimble Contractors Ltd. | 154,777.50 | |
| W. C. Arnett & Co. Ltd. | 155,902.50 | |
| Hosco Construction Ltd. | 159,547.80 | |
| Radium Construction & Contracting Co. Ltd. | 161,817.70 | |
| Parker Construction Ltd. | 171,852.50 | |
| McClay Construction Co. Ltd. | 175,857.70 | |
| PROJECT NO. 898—SOUTHERN TRANS-PROVINCIAL HIGHWAY, SOUTH SLOCAN SECTION (RECONSTRUCTION, 2.05 MILES): | | |
| Dawson, Wade & Co. Ltd. | 297,865.80 | Contract not awarded. |
| Peter Kiewit Sons' Co. of Canada Ltd. | 340,195.00 | |
| Jamieson Construction Co. Ltd. | 382,547.00 | |
| Mannix Co. Ltd. | 390,179.00 | |
| Ed Walsh & Co. Ltd. | 426,873.00 | |
| PROJECT NO. 901—OKANAGAN HIGHWAY, KALEDEN-SKAHA (RECONSTRUCTION, 4.22 MILES): | | |
| Radium Construction & Contracting Co. Ltd. | 622,896.10 | Contract not awarded. |
| Peter Kiewit Sons' Co. of Canada Ltd. | 660,696.75 | |
| W. C. Arnett & Co. Ltd. | 661,644.25 | |
| John Laing & Son (Canada) Ltd. | 688,187.93 | |
| Mannix Co. Ltd. | 689,102.60 | |
| L. & M. Logging Ltd. | 695,876.00 | |
| General Construction Co. Ltd. | 711,111.11 | |
| Storms Contracting Co. (Pacific) Ltd. | 719,089.10 | |
| Arthur A. Voice Construction Co. Ltd. | 734,310.25 | |
| Emil Anderson Construction Co. Ltd. | 744,421.00 | |
| Dawson, Wade & Co. Ltd. | 749,056.46 | |
| Assiniboia Construction Co. Ltd. | 766,725.00 | |
| Premier Construction Co. Ltd. | 769,494.33 | |
| Ben Ginter Construction Co. Ltd. | 890,737.50 | |
| Raymond International Co. Ltd. | 920,163.90 | |
| A. C. McEachern Ltd. and Atomic Construction Ltd. | 938,983.20 | |
| Parker Construction Ltd. | 2,542,441.50 | |

## TENDERS RECEIVED AND CONTRACTS AWARDED (ROADS), FISCAL YEAR 1957/58—*Continued*

| Description of Work and Names of Tenderers | Amount of Tenders at Unit Rates Based on Estimated Quantities | Remarks |
|---|---|---|
| PROJECT NO. 906—TRANS-CANADA HIGHWAY, BOOTHROYD–JACKASS MOUNTAIN (RECONSTRUCTION 8.08 MILES): | | |
| Peter Kiewit Sons' Co. of Canada Ltd. | $2,157,282.85 | Awarded. |
| Cattermole-Tretheway Contractors Ltd. and Ed Walsh & Co. Ltd. | $2,161,344.25 | |
| Mannix Co. Ltd. | 2,290,267.05 | |
| Highway Construction Co. Ltd. | 2,345,595.00 | |
| Dawson, Wade & Co. Ltd. | 2,368,610.55 | |
| Assiniboia Construction Co. Ltd. | 2,524,740.00 | |
| General Construction Co. Ltd. | 2,534,041.40 | |
| B.C. Coast Construction Ltd. | 2,482,961.75 | |
| L. & M. Logging Ltd. and Holsworth Construction Co. | 2,654,992.00 | |
| Campbell-Bennett Ltd. | 2,687,292.00 | |
| Emil Anderson Construction Co. Ltd. | 2,691,752.25 | |
| Ben Ginter Construction Co. Ltd. | 2,892,102.00 | |
| Square M Construction Ltd., Coleman Collieries Ltd., and McClay Construction Co Ltd. | 2,928,379.05 | |
| A. C. McEachern Ltd. and Atomic Construction Ltd. | 2,960,675.50 | |
| Raymond International Co. Ltd. | 3,215,177.35 | |
| John Laing & Son (Canada) Ltd. | 3,385,164.00 | |
| Marwell Construction Co. Ltd. | 4,228,404.92 | |

## HIGHWAY-CONSTRUCTION CONTRACTS FOR FISCAL YEAR 1957/58

| Project No. | Section | Total Length | Miles Constructed or Reconstructed, 1957/58 | Remarks | Per Cent Completed to Date |
|---|---|---|---|---|---|
| | TRANS-CANADA HIGHWAY | | | | |
| | *(a) Contracts Let before, 1955/56* | | | | |
| 398 | Golden east | 9.03 | 0.20 | Project completed | 100 |
| | *(b) Contracts Let, 1955/56* | | | | |
| 647 | Nine Mile–Boothroyd | 1.94 | 0.04 | Project completed | 100 |
| | *(c) Contracts Let, 1956/57* | | | | |
| 554 | Tank Hill section | 0.91 | 0.28 | Work continuing | 91 |
| 622 | Horseshoe Bay east | 1.29 | 0.14 | Formerly Squamish Highway; project completed | 100 |
| 657 | Taylor Way (West Vancouver) west | 3.78 | 0.28 | Formerly Squamish Highway; project completed | 100 |
| 687 | Malahat Chalet–Mill Bay | 8.76 | 2.66 | Project completed | 100 |
| 750 | Cheam Creek–Twin Bridges | 1.75 | 1.35 | Project completed | 100 |
| 753 | Twin Bridges–Lorenzetti Creek | 6.02 | 3.92 | Project completed | 100 |
| 760 | Tank Hill–Spences Bridge | 13.39 | 8.30 | Work continuing | 90 |
| 762 | Lytton–Tank Hill | 8.10 | 5.35 | Work continuing | 88 |
| 764 | Spuzzum Creek section | 3.79 | 3.09 | Project completed | 100 |
| 789 | Chase–Sorrento | 7.25 | 5.80 | Project completed | 100 |
| 792 | Bell Crossing–Saddle Rock | 4.62 | 2.81 | Work continuing | 73 |
| 807 | Vedder River–Chilliwack | 10.31 | 9.10 | Four-lane project (divided); work continuing | 91 |
| | *(d) Contracts Let, 1957/58* | | | | |
| 694 | Boston Bar–Salkeld | 2.76 | 1.38 | Work continuing | 50 |
| 813A | Three Valley Lake west | 1.32 | 1.32 | Project completed | 100 |
| 813B | Victor Lake–Summit Lake | 2.77 | 1.94 | Work continuing | 70 |

## HIGHWAY-CONSTRUCTION CONTRACTS—*Continued*

| Project No. | Section | Total Length | Miles Constructed or Reconstructed, 1957/58 | Remarks | Per Cent Completed to Date |
|---|---|---|---|---|---|
| | TRANS-CANADA HIGHWAY—*Continued* | | | | |
| | (*d*) *Contracts Let, 1957/58*—Continued | | | | |
| 819 | Craigellachie–Kay Falls and Kay Falls–Twin Bridges | 12.80 | 6.40 | Work continuing | 50 |
| 821 | Chilliwack–Cheam Creek | 9.25 | 3.94 | Project consists of 5.75 miles of four-lane (divided) and 3.50 miles of two-lane | 43 |
| 874 | Fraser River Crossing–Alexandra Lodge | 2.50 | 0.70 | Work continuing | 28 |
| 879 | Donald–Golden | 13.88 | 2.36 | Work continuing | 17 |
| 880 | Greely–Clachnacudainn Creek | 4.67 | 1.45 | Work continuing | 31 |
| 890 | Revelstoke–Greely | 4.94 | 0.20 | Work continuing | 4 |
| 892 | Saddle Rock–C.P.R. Overhead | 1.31 | 0.16 | Work continuing | 12 |
| 906 | Boothroyd–Jackass Mountain | 8.08 | ..... | Contract let March, 1958 | ..... |
| | Total miles let, Trans-Canada Highway, 1957/58 | 64.28 | ..... | | |
| | Total miles built, Trans-Canada Highway, 1957/58 | ..... | 63.17 | | |
| | SOUTHERN TRANS-PROVINCIAL HIGHWAY | | | | |
| | (*a*) *Contracts Let, 1955/56* | | | | |
| 652 | Lot 2798–Moyie | 7.65 | 1.76 | Project completed | 100 |
| 668 | Christina Lake–Lot 2827 | 6.53 | 1.96 | Project completed | 100 |
| | (*b*) *Contracts Let, 1956/57* | | | | |
| 688 | Irishman Creek–Aldridge | 9.39 | 7.04 | Project completed | 100 |
| 756 | Summit Creek–Creston | 6.17 | 4.07 | Project completed | 100 |
| 776 | Castlegar–Sheep Lake (Section 1) | 6.76 | 3.86 | Project completed | 100 |
| 777 | Christina Lake–Sheep Lake (Section 2) | 5.32 | 4.00 | Work continuing | 79 |
| | (*c*) *Contracts Let, 1957/58* | | | | |
| 756 | Summit Creek–Creston | ..... | ..... | Additional 4-mile extension, clearing and grubbing; work continuing | ..... |
| 870 | Summit Lake to junction of Highway No. 6 | 4.11 | 2.88 | Work continuing | 70 |
| 878 | Castlegar–Sheep Lake (Section 2) | 8.76 | 1.23 | Work continuing | 14 |
| | Total miles let, Southern Trans-Provincial Highway, 1957/58 | 12.87 | ..... | | |
| | Total miles built, Southern Trans-Provincial Highway, 1957/58 | ..... | 26.80 | | |
| | CARIBOO HIGHWAY | | | | |
| | (*a*) *Contracts Let, 1955/56* | | | | |
| 617 | Quesnel Airport–Cottonwood River | 8.23 | 0.13 | Project completed | 100 |
| | (*b*) *Contracts Let, 1956/57* | | | | |
| 754 | Cottonwood River–Strathnaver | 20.93 | 12.06 | Work continuing | 71 |
| 755 | Canyon Creek–Cale Creek | 24.53 | 13.00 | Work continuing | 74 |
| | (*c*) *Contracts Let, 1957/58* | | | | |
| | *Nil* | ..... | ..... | | |
| | Total miles let, Cariboo Highway, 1957/58 | *Nil* | ..... | | |
| | Total miles built, Cariboo Highway, 1957/58 | ..... | 25.19 | | |

## HIGHWAY-CONSTRUCTION CONTRACTS—*Continued*

| Project No. | Section | Total Length | Miles Constructed or Reconstructed, 1957/58 | Remarks | Per Cent Completed to Date |
|---|---|---|---|---|---|
| | OKANAGAN HIGHWAY | | | | |
| | *(a) Contracts Let, 1956/57* | | | | |
| 809 | Powers Creek section | 1.18 | 0.77 | Project completed | 100 |
| | *(b) Contracts Let, 1957/58* | | | | |
| | *Nil* | ------ | ------ | | |
| | Total miles let, Okanagan Highway, 1957/58 | *Nil* | ------ | | |
| | Total miles built, Okanagan Highway, 1957/58 | ------ | 0.77 | | |
| | NORTHERN TRANS-PROVINCIAL HIGHWAY | | | | |
| | *(a) Contracts Let, 1955/56* | | | | |
| 651 | Lamming Mills–Lot 7064 | ------ | ------ | 7.53 miles clearing and grubbing contract (only); project completed | 100 |
| | *(b) Contracts Let, 1956/57* | | | | |
| 778 | Blackwater Road–Sweden Creek | 10.04 | 6.83 | Work continuing | 78 |
| 779 | Lamming Mills west | 11.85 | 3.05 | Work continuing | 30 |
| | *(c) Contracts Let, 1957/58* | | | | |
| 882 | Burns Lake–Tintagel | 7.66 | 0.84 | Work continuing | 11 |
| 893 | Tabor Lake–Willow River | 3.71 | 0.22 | Work continuing | 6 |
| 893 | Tabor Lake–Willow River | ------ | ------ | Additional 6.52 miles clearing and grubbing (only) included in contract; work continuing | ------ |
| | Total miles let, Northern Trans-Provincial Highway, 1957/58 | 11.37 | ------ | | |
| | Total miles built, Northern Trans-Provincial Highway, 1957/58 | ------ | 10.94 | | |
| | SQUAMISH HIGHWAY | | | | |
| | *(a) Contracts Let, 1954/55* | | | | |
| 552 | Horseshoe Bay north | 7.32 | 0.95 | Work continuing | 95 |
| | *(b) Contracts Let, 1955/56* | | | | |
| 644 | Alberta Bay–Porteau | 7.91 | 3.48 | Work continuing | 87 |
| 654 | Porteau–Britannia Beach | 3.48 | 0.48 | Project completed | 100 |
| | *(c) Contracts Let, 1956/57* | | | | |
| | *Nil* | ------ | ------ | | |
| | *(d) Contracts Let, 1957/58* | | | | |
| 691 | Porteau–Britannia Beach | 1.61 | 1.35 | Grading by P.G.E.; work continuing | 84 |
| | Total miles let, Squamish Highway, 1957/58 | 1.61 | ------ | | |
| | Total miles built, Squamish Highway, 1957/58 | ------ | 6.26 | | |
| | KOOTENAY–COLUMBIA HIGHWAY | | | | |
| | *(a) Contracts Let, 1956/57* | | | | |
| 767 | South Vermilion Canyon section | 1.67 | 1.17 | Project completed | 100 |

## HIGHWAY-CONSTRUCTION CONTRACTS—*Continued*

| Project No. | Section | Total Length | Miles Constructed or Reconstructed, 1957/58 | Remarks | Per Cent Completed to Date |
|---|---|---|---|---|---|
| | KOOTENAY-COLUMBIA HIGHWAY—*Continued* | | | | |
| | *(b) Contracts Let, 1957/58* | | | | |
| | *Nil* | ------ | ------ | | |
| | Total miles let, Kootenay-Columbia Highway, 1957/58 | *Nil* | ------ | | |
| | Total miles built, Kootenay-Columbia Highway, 1957/58 | ------ | 1.17 | | |
| | NORTH THOMPSON HIGHWAY | | | | |
| | *(a) Contracts Let, 1956/57* | | | | |
| 692 | Heffley Canyon section | 2.69 | 0.73 | Project completed | 100 |
| | *(b) Contracts Let, 1957/58* | | | | |
| | *Nil* | ------ | ------ | | |
| | Total miles let, North Thompson Highway, 1957/58 | *Nil* | ------ | | |
| | Total miles built, North Thompson Highway, 1957/58 | ------ | 0.73 | | |
| | TERRACE-KITIMAT HIGHWAY | | | | |
| | *(a) Contracts Let, 1955/56* | | | | |
| 629 | Lakelse-Kitimat River | 8.85 | 4.28 | Work continuing | 97 |
| 643 | Kitimat River-Kitimat | ------ | ------ | 15.43 miles clearing and grubbing contract (only); project completed | 100 |
| | *(b) Contracts Let, 1956/57* | | | | |
| 693 | Kitimat River-Kitimat | 15.43 | 11.93 | Project completed | 100 |
| | *(c) Contracts Let, 1957/58* | | | | |
| | *Nil* | ------ | ------ | | |
| | Total miles let, Kitimat Highway, 1957/58 | *Nil* | ------ | | |
| | Total miles built, Kitimat Highway, 1957/58 | ------ | 16.21 | | |
| | OTHER HIGHWAYS | | | | |
| | *Contracts Let, 1956/57* | | | | |
| 756 | Connection to present Southern Trans-Provincial Highway | 0.77 | 0.60 | Work continuing | 90 |
| 788 | Elko-Roosville, Elko-Roosville Highway | 22.90 | 19.05 | Work continuing | 95 |
| 797 | Port Edward-Cassiar Cannery | ------ | ------ | Clearing contract (only)—contractor abandoned project, being completed by day-labour | ------ |
| 818 | Southern approaches to Oak Street Bridge | 3.39 | 1.39 | Project completed (project consisted of 0.27 mile of four-lane (divided) and 3.12 miles of one- and two-lane connections) | 100 |
| | *Contracts Let, 1957/58* | | | | |
| 790 | Boundary Road-North Road, Lougheed Highway | 6.33 | 4.30 | Widening project from two lanes to four lanes (undivided); work continuing | 68 |
| ------ | North Road connection to Lougheed Highway | 0.29 | ------ | Work continuing | ------ |

## HIGHWAY-CONSTRUCTION CONTRACTS—*Continued*

| Project No. | Section | Total Length | Miles Constructed or Reconstructed, 1957/58 | Remarks | Per Cent Completed to Date |
|---|---|---|---|---|---|
| | OTHER HIGHWAYS—*Continued* | | | | |
| | *Contracts Let, 1957/58*—Continued | | | | |
| 821 | Aggasiz–Rosedale Highway connection to new Trans-Canada Highway | 0.38 | ..... | Work continuing | ..... |
| 881 | Pouce Coupe–Alberta Boundary, Dawson Creek–Alberta Boundary Highway | 16.46 | 3.46 | Work continuing | 21 |
| 883 | Sawmill Point–Hotel Creek, Stewart–Cassiar Road | 25.55 | 1.53 | Mining-road; work continuing | 6 |
| 886 | Kennedy River section, Alberni–Tofino Highway | 8.51 | 1.02 | Work continuing | 12 |
| 895 | Marine Drive, West Vancouver | 0.93 | 0.88 | Widening from two lanes to four lanes (undivided); work continuing | 95 |
| 895 | Taylor Way, West Vancouver | 0.75 | 0.71 | | 95 |
| | Total miles let, Other Highways, 1957/58 | 59.20 | ..... | | |
| | Total miles built, Other Highways, 1957–58 | ..... | 32.94 | | |
| | SUMMARY | | | | |
| | Total mileage let, All Highways, 1957/58 | 149.33 | ..... | | |
| | Total mileage constructed or reconstructed, All Highways, 1957/58 | ..... | 184.18 | | |

## TENDERS RECEIVED AND CONTRACTS AWARDED (PAVING), FISCAL YEAR 1957/58

(*See* report of Paving Engineer for location of projects and description of work.)

| Description of Work and Names of Tenderers | Amount of Tenders at Unit Rates Based on Estimated Quantities | Remarks |
|---|---|---|
| PROJECT NO. S-5701—NEW MCLELLAN ROAD AND TRANS-CANADA HIGHWAY, LANGLEY TO ALDERGROVE AND MATSQUI TO ABBOTSFORD: | | |
| Columbia Bitulithic Ltd. | $492,946.00 | Awarded. |
| City Construction Co. Ltd. | $506,573.00 | |
| General Construction Co. Ltd. | 513,408.00 | |
| Commonwealth Construction Co. Ltd. | 527,537.50 | |
| PROJECT NO. S-5702—POWELL RIVER HIGHWAY AND GILLIES BAY ROAD (TEXADA ISLAND): | | |
| Western Paving Ltd. | 281,410.50 | Awarded. |
| General Construction Co. Ltd. | $340,894.00 | |
| City Construction Co. Ltd. | 357,050.00 | |
| Columbia Bitulithic Ltd. | 360,284.50 | |
| Poole Engineering Co. Ltd. | 365,829.00 | |
| PROJECT NO. S-5703—TRANS-CANADA HIGHWAY, CHILLIWACK–ROSEDALE–BRIDAL FALLS: | | |
| General Construction Co. Ltd. | 220,677.50 | Awarded. |
| Columbia Bitulithic Ltd. | $227,731.50 | |
| Commonwealth Construction Co. Ltd. | 240,055.00 | |
| City Construction Co. Ltd. | 246,979.87 | |
| PROJECT NO. S-5704—VARIOUS HIGHWAYS IN VICINITY OF VANCOUVER, NORTH VANCOUVER, WEST VANCOUVER, PORT MOODY, IOCO, BURNABY, AND HANEY: | | |
| Dawson, Wade & Co. Ltd. and Commonwealth Construction Co. Ltd. | 450,744.20 | Awarded. |

# TENDERS RECEIVED AND CONTRACTS AWARDED (PAVING), FISCAL YEAR 1957/58—*Continued*

| Description of Work and Names of Tenderers | Amount of Tenders at Unit Rates Based on Estimated Quantities | Remarks |
|---|---|---|
| PROJECT NO. S-5704—VARIOUS HIGHWAYS IN VICINITY OF VANCOUVER, NORTH VANCOUVER, WEST VANCOUVER, PORT MOODY, IOCO, BURNABY, AND HANEY—*Continued.* | | |
| Columbia Bitulithic Ltd. | $471,521.25 | |
| General Construction Co. Ltd. | 477,307.45 | |
| City Construction Co. Ltd. | 497,147.10 | |
| PROJECT NO. S-5705—VARIOUS HIGHWAYS, COURTENAY AND COMOX: | | |
| General Construction Co. Ltd. | 237,090.00 | Awarded. |
| City Construction Co. Ltd. | $238,240.00 | |
| Columbia Bitulithic Ltd. | 245,205.00 | |
| Dawson, Wade & Co. Ltd. | 249,765.00 | |
| Storms Contracting Co. (Pacific) Ltd. | 250,363.10 | |
| PROJECT NO. S-5721—SOUTHERN TRANS-PROVINCIAL HIGHWAY, NORTH AND SOUTH OF OLIVER: | | |
| Storms Contracting Co. (Pacific) Ltd. | 288,785.90 | Awarded. |
| Dawson, Wade & Co. Ltd. | $300,760.00 | |
| General Construction Co. Ltd. | 308,265.00 | |
| Marwell Paving Co. and Mannix-O'Sullivan Paving Co. Ltd. | 315,180.00 | |
| Commonwealth Construction Co. Ltd. | 324,615.00 | |
| PROJECT NO. S-5722—PRINCETON–KAMLOOPS HIGHWAY, VARIOUS SECTIONS: | | |
| Dawson, Wade & Co. Ltd. | 360,841.50 | Awarded. |
| Storms Contracting Co. (Pacific) Ltd. | $366,208.00 | |
| Commonwealth Construction Co. Ltd. | 376,930.00 | |
| Marwell Paving Co. Ltd. and Mannix-O'Sullivan Paving Co. Ltd. | 398,357.50 | |
| PROJECT NO. S-5724—OKANAGAN HIGHWAY (OYAMA NORTH) AND MARA LAKE ROAD: | | |
| Storms Contracting Co. (Pacific) Ltd. | 289,246.55 | Awarded. |
| Marwell Paving Co. Ltd. | $291,112.50 | |
| Commonwealth Construction Co. Ltd. | 295,632.50 | |
| Dawson, Wade & Co. Ltd. | 304,527.50 | |
| General Construction Co. Ltd. | 309,825.00 | |
| PROJECT NO. S-5761—NORTHERN TRANS-PROVINCIAL HIGHWAY, HOUSTON WEST AND ROSE LAKE WEST: | | |
| Poole Engineering Co. Ltd. | 642,710.00 | Awarded. |
| Marwell Paving Co. Ltd. and Mannix-O'Sullivan Paving Co. Ltd. | $649,645.00 | |
| Columbia Bitulithic Ltd. | 661,208.75 | |
| General Construction Co. Ltd. | 712,250.00 | |
| PROJECT NO. S-5762—(1) NORTHERN TRANS-PROVINCIAL HIGHWAY, MILE 11 TO MILE 27 WEST OF VANDERHOOF, 16 MILES OF PLANT-MIX PAVEMENT; (2) FORT ST. JAMES ARTERIAL, 2 MILES ROAD-MIX PAVEMENT: | | |
| Marwell Paving Co. Ltd. and Mannix-O'Sullivan Paving Co. Ltd. | 476,695.00 | Contract not awarded. |
| Poole Engineering Co. Ltd. | 482,335.00 | |
| Dawson, Wade & Co. Ltd. | 485,220.00 | |
| PROJECT NO. S-5781—TRANS-CANADA HIGHWAY, CACHE CREEK–LEMONADE FLATS: | | |
| Commonwealth Construction Co. Ltd. | 215,071.25 | Awarded. |
| Dawson, Wade & Co. Ltd. | $218,240.75 | |
| Storms Contracting Co. (Pacific) Ltd. | 220,505.42 | |
| Columbia Bitulithic Ltd. | 226,134.25 | |
| PROJECT NO. S-5782—TRANS-CANADA HIGHWAY, CANOE–SICAMOUS: | | |
| Marwell Paving Co. Ltd. and Mannix-O'Sullivan Paving Co. Ltd. | 238,118.00 | Awarded. |
| Commonwealth Construction Co. Ltd. | $243,145.75 | |
| Storms Contracting Co. (Pacific) Ltd. | 244,659.55 | |
| General Construction Co. Ltd. | 246,857.50 | |
| Dawson, Wade & Co. Ltd. | 255,323.00 | |
| PROJECT NO. S-5783—TRANS-CANADA HIGHWAY, AMERICAN CREEK–YALE SECTION, MILE 177.47 TO MILE 178.91, 1.44 MILES OF PLANT-MIX PAVEMENT: | | |
| General Construction Co. Ltd. | 34,046.10 | Contract not awarded. |
| City Construction Co. Ltd. | 36,613.00 | |

# SUMMARY OF PAVING PROGRAMME, 1957/58

## PAVING

| | Carried Over from 1956 | Let in 1957 | Completed in 1957 |
|---|---|---|---|
| Trans-Canada Highway | 5 | 2 | 7[1] |
| Provincial highways | 7 | 9 | 16 |

[1] Trans-Canada Highway Contract No. 66 was transferred from Trans-Canada Highway to Provincial highways. Provincial Contract No. 68 was extended to include T.C.H. Upper Levels Highway.

## CONTRACT WORK

| | Unit | Trans-Canada Highway | Provincial | Total |
|---|---|---|---|---|
| Asphaltic concrete pavement— | | | | |
| Region No. 1 | Miles | 10.59 | 80.19 | 90.78 |
| Region No. 2 | Miles | 37.10 | 67.73 | 104.83 |
| Region No. 3 | Miles | ..... | ..... | ..... |
| Region No. 4 | Miles | ..... | 21.00 | 21.00 |
| Totals | | 47.69 | 168.92 | 216.61 |
| Base gravel compacted in place— | | | | |
| Pit run | Tons | ..... | 130,821 | 130,821 |
| 2-inch crushed | Tons | 5,065 | 345,829 | 350,894 |
| 1½-inch crushed | Tons | ..... | 118,328 | 118,328 |
| ¾-inch crushed | Tons | 29,458 | 579,360 | 608,908 |
| Sand | Tons | ..... | 2,734 | 2,734 |
| Shouldering gravel in place | Tons | 47,078 | 100,277 | 146,355 |
| Prime applied | Gal. | 56,167 | 542,995 | 599,162 |
| Asphalt, road-mixed base | Gal. | 50,266 | 403,896 | 454,162 |
| Asphaltic, plant-mixed base | Gal. | 7,696 | 14,914 | 22,610 |
| Road-mixed pavement | Miles | ..... | 3.7 | 3.7 |
| | Gal. | ..... | 47,003 | 47,003 |
| Machine-laid hot mix | Tons | 96,145 | 416,458 | 512,603 |
| Hot mix supplied to districts | Tons | ..... | 2,218 | 2,218 |
| Concrete curb and gutter | Lin. Ft. | ..... | 41,522 | 41,522 |
| Storm-drain, 8 to 30 inches | Lin. Ft. | ..... | 8,217 | 8,217 |
| Plant-mixed cold-laid pavement | Miles | ..... | 9.75 | 9.75 |
| | Gal. | ..... | 201,452 | 201,452 |

## ASPHALT STABILIZATION BY DEPARTMENTAL PULVIMIXER CREWS

| | Region No. 1 | Region No. 2 | Region No. 3 | Region No. 4 | Total |
|---|---|---|---|---|---|
| Base processing— | Miles | Miles | Miles | Miles | Miles |
| Trans-Canada Highway | 1.50 | 17.22 | ..... | ..... | 18.72 |
| Provincial highways | 29.35 | 4.22 | 2.20 | ..... | 35.77 |
| Road-mix surfacing | ..... | 5.00 | 38.50 | 48.60 | 92.10 |
| Mixing, all types | ..... | ..... | ..... | ..... | 146.59 |
| Hauled gravel surfacing | ..... | ..... | ..... | 9.1 | 9.1 |
| Flush-coating | ..... | ..... | ..... | 13.0 | 13.0 |

## SUMMARY OF PAVING PROGRAMME, 1957/58—*Continued*

### CONTRACT SURFACING PROGRAMME

| Project | Highway and Section | Miles |
|---|---|---|
| *Plant-mix Pavement* | | |
| S-56 (1956/57 contract) | Trans-Canada Highway, Malahat | 0.59 |
| S-57 (1956/57 contract) | Trans-Canada Highway, Cobble Hill | 2.00 |
| S-59 (1956/57 contract) | Trans-Canada Highway, Salkeld Flats to Boothroyd | 4.10 |
| S-65 (1956/57 contract) | Trans-Canada Highway, Three Valley Lake | 3.25 |
| S-68 (1956/57 contract) | Trans-Canada Highway, Horseshoe Bay to Taylor Way, West Vancouver (Upper Levels) | 8.00 |
| S-5781 (1957/58 contract) | Trans-Canada Highway, Cache Creek to Lemonade Flats | 18.25 |
| S-5782 (1957/58 contract) | Trans-Canada Highway, Canoe to Sicamous | 11.50 |
| | Total, Trans-Canada Highway (plant mix) | 47.69 |
| S-66 (1956/57 contract) | Present Trans-Canada Highway (Big Bend), Revelstoke Park Gate east | 2.91 |
| | Revelstoke and vicinity, Wilson St. and Wales St. | 0.50 |
| | Revelstoke and vicinity, Wales St. to McKenzie | 0.70 |
| | Revelstoke and vicinity, Ninth St. to Railway Crossing | 0.15 |
| | Revelstoke and vicinity, Tenth St. to Bigby Ave. | 0.10 |
| | Revelstoke and vicinity, N.W. ½ 23 at Farm to No. 10 South | 0.50 |
| | Revelstoke and vicinity, Bell St., Prospect Road, to No. 10 South | 0.15 |
| S-67 (1956/57 contract) | Island Highway, Wellington to Lantzville | 3.50 |
| | Island Highway Arterial in Nanaimo, Trans-Canada Highway to Comox Road | 0.63 |
| S-68 (1956/57 contract) | Albion Ferry Road, Kanaka Creek to Albion Ferry | 1.95 |
| S-69 (1956/57 contract) | Princeton–Kamloops Highway, Willow Ranch to Stump Lake and Cardeau Hill to McConnell Lane | 11.10 |
| S-5722 (1957/58 contract) | Princeton–Kamloops Highway, Mile 12.3 to Mile 16.5 south of Kamloops (McConnell Lane to Willow Ranch) | 4.20 |
| | Princeton–Kamloops Highway, Mile 7 to Mile 17.7 north of Merritt | 10.70 |
| | Princeton–Kamloops Highway, Mile 71 to Mile 74.4 south of Spences Bridge | 3.70 |
| | Princeton–Kamloops Highway, Mile 17.6 to Mile 22.6 north of Princeton | 5.00 |
| S-73 (1956/57 contract) | Victoria St., Prince George, Fourth Ave. to Twelfth Ave. and Pine St., Queen's Way to Twentieth Ave. | 1.60 |
| S-74 (1956/57 contract) | Fort St. John Airport Road and arterials (Centre St. and Highway St.) | 4.50 |
| S-78 (1956/57 contract) | Sunshine Coast Highway, Powell River to Westview | 1.70 |
| S-5701 (1957/58 contract) | New McLellan Road (10-125R), Scott Road to King George VI Highway | 2.70 |
| | Present Trans-Canada Highway (3R), Nicomekl Bridge (Langley) east to Aldergrove | 7.70 |
| | Present Trans-Canada Highway (5-4R), Matsqui Municipal Boundary to Abbotsford | 7.90 |
| S-5702 (1957/58 contract) | Ocean View Ave., Powell River, Mill St. to First St. | 2.40 |
| | Sechelt–Pender Harbour Road, Mile 14.3 to Klein Junction | 9.60 |
| | Madeira Park (Pender Harbour) | 0.50 |
| S-5703 (1957/58 contract) | Present Trans-Canada Highway, Chilliwack to Rosedale | 5.50 |
| | Present Trans-Canada Highway, Rosedale (including 0.20 mile of curb and gutter) | 0.90 |
| | Present Trans-Canada Highway, Rosedale to Bridal Falls | 2.50 |
| S-5704 (1957/58 contract) | Chancellor Boulevard, Vancouver, from Arcadia Road to Marine Drive, recap | 0.60 |
| | Marine Drive, Vancouver, City Boundary to University, recap | 1.60 |
| | Third St., North Vancouver (157R), from Lonsdale Ave. to St. Davids, with curb and gutter | 0.50 |
| | Third St., North Vancouver (157R), from St. Davids to City Boundary | 1.26 |
| | Main St., North Vancouver, from City Boundary to Mountain Highway | 0.50 |
| | Marine Drive, Nelson Ave. toward Whytecliff, recap | 0.90 |
| | Hastings–Barnet Highway (3-14R), from Westridge Subdivision easterly | 2.00 |
| | Barnet Highway (11-200R), Port Moody westerly | 1.47 |
| | Ioco Road (11-57R), from Overhead to Ioco | 3.10 |
| | Edmonds St., Burnaby (241R), from Kingsway to Grandview Highway, with curb and gutter | 0.63 |
| | Lougheed Highway, Haney (22R), from Sixth Ave. to Eighth Ave. and Ninth Ave. to Nine and One-half Ave., with curb and gutter | 0.37 |
| S-5705 (1957/58 contract) | Courtenay Arterial (32R), Comox Road and Sixth St., recap | 0.30 |
| | Courtenay Arterial (32R), Sixth St. to Twenty-first St. | 0.83 |
| | Island Highway, Courtenay City Limits to Trent River Bridge | 4.50 |
| | Comox Road, Courtenay to Comox Village Boundary, recap | 3.20 |
| | Comox Ave., Comox (234R), West Boundary to Anderton Road, scarify and repave | 0.71 |
| | Anderton Road Arterial (234R) and Anderton Road from Village Limits to Ryan Road, recap | 2.73 |
| S-5721 (1957/58 contract) | Southern Trans-Provincial Highway, Oliver to McIntyre Bridge No. 33 | 3.60 |
| | Southern Trans-Provincial Highway, Oliver South Boundary to Graveyard Hill | 8.80 |

## SUMMARY OF PAVING PROGRAMME, 1957/58—*Continued*

### CONTRACT SURFACING PROGRAMME—*Continued*

| Project | Highway and Section | Miles |
|---|---|---|
| *Plant-mix Pavement*—Continued | | |
| S-5724 (1957/58 contract) | Okanagan Highway, Oyama north | 4.22 |
| | Mara Lake Road, Sicamous toward Grindrod | 11.40 |
| S-5761 (1957/58 contract) | Northern Trans-Provincial Highway, Houston west | 14.90 |
| 790 (highway project) | Lougheed Highway, Boundary Road to North Road | 2.66 |
| 818 (highway project) | Vancouver–Blain Highway, connection to Middle Arm Bridge and other approaches | 3.39 |
| Oak St. Bridge | | 1.25 |
| Middle Arm Bridge | | 0.21 |
| | Total, Provincial highways (plant mix) | 168.92 |
| *Road-mix Pavement* | | |
| S-5761 (1957/58 contract) | Northern Trans-Provincial Highway, Rose Lake west | 9.10 |
| S-5702 (1957/58 contract) | Vananda to Gillies Bay, Texada Island | 4.00 |
| | Total, Provincial highways (road mix) | 13.10 |

### PULVIMIXING BY DEPARTMENT CREWS

| Highway and Section | Base Process | Road Mix |
|---|---|---|
| Trans-Canada Highway, Malahat, Deer Lodge south | 1.50 | ------ |
| Trans-Canada Highway, Cache Creek to Lemonade Flats | 12.00 | ------ |
| Trans-Canada Highway, Sicamous to Annis | 5.22 | ------ |
| Northern Trans-Provincial Highway— | | |
| Rainbow Lake | ------ | 1.70 |
| Tyee east to Skeena West Boundary | ------ | 6.20 |
| Skeena West Boundary to Kwinitsa | ------ | 21.10 |
| Mile 11 to Mile 26 west of Vanderhoof (Fort Fraser to Engen) | ------ | 15.00 |
| Sinkut River | ------ | 0.30 |
| Mile 3.6 to Mile 8.1 west of Prince George | ------ | 4.50 |
| New Hazelton High Level Road to Old Hazelton | ------ | 4.50 |
| John Hart Highway, Summit Lake north | ------ | 12.00 |
| Fort St. James Arterial | ------ | 2.00 |
| Stoney Creek Road | ------ | 0.50 |
| Red Bluff Road (Quesnel southerly) | ------ | 1.30 |
| Barkerville Road (Quesnel Airport) | ------ | 0.30 |
| Cariboo Highway (Quesnel to Cottonwood River) | 8.20 | ------ |
| Bowen Island | ------ | 0.35 |
| Ashcroft–Cache Creek Highway | ------ | 5.00 |
| Okanagan Highway, Oyama north | 4.22 | ------ |
| Robson–Deer Park Road | ------ | 5.80 |
| Kootenay–Columbia Highway, Mile 18.5 to Mile 29.0 south of Golden | ------ | 10.50 |
| Nelson–Nelway Highway, Salmo south | ------ | 4.30 |
| Harrop–Procter Highway | ------ | 5.50 |
| Present Southern Trans-Provincial Highway, Pass Creek Bridge | ------ | 0.40 |
| Southern Trans-Provincial Highway, Curzon Overhead east and west | 2.20 | ------ |
| Vernon–Slocan Highway— | | |
| Nelson–Creston District Boundary south | ------ | 3.60 |
| Kaslo–Slocan District Boundary north (Passmore) | ------ | 1.40 |
| Slocan City south | ------ | 3.00 |
| Box Lake south | ------ | 4.00 |
| Totals | 33.34 | 113.25 |

# CONTRACT SURFACING PROGRAMME, 1956/57

## (Supplementary to Paving Engineer's summary, page 21, 1956/57 Report.)

### Plant-mix Paving Contracts

*Region No. 1*

| Highway and Section | Miles |
|---|---|
| Trans-Canada Highway— | |
| Lorenzetti Creek to Hunter Creek | 3.50 |
| Cowichan-Newcastle District Boundary north (Vancouver Island) | 4.99 |
| Oyster Bay section (Vancouver Island) | 1.00 |
| Project No. S-56—Malahat, vicinity of Hall's Boat-house (Vancouver Island) | 0.27 |
| Project No. S-57—Cobble Hill section (Vancouver Island), not completed | ..... |
| Arbutus Creek–Malahat Chalet section (Vancouver Island) | 2.95 |
| Cobble Hill–Cowichan Bay section (Vancouver Island) | 2.78 |
| Ladysmith section | 1.41 |
| Total, Trans-Canada Highway, plant-mix paving | 16.90 |
| Scott Road and Kennedy Crossing (133R and 139R) | 0.30 |
| Beubien Road east to King George VI Highway | 2.20 |
| Present Trans-Canada Highway at Frys Corner (2R), recap | 0.70 |
| Pacific Highway, Cloverdale south (13R), curb and gutter and pave | 0.90 |
| Pacific Highway, Cloverdale (13R), Broadway to Old McLellan Road | 0.30 |
| Present Trans-Canada Highway— | |
| Murrayville Hill section, 12-ft. lane (3R) | 0.90 |
| Abbotsford Arterial (149R), with curb and gutter | 0.30 |
| Abbotsford Arterial (5R), with curb and gutter | 0.30 |
| Abbotsford–Mission Highway— | |
| Hazel St. and Pine St. | 0.10 |
| Douglas St., First Ave. to International Ave. | 0.07 |
| Customs By-pass at Huntingdon | 0.03 |
| McGrath Road (9R) | 1.80 |
| Port Alberni Arterial, Redford St. (225R) | 0.43 |
| Alberni Arterial (33R) to east boundary | 0.20 |
| Brechin Hill Road (Nanaimo-Islands District) | 0.55 |
| Island Highway— | |
| Campbell River Arterial (120R) to Campbell River Bridge | 0.62 |
| Duncan Bay to Menzies Bay | 5.00 |
| Lougheed Highway— | |
| Brunette St. to Essondale (166R) | 2.70 |
| Harrison Bay Bluffs to Harrison River Bridge (21R) | 1.50 |
| 0.5 mile east of Harrison River Bridge easterly | 2.43 |
| Agassiz–Rosedale Highway— | |
| North approach to toll-bridge | 0.98 |
| Surfacing toll-bridge | 1.20 |
| South approach to toll-bridge | 1.50 |
| Harbour St., Mission (29 to 49 ft. wide) | 0.22 |
| Farms Road, Hatzic Prairie, from Cyr Bridge to Legace Bridge | 2.85 |
| Rennie Road, Pitt Polder | 1.00 |
| Hastings–Barnet Highway— | |
| Westbridge Cut-off (14R) | 0.85 |
| North Road to Nicholl's Chemical Plant (14R) | 0.68 |
| North approaches, Pattullo Bridge— | |
| 20 to 26 ft. wide | 0.45 |
| 48 ft. wide | 0.58 |
| Vancouver–Coquitlam Highway— | |
| Aliceville to North Road (200R) | 0.62 |
| Douglas St. to Elgin St. (200R) | 0.12 |
| Mary St. to Moody St. (200R) | 0.20 |
| Northern Trans-Provincial Highway, Esker Bridge to Terrace | 20.20 |
| Sunshine Coast Highway— | |
| Sechelt north (Mile 15.2 to Mile 29.8 from Gibsons Landing) | 14.60 |
| Westview south (Mile 16.8 to Mile 19.2 from Saltery Bay) | 2.40 |
| Porpoise Bay Road, Sechelt to Porpoise Bay Wharf | 1.00 |
| Granthams Landing Road | 0.04 |
| Total, Provincial highways, plant-mix paving | 70.82 |

*Region No. 2*

| | |
|---|---|
| Trans-Canada Highway— | |
| Sorrento to Balmoral | 8.77 |
| Malakwa section | 3.46 |
| Oregon Jack Hill to Ashcroft Manor | 9.62 |
| Cherry Creek westerly (Highway Project No. 667) | 2.89 |
| Cornwall Lodge to Pumping Station | 5.83 |
| American Creek to Yale (Highway Project No. 479) | 1.96 |
| Total, Trans-Canada Highway, plant-mix paving | 32.53 |

## CONTRACT SURFACING PROGRAMME, 1956/57—*Continued*

PLANT-MIX PAVING CONTRACTS—*Continued*

*Region No. 2*—Continued

| Highway and Section | Miles |
|---|---|
| Okanagan Highway— | |
| Deep Creek south (Highway Project No. 649) | 6.50 |
| Antlers section | 0.20 |
| Peachland to Deep Creek | 2.60 |
| Oyama south (Woods Lake section) | 4.95 |
| Larkin to Armstrong (new by-pass) | 5.65 |
| Penticton Arterial (182R) to railway crossing, recap | 3.80 |
| Old Okanagan Highway south from Armstrong | 4.20 |
| Mara Lake Road, Grindrod east | 6.40 |
| Enderby streets (Mill, Maud, and Cliff Sts.) | 0.55 |
| Salmon River Road, Mile 11.7 to Mile 20.6 from Kamloops–Vernon Highway | 8.90 |
| Squilax–Anglemont Road, Squilax to Saratoga Lodge | 11.20 |
| North Thompson Highway— | |
| Heffley Canyon to McLure | 13.20 |
| Black Pool to Clearwater (Mile 71.1 to Mile 82.0) | 10.90 |
| Princeton–Kamloops Highway— | |
| Nicola Lake to Stump Lake (Mile 17 to Mile 28 from Merritt) | 12.00 |
| Stump Lake section (Mile 28 to Mile 29.2) | 1.20 |
| South of Merritt to Aspen Grove (Mile 44.1 to Mile 59 from Spences Bridge) | 14.90 |
| Belfort north (Mile 6.7 to Mile 19 north of Princeton) | 12.30 |
| Bridge St. and north, Princeton Arterial (194R), with curb and gutter | 0.45 |
| Princeton Secondary Highway, Vermilion St., with curb and gutter | 0.28 |
| Southern Trans-Provincial Highway— | |
| 3.1 miles east of Allison Pass Camp easterly, recap | 20.00 |
| Okanagan Falls southerly | 4.50 |
| Oliver Arterial (115R), with curb and gutter | 0.86 |
| Total, Provincial highways, plant-mix paving | 145.54 |

*Region No. 3*

| | |
|---|---|
| Waneta Highway, U.S. Border northerly | 6.65 |
| Present Southern Trans-Provincial Highway— | |
| Genelle section | 1.00 |
| Rossland Arterial (144R) | 0.50 |
| Trail–Salmo Highway, Trail Arterial (253R), Weir St. to Portland St. | 0.40 |
| Southern Trans-Provincial Highway— | |
| Curzon Junction to Yahk | 2.10 |
| Yahk easterly | 3.60 |
| Aldridge Bridge section | 0.30 |
| Creston Arterial and east | 2.00 |
| Gilpin to Christina Creek | 7.87 |
| Kootenay–Columbia Highway— | |
| Athalmer northerly | 4.30 |
| Radium to Edgewater | 8.15 |
| Yahk–Kingsgate Highway, U.S. Border to Curzon Junction | 7.05 |
| Creston–Porthill Highway, to U.S. Border | 6.25 |
| Erickson (unorganized) roads, various | 1.00 |
| Slocan–Vernon Highway— | |
| Southern Trans-Provincial Highway junction at South Slocan northerly | 4.50 |
| Vallican–Appledale diversion, commencing 1.2 miles north of district boundary | 12.00 |
| North of Perry Siding, commencing 15.4 miles from district boundary | 3.10 |
| Laurier–Cascade Highway, U.S. Border northerly | 1.60 |
| Total, Provincial highways, plant-mix paving | 72.37 |

*Region No. 4*

| | |
|---|---|
| Northern Trans-Provincial Highway— | |
| Mile 1.9 to Mile 2.3 west of Prince George city limits | 0.40 |
| Mile 1 to Mile 11 west of Vanderhoof village boundary | 10.00 |
| Mile 1.5 to Mile 18.2 west of Francis Lake Road, Burns Lake | 16.70 |
| Mile 1.2 to Mile 1.5 west of F.L. Road, Burns Lake, recap | 0.30 |
| Prince George Arterial, First Ave. (237R), recap | 0.10 |
| Prince George Secondary Highway, Queens St. (133B) | 2.00 |
| Cariboo Highway, southerly from Mile 1.1 south of Northern Trans-Provincial Highway | 3.70 |
| John Hart Highway— | |
| Mile 15.8 to Mile 16.2 north of Nechako Bridge | 0.40 |
| Commotion Creek to Wabi Hill | 1.10 |
| Arras to Dawson Creek | 11.30 |
| Various sections, recap | 2.00 |
| Dawson Creek arterials— | |
| Alaska Highway | 0.15 |
| Eighth St. (209R) | 0.40 |
| Total, Provincial highways, plant-mix paving | 48.55 |

## CONTRACT SURFACING PROGRAMME, 1956/57—*Continued*

SEAL-COAT CONTRACTS

*Region No. 2*

| Highway and Section | Miles |
|---|---|
| Project No. S-76—Cariboo Highway, 100-Mile House northerly | 33.8 |
| Project No. S-76—Kamloops-Vernon Highway, Falkland to O'Keefe | 14.5 |
| Total, Provincial highways, seal-coat paving | 48.3 |

## SUMMARY OF 1956 SURFACING OPERATIONS, CONTRACT WORK

(Mileages adjusted from summary on page 26, 1956/57 Report.)

| | Trans-Canada Highway | Provincial Highways | Total |
|---|---|---|---|
| High-type pavement (plant mix)— | Miles | Miles | Miles |
| Region No. 1 | 16.90 | 70.82 | 87.72 |
| Region No. 2 | 32.53 | 145.54 | 178.07 |
| Region No. 3 | ..... | 72.37 | 72.37 |
| Region No. 4 | ..... | 48.55 | 48.55 |
| Totals | 49.43 | 337.28 | 386.71 |
| Seal-coat—Region No. 2 | ..... | 48.3 | 48.3 |

## PULVIMIXING BY DEPARTMENT CREWS (SURFACING BRANCH)

(Supplementary to Paving Engineer's summary, page 21, 1956/57 Report.)

| Highway and Section | Base Process | Road Mix |
|---|---|---|
| *Region No. 1* | | |
| Trans-Canada Highway— | | |
| Arbutus Creek to Malahat Chalet | 3.30 | ------- |
| Oyster Bay section | 1.00 | ------- |
| Cobble Hill to Koksilah | 8.00 | ------- |
| Total, Trans-Canada Highway, base process | 12.30 | ------- |
| Northern Trans-Provincial Highway, Mile 7.7 to Mile 17.7 from Prince Rupert | ------- | 10.00 |
| *Region No. 2* | | |
| Trans-Canada Highway— | | |
| Cache Creek easterly | 7.40 | ------- |
| Cherry Creek westerly | 3.00 | ------- |
| Cornwall Lodge to Pumping Station | 6.00 | ------- |
| Total, Trans-Canada Highway, base process | 16.40 | ------- |
| *North Thompson Highway*— | | |
| Thompson Bridge, Kamloops, to C.N.R. Junction Road | ------- | 4.50 |
| Heffley Canyon to McLure | 13.20 | ------- |
| Black Pool–Clearwater section | 6.00 | ------- |
| Princeton–Kamloops Highway, Stump Lake section | 1.50 | ------- |
| Squilax–Anglemont Road, Squilax to Saratoga Lodge | 11.20 | ------- |
| Southern Trans-Provincial Highway, Okanagan Falls southerly (Vaseux Lake) | 5.00 | ------- |
| Salmon River Road, northerly from Mile 11.7 to Mile 20.7 from Kamloops–Vernon Highway | 9.00 | ------- |
| Total, Provincial highways, base process and road mix | 45.90 | 4.50 |
| *Region No. 3* | | |
| Southern Trans-Provincial Highway— | | |
| Yahk easterly | 3.50 | ------- |
| Aldridge Bridge section | 0.30 | ------- |
| Present Southern Trans-Provincial Highway— | | |
| Genelle section | 1.00 | ------- |
| Rossland Arterial (144R) | 0.50 | ------- |
| Creston–Porthill Highway | 3.00 | ------- |
| Nelson–Nelway Highway (U.S. Border) | ------- | 2.00 |
| Slocan–Vernon Highway, Vallican–Appledale diversion | 12.80 | ------- |
| Kootenay–Columbia Highway— | | |
| Radium to Edgewater | 8.15 | ------- |
| Athalmer northerly | 5.30 | ------- |
| Total, Provincial highways, base process and road mix | 34.55 | 2.00 |
| *Region No. 4* | | |
| Northern Trans-Provincial Highway, Vanderhoof west | 9.50 | ------- |

## SUMMARY OF PULVIMIX PROGRAMME BY SURFACING BRANCH

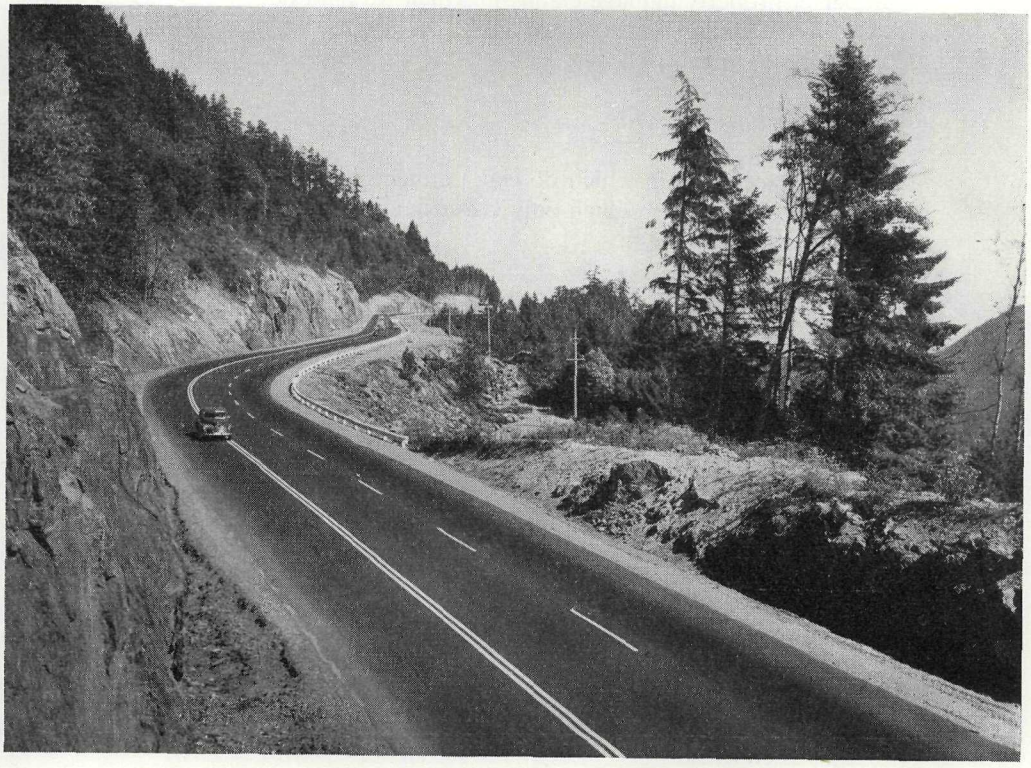
(Mileages adjusted from summary on page 26, 1956/57 Report.)

| | Trans-Canada Highway | | Provincial Highways | | Totals | |
|---|---|---|---|---|---|---|
| | Base Process | Road Mix | Base Process | Road Mix | Base Process | Road Mix |
| Region No. 1 | 12.30 | ------- | ------- | 10.00 | 12.30 | 10.00 |
| Region No. 2 | 16.40 | ------- | 45.90 | 4.50 | 62.30 | 4.50 |
| Region No. 3 | ------- | ------- | 34.55 | 2.00 | 34.55 | 2.00 |
| Region No. 4 | ------- | ------- | 9.50 | ------- | 9.50 | ------- |
| Totals | 28.70 | ------- | 89.95 | 16.50 | 118.65 | 16.50 |

E. C. WEBSTER,
*Director of Construction.*

# REPORT OF THE EQUIPMENT ENGINEER

Effective April 1st, 1957, the Machinery Account, in addition to covering the cost of repairs and maintenance of equipment, also covers the cost of fuel, lubricants, purchase of mechanical parts, and wages of mechanical personnel. During the year this fund was operated at a credit of $234.46 after the expenditure of $3,763,527.23 for repairs, fuel, garage stock, and garage overhead was deducted from the credit of $3,763,-761.69, derived from rental of equipment and sale of fuel and lubricants.



Trans-Canada Highway north of Victoria (Malahat).

The sum of $2,015,792.89 was expended in the purchase of new equipment, as follows: 19 motor-graders, 5 tractors, 25 loaders, 1 pull-grader, 1 air track drill, 2 compaction rollers, 2 asphalt distributers, 2 30-ton low-bed trailers, 3 road rollers, 214 trucks, 2 wobble-wheel rollers, 1 rotary snow-plough, and sundry small equipment.

As of March 31st, 1958, this department is operating a total of 1,282 trucks, an increase of 208 from the previous year.

In addition to the large quantity of small equipment, such as compressors, snow-ploughs, road rollers, trailers, etc., this department is operating the following list of heavy equipment as at March 31st, 1957: 2 mixing plants (bituminous), 7 crushers, 43 shovels, 210 motor-graders, 160 tractors, 10 screening plants, 7 pulvimixers, and 15 motor and pull scrapers.

F. A. MacLean,
*Equipment Engineer.*

# REPORT OF THE INSURANCE AND SAFETY OFFICER

Hereunder are listed the statistics of accidents involving Government vehicles:—

| | | |
|---|---|---|
| Total number of accidents | | 468[1] |
| Number of claims in which we recovered our repair cost | 88= | $8,892.63 |
| Recoveries pending | 24= | 4,581.12 |
| Total | | $13,473.75 |
| Number of property damage claims in which we paid out | 92= | $20,994.48[2] |
| Bodily injury claims | 4= | 2,360.52 |
| Various claims pending | 16= | 3,496.52 |
| Total | | $26,851.52 |
| Number of accidents in which no claim either side | | 253 |
| Number of accidents in which only Government vehicles involved | | 103 |

[1] In 1956/57 there were 443 accidents.
[2] Highest single property-damage claim, $7,937.38.

*Motor-vehicles Involved in Accidents*
(1956/57 figures in parentheses.)

| Department | Number | | Percentage of Accident Total | |
|---|---|---|---|---|
| Agriculture | 8 | (7) | 1.7 | (1.6) |
| Attorney-General | 17 | (26) | 3.6 | (5.9) |
| Finance | 11 | (11) | 2.4 | (2.4) |
| Forest Service | 118 | (112) | 25.2 | (25.3) |
| Health | 38 | (30) | 8.1 | (6.8) |
| Highways and Public Works | 207 | (211) | 44.2 | (47.6) |
| Lands | 3 | (5) | 0.7 | (1.2) |
| Recreation and Conservation | 29 | ----- | 6.2 | ------- |
| Welfare | 15 | (25) | 3.2 | (5.6) |
| All others | 22 | (16) | 4.7 | (3.6) |
| Totals | 468 | (443) | 100.0 | (100.0) |

*Comparisons by Years of Claims Paid or Pending against the Government*

| | | | |
|---|---|---|---|
| 1954/55 | $11,717 | 1956/57 | $16,230 |
| 1955/56 | 15,450 | 1957/58 | 26,851 |

*Damages Recovered or Pending Recovery*

| | | | |
|---|---|---|---|
| 1954/55 | $10,214 | 1956/57 | $17,065 |
| 1955/56 | 15,791 | 1957/58 | 13,473 |

*Damage Cost*

| | |
|---|---|
| Estimated damage to Government vehicles | $56,118 |
| *Less* damages recovered or pending recovery | 13,473 |
| Net cost to repair Government damage | $42,645 |
| *Add* claims paid, or pending, to others | 26,851 |
| Estimated total damage cost resulting from accidents | $69,496 |

*Workmen's Compensation Board Claims and Payments*

Workmen's Compensation Board claims, including medical care, are as follows:—

| | |
|---|---|
| Total payments in 1957 calendar year | $391,884[1] |
| Payments for claims which originated during 1957 | 230,466[1] |

[1] Includes two fatal accidents and six permanent partial disability accidents, $30,352.

Workmen's Compensation Board payments to Highways personnel are as follows:—

| | |
|---|---|
| Total 1957 payments in calendar year | $142,680[1] |
| Payments for claims originating in 1957 | 85,373[1] |

[1] Included are one fatal and four permanent partial disability accidents, $15,624.

Safety promotional work was carried out by films, posters, etc., and safety committees are functioning in most districts.

Nineteen meetings of the Interdepartmental Safety Committee were held, with an average attendance of seven members. We wish to express our thanks and appreciation to the members for their co-operation.

In addition to claims arising out of automobile accidents, a great many more claims of various kinds were dealt with, such as those arising on ferries, flood claims, bridges collapsing, bridge-decking failure, landslides, etc.

J. A. LONSBURY,
*Insurance and Safety Officer.*

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## REPORT OF THE SENIOR LOCATION ENGINEER

Highway location surveys and design completed during the fiscal year 1957/58 are detailed in the following report, totalling 432.23 miles of preliminary surveys and 134.80 miles of office design and estimates.

Aerial reconnaissance mapping of alternate routes for the Castlegar–Meadows Siding relocation of the Southern Trans-Provincial Highway was prepared to facilitate the selection of route. Aerial mapping was also provided to facilitate the location of the North Thompson Highway route from Blue River to the Alberta Boundary.

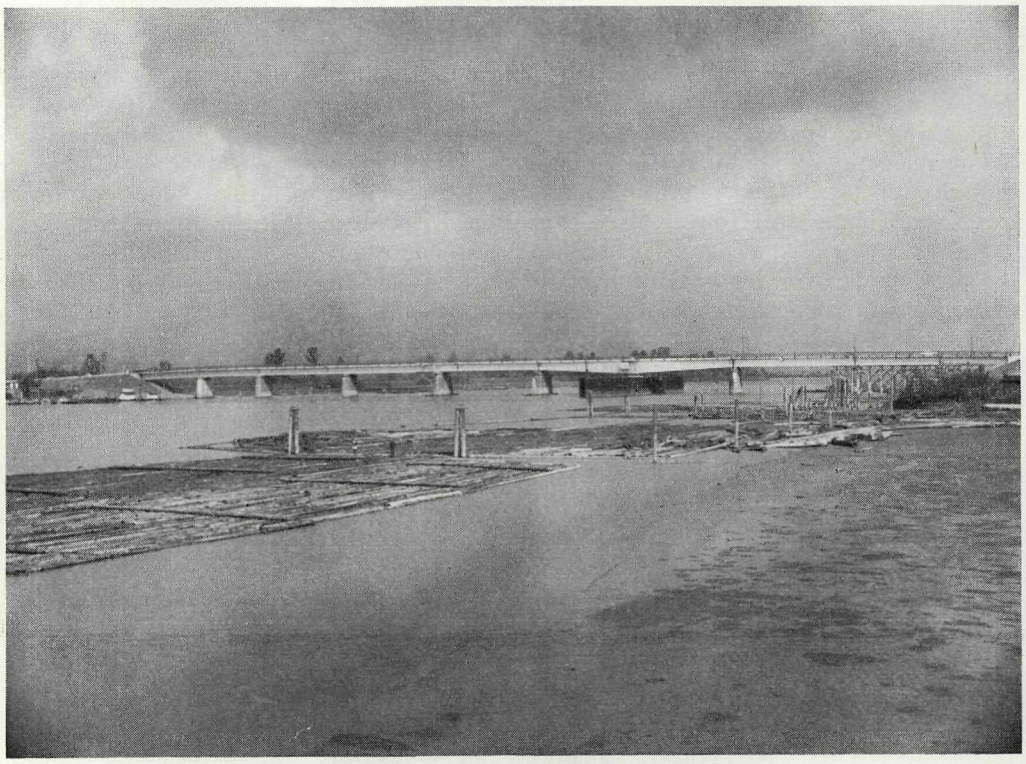
The completed mileage of final office design and estimates is substantially less than the previous year. This is a result of the intricate and involved freeway design being undertaken in connection with the Trans-Canada and Vancouver–Blaine Highways in the Lower Mainland.

The total cost of surveys amounted to $1,262,278.39, which is detailed as follows:—

| | |
|---|---|
| Trans-Canada Highway | $254,796.73 |
| General highways | 694,744.41 |
| Legal surveys | 99,818.46 |
| Mining-roads (Cassiar Road) | 212,918.79 |
| Total | $1,262,278.39 |

Legal surveys of right-of-way, completed by Department personnel, private land surveyors, and in conjunction with the Surveyor-General's Department, are not detailed in this report.

Sunset Creek Bridge, Vancouver–Squamish Highway.



Pitt River Bridge, Lougheed Highway.

# SURVEY REPORT, APRIL 1ST, 1957, TO MARCH 31ST, 1958

| | Total Mileage | Reconnaissance, 1957 | Aerial Mapping, 1957 | Preliminary Lines, 1957 | Location Survey, 1957 | Office Design, 1957 | Previously Completed Design |
|---|---|---|---|---|---|---|---|
| *Trans-Canada Highway* | | | | | | | |
| Horseshoe Bay Overhead | 0.41 | ..... | 1.00 | ..... | 0.41 | ..... | ..... |
| Taylor Way–Second Narrows (four-lane expressway) | 5.75 | ..... | 1.00 | ..... | 4.60 | 2.50 | 2.50 |
| Second Narrows–Port Mann (four- to eight-lane freeway) | 12.30 | ..... | ..... | ..... | ..... | 9.30 | ..... |
| Port Mann–Abbotsford (four- to six-lane freeway) | 28.50 | ..... | 3.50 | ..... | 29.00 | 7.06 | 1.00 |
| Abbotsford–Vedder Crossing (four- to six-lane expressway) | 10.30 | ..... | ..... | 12.30 | 10.30 | ..... | ..... |
| Hope–American Creek | 2.96 | ..... | ..... | ..... | ..... | 2.96 | ..... |
| Bell Crossing–C.P.R. Overhead | 5.92 | ..... | ..... | ..... | ..... | 1.30 | 4.62 |
| Tunnels–Boston Bar | 8.85 | ..... | ..... | 1.00 | 8.50 | ..... | 2.85 |
| Boston Bar–Salkeld Flats (1957 revision) | 2.76 | ..... | ..... | ..... | 0.50 | 0.91 | 2.76 |
| Boothroyd–Jackass Mountain | 8.08 | ..... | ..... | ..... | 2.70 | 8.08 | ..... |
| Siska Creek | 3.00 | ..... | ..... | 3.30 | 1.20 | ..... | ..... |
| Kamloops By-pass | 4.86 | 5.00 | ..... | 7.46 | 4.86 | ..... | ..... |
| Sicamous–Malakwa | 12.99 | ..... | ..... | 17.20 | 12.99 | ..... | ..... |
| Malakwa–Taft (1956 revision) | 3.60 | ..... | ..... | ..... | ..... | 3.60 | 3.60 |
| Clanwilliam–Three Mile Crossing | 3.90 | ..... | ..... | ..... | 3.90 | ..... | ..... |
| Three Mile Crossing–Glacier Park | 32.56 | ..... | ..... | 2.10 | 12.00 | 17.85 | 9.61 |
| Glacier Park–Donald | 21.10 | 25.00 | ..... | 24.80 | 21.10 | 19.27 | ..... |
| Totals | ..... | 30.00 | 5.50 | 68.16 | 112.06 | 72.83 | ..... |
| *Southern Trans-Provincial Highway* | | | | | | | |
| Osoyoos By-pass | 5.88 | ..... | ..... | ..... | ..... | ..... | ..... |
| Boundary Falls–Spencer Hill | 11.75 | 30.00 | ..... | 18.00 | 11.89 | ..... | ..... |
| Christina Creek–Sheep Lake | 26.73 | ..... | ..... | 4.06 | 1.22 | 0.81 | 11.85 |
| Sheep Lake–Castlegar | 21.41 | ..... | ..... | ..... | ..... | ..... | 15.52 |
| Sheep Lake–Rossland | 17.71 | ..... | ..... | ..... | ..... | ..... | ..... |
| South Slocan | 2.05 | ..... | ..... | ..... | ..... | 0.05 | 2.00 |
| Castlegar–Meadow Siding | 19.20 | 50.00 | 35.00 | ..... | ..... | ..... | ..... |
| Salmo west | 1.73 | ..... | ..... | ..... | ..... | ..... | ..... |
| Junction of Highway No. 6 to Summit Lake | 15.20 | ..... | ..... | ..... | ..... | 6.00 | 6.11 |
| Summit Lake–Creston | 26.55 | ..... | ..... | ..... | ..... | ..... | 6.17 |
| Cranbrook–Fort Steele Junction | 4.23 | 10.00 | ..... | 7.04 | 4.23 | ..... | ..... |
| Crowsnest–Alberta Boundary | 1.32 | 2.00 | ..... | 1.32 | 1.32 | 1.32 | ..... |
| Totals | ..... | 92.00 | 35.00 | 30.42 | 18.66 | 8.18 | ..... |
| *Northern Trans-Provincial Highway* | | | | | | | |
| Terrace–Usk | 15.06 | ..... | ..... | ..... | ..... | ..... | 1.64 |
| Usk–Cedarvale | 31.40 | ..... | ..... | 3.40 | ..... | ..... | ..... |
| Hazelton–Seaton | 15.40 | ..... | ..... | ..... | ..... | ..... | ..... |
| Houston–Topley | 20.43 | ..... | ..... | 5.00 | 17.50 | ..... | ..... |
| Burns Lake By-pass | 2.70 | ..... | ..... | 4.40 | 3.80 | ..... | ..... |
| Burns Lake–Endako | 28.40 | ..... | ..... | ..... | 2.12 | ..... | 7.66 |
| Sweden Creek west | 20.40 | 25.00 | ..... | 5.32 | 12.70 | ..... | ..... |
| Prince George–Tabor Lake | 9.19 | 10.00 | ..... | ..... | 1.19 | ..... | ..... |
| Tabor Lake–Lamming Mills | 107.00 | 20.00 | ..... | 19.19 | 23.00 | ..... | 15.56 |
| Tête Jaune–Alberta Boundary | 51.00 | ..... | 17.00 | ..... | ..... | ..... | ..... |
| Totals | ..... | 55.00 | 17.00 | 37.31 | 60.31 | ..... | ..... |
| *Okanagan Highway* | | | | | | | |
| Kaleden–Penticton | 4.22 | ..... | ..... | ..... | ..... | 1.09 | 3.13 |
| Peachland–Powers Creek | 6.18 | 6.00 | ..... | 8.51 | 6.97 | ..... | ..... |
| Kelowna–Postill | 5.79 | 6.00 | ..... | 7.10 | 7.22 | ..... | ..... |
| Totals | ..... | 12.00 | ..... | 15.61 | 14.19 | 1.09 | ..... |
| *Cariboo Highway* | | | | | | | |
| Quesnel By-pass | 12.17 | ..... | ..... | ..... | 2.16 | 12.17 | ..... |
| Cale Creek–Hart Highway | 11.40 | ..... | ..... | ..... | 3.10 | ..... | 5.00 |
| Totals | ..... | ..... | ..... | ..... | 5.26 | 12.17 | ..... |
| *Island Highways* | | | | | | | |
| Alberni–Port Alberni | 1.00 | ..... | ..... | ..... | 1.00 | ..... | ..... |
| Alberni–Cumberland | 34.40 | ..... | ..... | 1.00 | 3.14 | ..... | ..... |
| Campbell River–Sayward | 38.80 | ..... | ..... | 6.95 | 13.68 | ..... | ..... |
| Sayward–Port Hardy | 82.40 | ..... | ..... | ..... | ..... | ..... | ..... |
| Campbell River–Nimpkish Valley–Port Hardy | 150.00 | 50.00 | ..... | 11.30 | 6.00 | ..... | ..... |
| Angel Rock | 0.20 | ..... | ..... | ..... | 0.20 | ..... | ..... |
| Totals | ..... | 50.00 | ..... | 19.25 | 24.02 | ..... | ..... |

SURVEY REPORT, APRIL 1ST, 1957, TO MARCH 31ST, 1958—*Continued*

| | Total Mileage | Reconnaissance, 1957 | Aerial Mapping, 1957 | Preliminary Lines, 1957 | Location Survey, 1957 | Office Design, 1957 | Previously Completed Design |
|---|---|---|---|---|---|---|---|
| *North Thompson Highway* | | | | | | | |
| Little Fort–Blue River | 94.00 | ..... | ..... | ..... | ..... | ..... | 6.00 |
| Blue River–Tête Jaune | 73.00 | 73.00 | 73.00 | 14.55 | 8.83 | ..... | ..... |
| Totals | ..... | 73.00 | 73.00 | 14.55 | 8.83 | ..... | ..... |
| *Lower Mainland Roads* | | | | | | | |
| Oak Street Bridge–Deas Tunnel (four-lane freeway) | 4.62 | ..... | ..... | 4.00 | 5.10 | 2.22 | 2.40 |
| Deas Tunnel–U.S. Border (four-lane freeway) | 18.50 | ..... | ..... | ..... | 7.30 | 1.00 | ..... |
| Squamish–Woodfibre | 7.00 | ..... | ..... | 3.22 | ..... | ..... | ..... |
| Squamish–Cheekye | 8.02 | ..... | ..... | 1.05 | 8.02 | ..... | ..... |
| Squamish–Britannia Beach | 5.97 | ..... | ..... | ..... | 5.97 | ..... | ..... |
| Gibsons west | 5.72 | ..... | ..... | 3.77 | 5.72 | ..... | ..... |
| Totals | ..... | ..... | ..... | 12.04 | 32.11 | 3.22 | ..... |
| *Cassiar Road* | | | | | | | |
| Sawmill Point–Stewart | 252.00 | ..... | 82.00 | ..... | ..... | ..... | 25.55 |
| Aiyansh–Meziadin Lake (alternate route) | 80.00 | 30.00 | 80.00 | 28.02 | 23.10 | ..... | ..... |
| Totals | ..... | 30.00 | 162.00 | 28.02 | 23.10 | ..... | ..... |
| *Kootenay–Columbia Highway* | | | | | | | |
| Fort Steele–Wasa | 5.50 | ..... | ..... | ..... | 5.50 | ..... | ..... |
| Wasa–Canal Flats | 24.31 | 25.00 | ..... | 35.27 | 37.68 | ..... | ..... |
| Canal Flats–Windermere | 26.33 | 30.00 | ..... | 27.72 | 26.33 | ..... | ..... |
| South Vermilion–Spillimacheen | 14.32 | ..... | ..... | ..... | ..... | 10.69 | 3.63 |
| Totals | ..... | 55.00 | ..... | 62.99 | 69.51 | 10.69 | ..... |
| *Miscellaneous Highways* | | | | | | | |
| Billings–Cascade | 0.77 | ..... | ..... | ..... | ..... | 0.77 | ..... |
| Spences Bridge–Merritt | 20.00 | ..... | ..... | 0.70 | 11.90 | 0.55 | ..... |
| Balfour–Kaslo | 25.00 | ..... | ..... | 11.51 | 10.36 | ..... | ..... |
| Bridge River Road | 33.20 | ..... | ..... | 3.10 | 30.20 | 25.30 | ..... |
| Williams Lake–Meldrum Creek | 15.00 | 15.00 | ..... | 14.42 | 8.80 | ..... | ..... |
| North Kamloops By-pass | 1.48 | 2.00 | ..... | 1.67 | 1.48 | ..... | ..... |
| West Robson–Celgar Plant | 1.00 | 2.00 | ..... | 3.06 | 1.44 | ..... | ..... |
| Terrace–Lakelse | 13.08 | ..... | ..... | ..... | ..... | ..... | ..... |
| Totals | ..... | 19.00 | ..... | 34.46 | 64.18 | 26.62 | ..... |
| Grand totals | ..... | 416.00 | 292.50 | 322.81 | 432.23 | 134.80 | ..... |

J. P. HAGUE,
*Senior Location Engineer.*

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## REPORT OF THE PERSONNEL OFFICER

The first phases of reorganization took place in April, 1956. Further decentralization continues to take place. During this fiscal year the Materials Testing Division of the Research and Development Branch established permanent laboratories at regional centres, with facilities for both construction and maintenance. Regional Location Engineers have been appointed, and closer co-ordination of activities is gradually becoming evident.

One of the highlights was the abrupt levelling-off of recruitment and resignations, with the exception of the stenographic and junior clerical groups.

There was a remarkable increase in applications from professional engineers, partially created by emigration from Europe. There was also a large increase in the number of university students available for summer work. Following are applications received directly by the personnel office:—

| | |
|---|---|
| Clerical and stenographic | 13 |
| Engineering aides | 310 |
| Ferries | 34 |
| Labour | 23 |
| Mechanics and equipment operators | 39 |
| Miscellaneous | 168 |
| Professional and resident engineers | 223 |
| Students | 229 |
| Weigh-scale and traffic | 18 |
| Total | 1,057 |

The Department suffered a severe loss by the sudden death of our Departmental Comptroller, J. E. (Eddy) Moore, who died October 4th, 1957. His replacement was A. E. Rhodes, formerly Chief Accountant in the Department of Lands and Forests.

The major undertaking of the year was staff reduction. In co-operation with the Civil Service and our branch heads, replacements were restricted to a minimum, and adjustments were made in the operation of the particular procedures to reduce unnecessary work. The over-all reduction in staff during the year exceeded 5 per cent, and at the peak period of employment our work force totalled 5,047; low was 3,895.

H. C. DAVIES,
*Personnel Officer.*

## REPORT OF THE RESEARCH AND DEVELOPMENT ENGINEER

### TESTING BRANCH

The Testing Branch co-operated with the other branches in problems involving the application of soil mechanics, foundations, and concrete technology to highway and bridge construction.

Two truck-mounted power-drills and one B.B. S2 diamond-drill are employed for sub-surface investigation of bridge-sites, large highway fills, landslides, and gravel-pits. As present demand for these services is greater than the equipment can handle, certain investigations are completed by contract drilling.

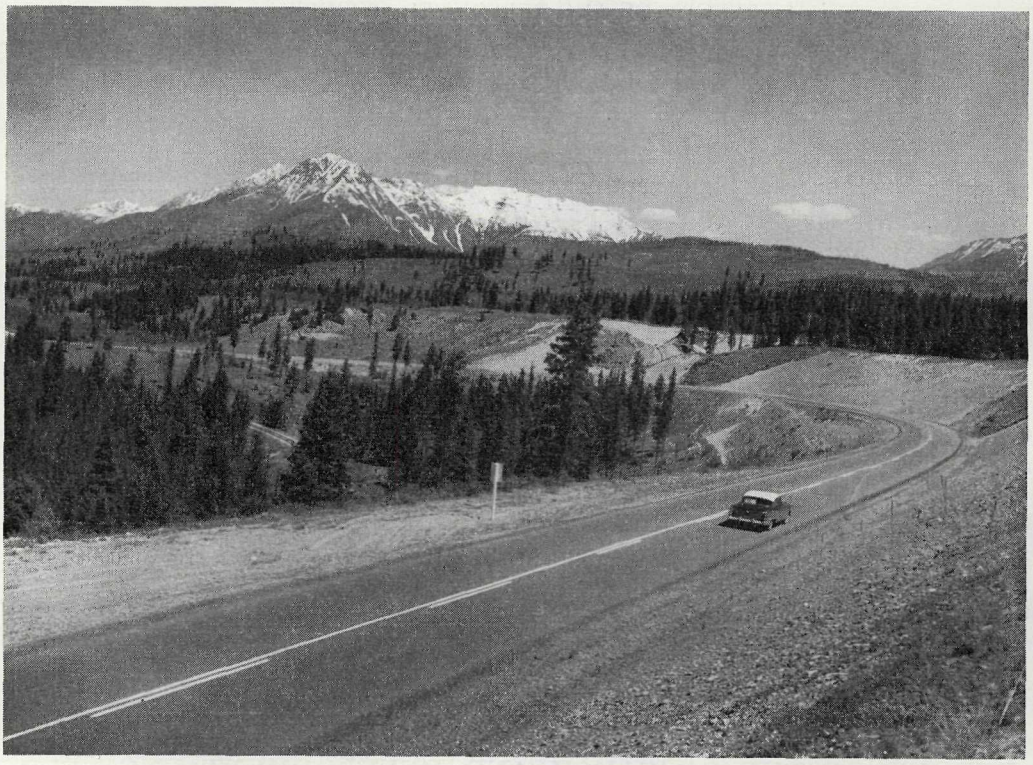
A total of twenty-four bridge-sites were drilled. From the information obtained, the type and bearing capacity of foundations is determined for use by the Bridge Department.

Six major landslides were investigated, with recommendations submitted for stabilization. The most notable is Drynoch Slide, 6 miles south of Spences Bridge, where an estimated 27,000,000 tons of material is on the move.

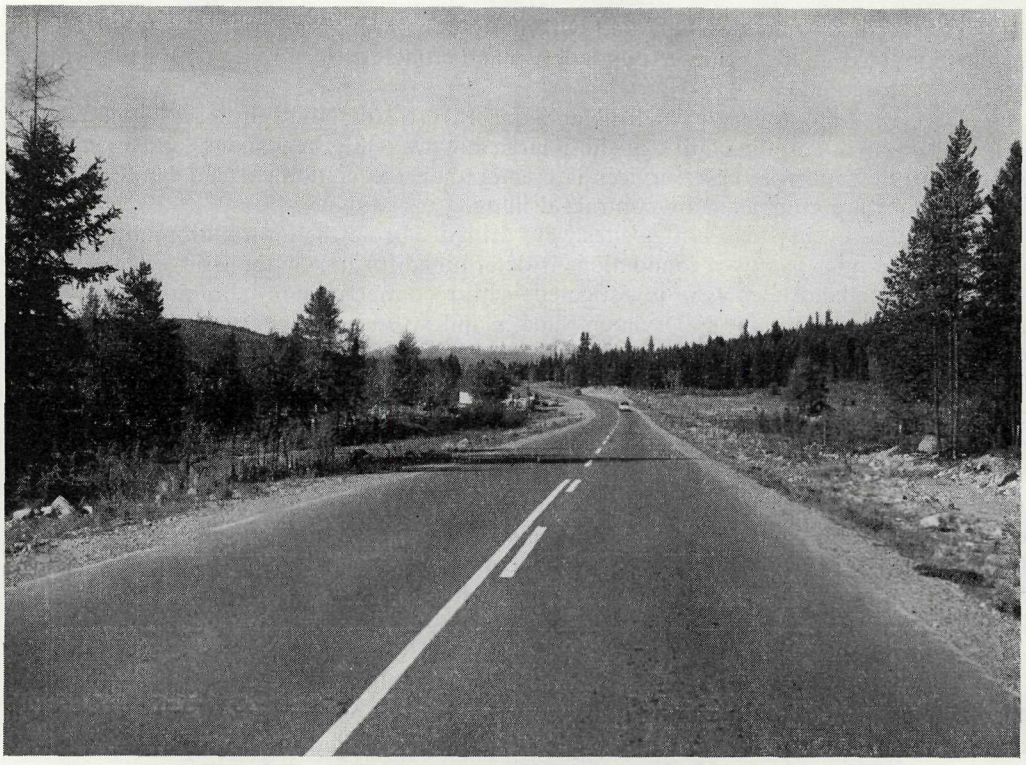
Fifty-two gravel-pits were drilled and proved for quality and quantity of aggregate. Soil surveys to provide soil profiles were conducted on seven complete projects. Altogether more than 11,000 feet of test-holes were drilled during the year.

The Branch extended its research to highway construction. One highway test section has been installed on Lulu Island to determine whether satisfactory highways can be built on top of peat. A pavement evaluation programme was instituted this year for the purpose of determining the most economical design for all-weather highways. Strength tests are being conducted on all major highways. The application of air-photo interpretation to highway construction is also being studied. Gravel-pits, landslide areas, and muskeg deposits are being located and evaluated from the aerial photographs.

The laboratory facilities have been expanded in the regional offices, and much of the standard testing is now being carried out at Kamloops, Prince George, Vancouver, and Nelson. The Victoria laboratory performed 212 detailed tests, involving consolidation, triaxial, and shear strengths, in addition to some 6,700 routine tests.



Southern Trans-Provincial Highway near Wardner.



Southern Trans-Provincial Highway 6 miles south of Cranbrook.

## TRAFFIC BRANCH

This Branch has continued the programme of traffic operations involving highway-signing, pavement-marking, traffic-volume surveys, channelization, lighting installations, signalization studies and installations, and railroad-crossing protection signals.

Highway signs throughout the Province are in good condition, as almost all of them are less than 6 years old. New signs were manufactured in the Department's sign-shop.

Liaison was maintained with the Royal Canadian Mounted Police (Traffic Section) with respect to accident-prone locations. Improvements at dangerous locations on the highways were made where possible. Many existing and new speed-limit zones were studied, with the object of setting reasonable yet safe limits. Radar equipment was used in making studies of vehicular speeds.

In conjunction with the Materials Engineer, traffic paints were evaluated in the laboratory and on the road in order to purchase the most economical paint in terms of cost and service. This year 1,848 miles of highway were painted, using 26,800 gallons of paint and 127,500 pounds of glass bead. Average cost per road mile was $75.14.

Traffic signals were installed at sixteen intersections. The largest highway lighting installation yet undertaken by the Department was completed on the south approaches to Oak Street Bridge. Advantage was taken of the Federal Grade Crossing Elimination Fund to install automatic railway-crossing signals at nine crossings.

Ten of the Department's permanent weigh-scale stations were put into operation under this Branch, using Department personnel. Two new permanent scales are being installed at Prince George and Dawson Creek, and these should be in operation early next year.

Traffic planning and design was carried out by liaison with the Bridge and Location Branches to ensure that facilities being planned were adequate, safe, and efficient for the expected traffic volume. A small origin-destination survey was conducted in the Trail area to assist in the planning of a new Columbia River Bridge. Considerable time was also spent on the Technical Committee for Metropolitan Highway Planning, whose work in planning and reporting on a network of restricted access highways in the Greater Vancouver area is of prime importance due to the very rapid growth of population and vehicular travel in that area.

E. B. WILKINS,
*Research and Development Engineer.*

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# REPORT OF THE CHIEF RIGHT-OF-WAY AGENT

Right-of-way negotiations for the 1957/58 fiscal year resulted in a total of 1,214 settlements being completed. This includes ninety-three supplementary settlements.

Five claims were referred to arbitration proceedings for adjudication.

Costs of right-of-way and all other properties acquired for public purposes by the Department totalled $1,909,215.87. The foregoing includes holdings obtained by the Department on behalf of the British Columbia Toll Highways and Bridges Authority.

Sales by public tender of lands acquired surplus to highway requirements and of buildings to be cleared from rights-of-way numbered forty-three, with a recovery in funds in the amount of $50,394.67 to the Department. Revenue from rentals prior to the public disposal of these buildings yielded $5,387.50.

The high standard of design required for the freeways has, of necessity, resulted in substantial increased cost for rights-of-way, particularly in the Lower Mainland areas. This is reflected in the current report and will become more pronounced as the freeway programme advances.

L. J. MOORE,
*Chief Right-of-way Agent.*

## REPORT OF THE SUPERINTENDENT OF COMMUNICATIONS

Five mountain-top radio-sites were developed during the year at locations near Kamloops, Merritt, Boston Bar, Allison Pass, and Princeton. These sites vary in elevation from 4,100 to 6,600 feet.

Contracts were let for power-line construction to the sites at Boston Bar and Princeton. Power-lines to sites at Kamloops and Merritt were constructed by the British Columbia Power Commission.

Roads were constructed by our Department to the Kamloops, Merritt, and Boston Bar sites.

Frame buildings, to house equipment, were constructed by Departmental crews for sites near Kamloops, Merritt, Boston Bar, Allison Pass, and Princeton.

Radio equipment was installed at eight remote sites near Clinton, Cache Creek, Kamloops, Merritt, Boston Bar, Hope, Allison Pass, and Princeton. Base stations were installed at Merritt, Boston Bar, Allison Pass, Princeton, and Barriere.

Fifty-three mobile radio-telephones were installed. This gives mobile units communication on highways in the Merritt, Clinton, Spences Bridge, Lytton, Boston Bar, and Hope areas, and from Hope through Princeton to Keremeos, also the Barriere area.

Two terminals of microwave radio equipment were installed—one at Kamloops regional headquarters and the other at the site on Domes Mountain—to funnel the conversations from the site to regional headquarters. A capacity of six conversations is presently installed on these units.

W. F. CONLAN,
*Superintendent of Communications.*

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## REPORT OF THE SUPERINTENDENT OF FERRIES

There was no change in the total number of ferries operated under the jurisdiction of the Department of Highways during the 1957/58 fiscal year. The fleet comprised fifty-nine ferries, which are described as follows: Twelve Government-owned major ferries, eleven Government-owned power-cable ferries, sixteen Government-owned reaction ferries, nine Government-owned miscellaneous ferries, and eleven privately owned chartered ferries.

All ferries were inspected during this period, and necessary overhaul work and dry-docking, etc., were carried out during slack seasons. Relief vessels were used wherever possible during lay-off periods, and the whole system operated with a minimum of inconvenience to the public. The Department now has two spare barge ferries that are used to relieve any of the smaller ferries during overhaul periods. One of these barges carries seven or eight vehicles, and is demountable into three sections, which are shipped by rail to any point in the Province. During this period this sectional barge relieved the Twelve Mile Ferry, Twenty-four Mile Ferry, Needles Ferry, and Castlegar Ferry. The other barge ferry relieved the Denman Island Ferry during the overhaul period.

### NEW CONSTRUCTION AND MAJOR REPAIRS

The ferry "Agassiz" was completely overhauled and new engines installed. It was renamed the "T'Lagunna" and commenced twenty-four-hour service between Albion and Langley in June, 1957.

A spare barge owned by the Department was overhauled and converted into a spare ferry for relief work.

New ferry-landings were built at Montague Harbour on Galiano Island and at Village Bay on Mayne Island. Extensive repairs were carried out on the Kootenay Lake Ferry landings and dry-dock moorings.

## FERRIES, FISCAL YEAR 1957/58

| Name of Ferry | Expenditure | Revenue | Profit | Loss |
|---|---|---|---|---|
| Upper Nass | $2,293.74 | | | $2,293.74 |
| Herrling Island | 465.90 | | | 465.90 |
| Denman Island | 28,270.11 | $8,329.20 | | 19,940.91 |
| Campbell River–Quathiaski Cove[1] | 6,300.00 | | | 6,300.00 |
| Hornby Island[1] | 9,424.66 | | | 9,424.66 |
| Barnston Island | 26,465.91 | | | 26,465.91 |
| Ladner | 158,858.15 | 185,390.50 | $26,532.35 | |
| Albion | 90,630.37 | 47,482.45 | | 43,147.92 |
| Texada Island[1] | 15,012.25 | | | 15,012.25 |
| Woodfibre | 48,228.57 | 10,681.15 | | 37,547.42 |
| Saltspring Island | 84,417.61 | | | 84,417.61 |
| Gabriola Island | 26,078.48 | | | 26,078.48 |
| Thetis Island | 2,683.64 | | | 2,683.64 |
| Copper River | 5,998.60 | | | 5,998.60 |
| Usk | 6,792.70 | | | 6,792.70 |
| Black Pool | 9,802.85 | | | 9,802.85 |
| Monte Creek | 4,029.01 | | | 4,029.01 |
| McLure | 5,408.63 | | | 5,408.63 |
| Little Fort | 6,949.34 | | | 6,949.34 |
| Big Bar | 5,929.93 | | | 5,929.93 |
| High Bar | 975.16 | | | 975.16 |
| Pavilion | 4,549.10 | | | 4,549.10 |
| Kelowna | 233,708.17 | 243,349.35 | 9,641.18 | |
| Twelve Mile | 33,394.14 | | | 33,394.14 |
| Twenty-four Mile | 21,205.08 | | | 21,205.08 |
| Upper Arrow Lakes | 84,516.34 | 28,470.73 | | 56,045.61 |
| Shuswap | 11,916.67 | | | 11,916.67 |
| Lytton | 10,449.62 | | | 10,449.62 |
| North Bend | 36,539.26 | 6,575.90 | | 29,963.36 |
| Richter Basket | 167.27 | | | 167.27 |
| Arrow Park | 28,362.36 | | | 28,362.36 |
| Needles | 24,090.97 | | | 24,090.97 |
| Creston | 15,407.35 | | | 15,407.35 |
| Glade | 12,552.38 | | | 12,552.38 |
| Harrop | 20,485.27 | | | 20,485.27 |
| Kootenay Lake | 225,218.86 | 246,211.00 | 20,992.14 | |
| Nelson | 30,559.91 | | | 30,559.91 |
| Nicks Island | 9,296.40 | | | 9,296.40 |
| Castlegar | 56,528.04 | | | 56,528.04 |
| Renata–Deer Park | 11,009.62 | | | 11,009.62 |
| Lower Arrow Lakes | 29,000.00 | | | 29,000.00 |
| Gravelle | 6,574.83 | | | 6,574.83 |
| Macalister | 5,920.66 | | | 5,920.66 |
| Soda Creek | 6,092.11 | | | 6,092.11 |
| Hansard | 7,517.09 | | | 7,517.09 |
| Isle Pierre | 6,819.51 | | | 6,819.51 |
| Francois Lake | 58,320.29 | 1,140.00 | | 57,180.29 |
| Hudson Hope | 2,237.00 | | | 2,237.00 |
| Clayhurst | 27,613.16 | | | 27,613.16 |
| East Pine Basket | 4,546.52 | | | 4,546.52 |
| Cedarvale | 4,755.04 | | | 4,755.04 |
| Kitwanga | 6,713.92 | | | 6,713.92 |
| Totals | $1,581,082.55 | $777,630.28 | $57,165.67 | $860,617.94 |

[1] Subsidized ferries.

# TENDERS RECEIVED AND CONTRACTS AWARDED (LANDINGS NOT INCLUDED)

| Description of Work and Names of Tenderers | Amount of Tenders at Unit Rates Based on Estimated Quantities | Remarks |
|---|---|---|
| "ROLF BRUHN" FERRY—CUTTING INTO SECTIONS AT SHUSWAP LAKE AND REASSEMBLING AT COAST FOR WOODFIBRE–SQUAMISH SERVICE (omitted from 1956/57 Report):[5] | | |
| Allied Builders Ltd. | $15,840.00 | Awarded. |
| John Manly Ltd. | $24,265.00 | |
| Victoria Machinery Depot Co. Ltd. | 25,184.00 | |
| Yarrows Ltd. | 25,890.00 | |
| CHEMAINUS–THETIS ISLAND FERRY—CONSTRUCTION OF STEEL VEHICLE-FERRY:[5] | | |
| Somass Shipyard & Engineering Works | 50,153.45 | Awarded. |
| John Manly Ltd. | $51,426.90 | |
| Allied Builders Ltd. | 51,954.00 | |
| Alberni Engineering & Shipyard Ltd. | 59,711.81 | |
| Star Shipyard Ltd. | 61,677.26 | |
| Burrard Shipyard Ltd. | 67,920.00 | |
| Victoria Machinery Depot Co. Ltd. | 79,906.00 | |
| Yarrows Ltd. | 89,537.00 | |

[5] Lump-sum bids.

# RECORD OF FERRY TRAFFIC, FISCAL YEAR 1957/58

| Ferry | Type | Number of Round Trips | Automobiles | Passengers, Exclusive of Drivers | Trucks, All Types | Trailers and Semi-trailers | Motorbuses | Motorcycles | Rigs | Tons of Freight | Live Stock | Miscellaneous Vehicles | Total Motor-vehicles Carried |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Albion (ten months)[1] | Pontoon (reaction) | 11,761 | 93,382 | 100,465 | 4,973 | 381 | 37 | 191 | 3 | | 2 | 32 | 98,615 |
| Arrow Lakes (Upper) (two months)[2] | Power | 652 | 2,417 | 5,614 | 1,373 | 47 | | | | 460.05 | 3 | 23 | 3,813 |
| Arrow Lakes (Lower)[2] | Power | 119 | 109 | 414 | 8 | 1 | | | | 208.55 | 5 | 9 | 126 |
| Arrow Park | Power-cable scow | 23,662 | 23,512 | 102,878 | 20,367 | 656 | 784 | 14 | 6 | | 86 | | 44,677 |
| Barnston Island | Tug and scow | 18,454 | 18,536 | 54,751 | 14,487 | 198 | 13 | 60 | | | 768 | 6 | 33,102 |
| Big Bar | Pontoon (reaction) | 801 | 17 | 1,049 | 203 | | | | | | 15,266 | 2 | 222 |
| Black Pool | Pontoon (reaction) | 3,930 | 1,284 | 5,674 | 946 | 18 | | | 29 | | 5 | 64 | 2,294 |
| Brentwood (two months)[2] | Power | 8,443 | 90,558 | 113,162 | 5,030 | 1,023 | 239 | 218 | 5 | | | | 96,045 |
| Castlegar | Power-cable scow | 41,928 | 413,323 | 944,646 | 156,457 | 5,289 | 9,094 | 133 | 2 | | 394 | | 579,007 |
| Cedarvale | Pontoon (reaction) | 9,709 | 1,992 | 13,064 | 1,876 | | | | | | 8 | 6 | 3,874 |
| Clayhurst (seven months) | Tug and pontoon | 11,232 | 8,482 | 24,676 | 12,829 | 129 | 8 | 3 | | | 471 | | 21,322 |
| Copper City | Pontoon (reaction) | 2,551 | 563 | 5,385 | 187 | | | | | | 2 | | 750 |
| Creston | Cable scow | 31,647 | 18,223 | 65,647 | 27,581 | | 772 | | | | 207 | | 46,576 |
| Denman Island | Power | 3,893 | 17,620 | 27,384 | 1,727 | 167 | 2 | 23 | | | 2 | 30 | 19,402 |
| Francois Lake (eleven months) | Power | 3,734 | 16,523 | 50,333 | 13,056 | | | | | | 225 | | 29,579 |
| Gabriola[2] | Power | 1,372 | 5,822 | 19,164 | 221 | | | 10 | | 290.80 | | | 6,053 |
| Glade | Power-cable scow | 12,575 | 15,166 | 56,870 | 8,434 | 46 | | | 26 | | 170 | 32 | 23,632 |
| Gravelle | Pontoon (reaction) | 1,980 | 450 | 3,696 | 1,121 | | | | 43 | | 43 | | 1,571 |
| Gulf Islands[2] | Power | 696 | 7,563 | 23,771 | 2,208 | 65 | 5 | 29 | 4 | 771.34 | 2 | 15 | 9,820 |
| Hansard (five months) | Pontoon (reaction) | 888 | 2,136 | 3,243 | 797 | 224 | | | 8 | | | | 2,933 |
| Harrop | Power-cable scow | 23,636 | 37,540 | 96,874 | 11,385 | 466 | 733 | 870 | | | 15 | 75 | 50,603 |
| High Bar[3] | Pontoon (reaction) | 139 | | 264 | | | | | | | 35 | | |
| Hornby Island[2] | Power | 2,516 | 4,609 | 6,078 | 373 | 44 | | 19 | | | | 10 | 5,011 |
| Hudson Hope (eight months) | Launch | 261 | | 566 | | | | | | | | 58 | 58 |
| Isle Pierre | Pontoon (reaction) | 4,108 | 1,779 | 7,309 | 861 | 41 | | | 49 | | | | 2,640 |
| Kelowna (three months) | Power | 24,998 | 503,853 | 672,997 | 26,739 | 16,616 | 3,475 | 304 | 7 | | 1 | | 534,371 |
| Kitwanga | Pontoon (reaction) | 3,448 | 2,853 | 2,579 | 343 | 5 | | | | | | 2 | 3,198 |
| Kootenay Lake (two months) | Power | 4,667 | 103,518 | 246,689 | 20,678 | 5,799 | 2,842 | 76 | | | 1 | | 127,114 |
| Ladner | Power | 15,423 | 440,530 | 437,938 | 38,550 | 2,339 | 2,742 | 591 | | | | | 482,413 |
| Little Fort | Pontoon (reaction) | 5,800 | 1,099 | 12,687 | 1,058 | 13 | | | | | 268 | 34 | 2,191 |
| Lytton | Pontoon (reaction) | 13,465 | 7,066 | 41,913 | 3,687 | | | | 985 | | 2,907 | | 10,753 |
| Macalister | Pontoon (reaction) | 8,478 | 4,289 | 19,359 | 4,084 | | | | | | 587 | | 8,373 |
| McClure | Pontoon (reaction) | 3,166 | 1,559 | 6,286 | 1,248 | 1 | | 2 | 11 | | 2,592 | | 2,809 |
| Monte Creek | Scow (reaction) | 3,251 | 1,515 | 5,049 | 1,157 | 45 | | | | | 684 | | 2,672 |
| Needles | Power-cable scow | 15,428 | 20,400 | 56,907 | 13,420 | 528 | 720 | 10 | 12 | | 71 | 6 | 34,556 |
| Nelson (eight months)[4] | Power-cable scow | 18,598 | 330,522 | 596,570 | 71,460 | 6,347 | 3,084 | 245 | | | | | 405,311 |
| Nicks Island | Power-cable scow | 13,038 | 6,411 | 15,502 | 6,494 | | | | 143 | | | | 12,905 |
| North Bend | Aerial | 23,390 | 18,220 | 62,186 | 9,506 | 29 | 1,007 | 25 | 5 | | 3 | | 28,758 |

[1] Commenced June, 1957.
[2] Privately owned ferries; freight shown on these ferries only.
[3] Discontinued August, 1957.
[4] Discontinued November, 1957.

## RECORD OF FERRY TRAFFIC, FISCAL YEAR 1957/58—*Continued*

| Ferry | Type | Number of Round Trips | Automobiles | Passengers, Exclusive of Drivers | Trucks, All Types | Trailers and Semi-trailers | Motorbuses | Motorcycles | Rigs | Tons of Freight | Live Stock | Miscellaneous Vehicles | Total Motor-vehicles Carried |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pavilion | Rowboat and cable-car | 1,768 | ..... | 3,597 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Quathiaski Cove[2] | Launch | 3,457 | ..... | 68,502 | ..... | ..... | ..... | ..... | ..... | 64.00 | ..... | ..... | ..... |
| Renata | Power-cable scow | 5,113 | 4,937 | 17,213 | 2,240 | 112 | 383 | ..... | ..... | ..... | 12 | 36 | 7,596 |
| Saltspring Island[2] | Power | 1,928 | 28,520 | 47,430 | 2,889 | 100 | 22 | 131 | ..... | 1,962.00 | 4 | 3 | 31,565 |
| Shuswap[2] | Tug and barge | 184 | 43 | 764 | 39 | 54 | ..... | ..... | ..... | 1,261.10 | 16 | 44 | 126 |
| Soda Creek | Pontoon (reaction) | 4,838 | 1,266 | 6,800 | 2,794 | 22 | 6 | 6 | 32 | ..... | 115 | 33 | 4,105 |
| Texada Island[2] | Power | 549 | 1,143 | 6,639 | 307 | 4 | ..... | ..... | ..... | 559.40 | ..... | ..... | 1,450 |
| Twelve Mile | Power-cable scow | 20,115 | 17,563 | 50,289 | 17,207 | 1,627 | 1,117 | 51 | ..... | ..... | 22 | 48 | 35,986 |
| Twenty-four Mile | Power-cable scow | 17,554 | 17,289 | 54,137 | 13,120 | 493 | 1,394 | 87 | 2 | ..... | 62 | ..... | 31,890 |
| Upper Nass | Rowboat | 508 | ..... | 775 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Usk | Pontoon (reaction) | 11,033 | 4,693 | 20,392 | 1,275 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5,968 |
| Vesuvius–Crofton[2] | Power | 2,764 | 21,436 | 42,096 | 1,800 | 168 | 17 | 60 | 19 | 839.65 | 3 | 4 | 23,317 |
| Woodfibre | Power | 1,607 | 416 | 16,916 | 190 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 606 |
| Totals | | 445,255 | 2,320,747 | 4,245,189 | 526,785 | 43,097 | 28,496 | 3,158 | 1,391 | 6,416.89 | 25,057 | 572 | 2,879,758 |

[2] Privately owned ferries; freight shown on these ferries only.

H. K. GANN,
*Superintendent of Ferries.*

# REGIONAL REPORTS

## REGION No. 1

D. D. Godfrey, Regional Engineer, New Westminster

### Vancouver Island

The Trans-Canada Highway was completed on Vancouver Island with the exception of final pavement on 9 miles of the Malahat Summit. Work on the Island Highway consisted of 4.5 miles widened and gravelled, with minor revisions south of Courtenay in preparation for pavement by the Surfacing Branch; also on this highway approximately 2 miles of arterial highway was widened and paved with curb and gutter in Nanaimo. The Sayward Road in Comox District was paved by district and regional day-labour crews for 4.6 miles.

The road to Crofton in Cowichan-Newcastle District was reconstructed and paved by district and regional crews for 4 miles.

The district maintenance crew in Esquimalt District took over 24 miles of new road from Jordan River to Port Renfrew. Logging companies constructed 18.5 miles of this road under forest management licences and regional construction crews constructed 3.5 miles.

The main activity of district crews was reconstruction and asphalt surfacing of branch and feeder roads either by road-mix pavement or double asphalt spray treatment. Mileages of asphalt surfaced by districts were as follows: Esquimalt District, 13.5 miles; Saanich District, 5.0 miles; Cowichan-Newcastle District, 5.5 miles; Nanaimo-Islands District, 11.5 miles; Alberni District, 6.0 miles; and Comox District, 7.5 miles. Total mileage of minor roads reconstructed and surfaced on Vancouver Island was 49 miles.

Mileages of minor roads reconstructed only were as follows: Cowichan-Newcastle District, 1.0 mile; Nanaimo-Islands District, 2.5 miles; Alberni District, 1.0 mile; and Comox District, 4.5 miles. Total mileage of minor roads reconstructed on Vancouver Island (including the paved mileage above) was 58 miles.

A total of twenty-one new bridges were taken over on the Jordan River–Port Renfrew Road. They were all of log-stringer construction. Elsewhere on Vancouver Island, ten bridges were replaced by culvert and fill, seven bridges were reconstructed, and nine bridges were redecked.

New ferry-landings were constructed on Mayne, Gabriola, and Galiano Islands and a new railway underpass was under construction in Lake Cowichan Village.

### West Coast of Mainland and Fraser Valley

In Mackenzie District 6.5 miles of the Sunshine Coast Highway was reconstructed south of Powell River and 13 miles repaved. Two miles of road at Bella Coola was reconstructed and paved. Approximately 10 miles of minor roads were reconstructed. Three bridges were reconstructed, including a major bridge at Mission Creek on Sechelt Peninsula.

In North Vancouver District the Upper Levels Highway was completed and the arterial highway in North Vancouver widened and paved with curb and gutter from Lonsdale to Mountain Highway.

In Burnaby District the Lougheed Highway was reconstructed to four lanes from North Road to Boundary Road, and Edmonds Street (arterial highway) was widened, paved, and curb and gutter laid from Kingsway to Grandview Highway. Two third-lane sections were constructed on Grandview Highway. The above work throughout the district totalled a distance of 9 miles.

In Dewdney District the Lougheed Highway was reconstructed in various sections for a total distance of approximately 7 miles. This included approaches to four bridges

under renewal on this highway. One third-lane section was completed west of Mission. Three miles of minor roads were reconstructed.

The following bridges were completed in Dewdney District, all on Lougheed Highway: Harrison Bridge, Pitt River Bridge, Silver Creek, Kanaka Creek, Dewdney Bridge, Deroche Bridge, and Pumphouse Bridge. Approximately 8 miles of Lougheed Highway were paved, and 4 miles were paved on the Port Moody–Ioco–Sunnyside Road. Three miles were asphalt-surfaced on the Harrison Lake Road.

In Delta District the south approach to the Pattullo Bridge was much improved in traffic flow by the construction of a diversion to Scott Road. The Pacific Highway was reconstructed for 0.6 mile and a previously reconstructed section paved for 2.5 miles. The road from Langley and to the Albion Ferry was improved, and another third-lane section was installed on the Trans-Canada Highway.

The Oak Street Bridge was completed and opened and new bridges built on Haldi Island and Chiluckthan Slough.

In Chilliwack District, reconstruction of the Trans-Canada Highway by contract proceeded. District forces completed reconstruction of 5.1 miles of the Columbia Valley Highway at Cultus Lake.

In the northern section of the region in Prince Rupert District, further progress was made on the Masset–Port Clements Road on Queen Charlotte Islands and further improvements on the Port Clements–Queen Charlotte City Road.

A start was made on the Port Edwards–Cassiar Cannery Road. The Gallow Rapids Bridge on the Northern Trans-Provincial Highway was improved by replacing the north trestle approach with fill. Asphalt base-course surfacing was laid over 6 miles of the Northern Trans-Provincial Highway.

In Skeena District (West) the Northern Trans-Provincial Highway was paved by pulvimixing over 21.1 miles. The Terrace–Kitimat Road was opened to traffic. One new bridge was built by district crews and four bridges reconstructed. In the Atlin District (South) three bridges were reconstructed and one replaced by fill. The wing-dam at Stewart on the Bear River was extended and widened, and gravelling was carried out on the Bear River Road.

In the northern area a fair amount of damage was caused by the spring thaw. In the remainder of the region an exceptionally light winter cut snow-removal to an absolute minimum.

Maintenance was carried out to all roads, bridges, and ferries throughout the year without any serious interruption to traffic at any time.

## REGION No. 2

D. R. McLeod, Regional Engineer, Kamloops

### Maintenance

Routine maintenance was carried out on all highways and roads during the year. A wet summer complicated surface maintenance in some districts but assisted in others.

Considerable improvement of secondary and side roads was achieved by widening, ditching, gravelling, installing metal and concrete culverts, and blasting narrow rock sections. With the co-operation of the property owners, adequate room for maintenance and snow-removal was attained in many locations by moving fences back to 33 feet from centre line of the travelled portion of the roads. Calcium chloride was applied in many settled areas where heavy traffic created dust nuisance to property-owners.

Particular attention was paid to trunk and main highways. Numerous rock-slides and mud-slides on the Trans-Canada Highway were removed. Vegetation-control by spraying with chemicals was undertaken fairly extensively. Other chemicals than 2,4-D were tried in small areas to reduce crop damage and, although effective, were found to

be very expensive. Close attention was paid to sign and guard-rail maintenance. Extensive pavement patching with cold mix was undertaken, principally on the Cariboo and Okanagan Highways. Shoulder maintenance was carried out, and on the Hope–Princeton Highway some shoulder widening was done. The usual stream problems were met; several washouts occurred, particularly in the Dry Belt. Creeks were cleaned where public bridges and highways were endangered.

### Reconstruction

Reconstruction by day-labour went ahead well during the year. Sixty-one miles of trunk and main highways were reconstructed and 238.9 miles of other roads. A wet summer slowed dirt-moving to some extent, but a fairly late fall enabled much lost time to be picked up. Major reconstruction work was done on the North Thompson, Kamloops–Princeton, Lytton–Lillooet, and Revelstoke–Arrowhead Highways. Other widening and improvement work was done on the Okanagan, Cariboo, and Kamloops–Vernon Highways. Good use was made of the Department's three rubber-tired scrapers. These have proved very successful in operation. They were used principally on the Merritt–Kamloops and North Thompson Highways and the Paul Lake Road.

### Bridges

Maintenance of bridges was carried out satisfactorily throughout the year. Twenty-one bridges were reconstructed by regional and district crews. One hundred and seventeen bridges were repaired and nine bridges eliminated and replaced by culvert and fill.

The bridge at Carnes Creek on the Big Bend was replaced with a Bailey span. The Bailey was erected on the old bridge deck and the old bridge blasted out from under. The new Bridge River Bridge north of Lillooet used the trusses from the old Nanaimo Bridge on Vancouver Island. This bridge was constructed by the regional bridge crew.

A temporary trestle bridge for detour was constructed at Savona for the Bridge Branch.

### Surfacing

Seventy miles of road mix were done in the region in 1957/58. This work was done principally on subdivision roads and side-roads.

### Ferries

General maintenance and operation of ferries was undertaken throughout the year, with some minor interruption of service in some reaction ferries due to high water and ice.

The Kelowna Ferry M.V. "Lloyd-Jones" was taken out of the water for an overhaul. The Black Pool Ferry on the North Thompson River was lost in the spring due to a snag striking one of the timber pontoons. A Department truck was lost with the ferry but was later recovered in the fall 6 miles down-stream. A new ferry was constructed and put into service. A new 10-ton ferry was also constructed to replace the old 5-ton timber ferry at Little Fort.

### Snow-removal

Snowfall was generally a little below average. The mild winter, however, required more extensive sanding, particularly on the Cariboo Highway near Clinton and the Trans-Canada Highway near Kamloops. Two large sanders were in operation at Kamloops and proved very useful. The even spread of abrasive provided a better surface and reduced the quantity of material used.

The new Department-designed snowplough S-5000 was in use on the Hope–Princeton Highway and the Big Bend. The plough proved capable of ploughing deep snow on steep grades at speeds up to 40 miles per hour.

### Radio

The radio network was further extended within the region to cover the Hope–Princeton Highway and the Trans-Canada Highway in the Fraser Canyon. Some trouble was experienced in the winter due to icing of the repeater antennas. The Kamloops repeated was moved to a higher hill, and much better range resulted. The radio has proved a very useful auxiliary in engineering control and also for equipment direction in emergencies such as washouts and snow-storms.

## REGION No. 3

D. F. Martin, Regional Engineer, Nelson

### Columbia District

#### *Roads*

On the Trans-Canada Highway from Donald north a clearing project was started on a 12.6-mile section. Local labourers were hired to ease the unemployment situation, and between thirty and fifty men were employed continually.

The Kootenay–Columbia Highway received considerable attention between Mile 18.5 and Mile 33.5; 7.1 miles of previous construction were completed and gravelled, 5.5 miles of new construction were completed, and 2.5 miles were cleared in preparation for construction. Between Mile 41.5 and Mile 51.6, 10.1 miles were reconstructed and gravelled. Between Mile 56 and Mile 57.7, 1.7 miles of reconstruction were completed over South Vermilion by contract.

#### *Bridges*

Spillimacheen No. 67 was replaced. Seven bridges were replaced by culverts.

#### *Snow-removal*

Heavy sanding was carried out over the winter. Lighter snowfall than average was reported.

### Cranbrook District

#### *Roads*

The Southern Trans-Provincial Highway between Nelson-Creston District boundary and the City of Cranbrook, reconstructed by contract, was completed for 20.14 miles, and this section is now up to standard and ready for paving. Additional work was done from the east limits of the City of Cranbrook to the Cranbrook Overhead Crossing.

The Kootenay–Columbia Highway, from Cranbrook Railway Overhead Crossing to 1.5 miles north, was surfaced with road-mix asphalt. Four miles east of Kimberley were reconstructed and paved.

Improvements were made on Smith Lake Road and Eager Hill–Fort Steele Road. Eleven miles of residential streets and roads were oiled.

#### *Bridges*

The district made major repairs to St. Mary River (Wyecliffe) Bridge.

### Fernie District

#### *Roads*

Improvements were made to the Southern Trans-Provincial Highway at Mile 573, Mile 586, and Mile 600 to improve alignment, to construct truck lane, and to eliminate dangerous rock-slide sections.

On the Kootenay–Columbia Highway, north 4 miles were reconstructed from Wasa Slough to Wasa Bridge.

On the McBaynes Lake Road, 2.1 miles were reconstructed and paved to service this resort.

*Bridges*

Brule Creek No. 67 and Woodland Bridge No. 45 were rebuilt. Other bridges were maintained as needed.

*River Protection Work*

Bulldozing was carried out in Elk River and Michel Creek and rip-rap was placed to protect the Southern Trans-Provincial Highway.

## Grand Forks-Greenwood District

*Roads*

On the Rock Creek–McCulloch Road, formerly Kettle River West, 4.67 miles were relocated between Mile 3 and Mile 8. This eliminated two bridges and four railroad crossings. A start was made on an additional 3 miles of this road between Mile 46 and Mile 49. Widening and gravelling were carried out for approximately 4 miles on the Kettle River Main from Mile 2 to Mile 11. This project was approximately 50 per cent completed.

*Bridges*

The Yale Bridge in the City of Grand Forks was completed and traffic was routed over the new steel-truss bridge. The district reconstructed Harper No. 1 Bridge, and High Bridge No. 128 was replaced with culvert and fill. Other bridges were maintained as required.

## Kaslo-Slocan District

*Roads*

Slocan–Arrow Lakes Highway, for a total of 9 miles, was reconstructed, although not entirely completed. At Perry Siding, 2.2 miles were under construction but not completed. At Enterprise, 4 miles north of Slocan City, 1½ miles were completed. South and east of Nakusp, 3 miles were completed, while the Monashee section was under construction for 2.3 miles; this was solid rock and the work was only 70 per cent completed.

On the Nelson–Kaslo Highway, Woodbury Creek section, 0.5 mile of rock work was 80 per cent completed and the previous year's construction was gravelled.

Miscellaneous work was done in the Kaslo-Lardeau area.

*Bridges*

The district eliminated Seven Mile Bridge (No. 301) with a culvert. New bridges were constructed on the Slocan–Arrow Lakes Highway at Nakusp Creek, McDonald Creek, and Springer Creek. In the Arrowpark vicinity, Mosquito Creek Bridge was started, and in Lardeau, Duncan River Bridge (No. 57) was completed.

## Nelson-Creston District

*Roads*

On the Balfour–Coffee Creek section of the Nelson–Kaslo Highway, 3.3 miles were reconstructed. A large portion of this was through very heavy rock. A total of 2.4 miles were paved by district forces.

About 2 miles of narrow road were widened on the Kootenay Bay–Kuskanook section of the Southern Trans-Provincial Highway.

Last year's construction on the Harrop–Procter Road was gravelled and paved by Department forces. Several roads in the Creston-Wynndel area used for hauling fruit were improved and paved. In the Nelson area, Upper Longbeach Road was reconstructed, View Street was reconstructed for entrance to the new city hospital, and the Ferry West Road was widened and improved.

Department forces paved 4 miles of the Vernon–South Slocan Highway and 2 miles of the Salmo–Nelway Highway.

*Bridges*

Nelson Toll Bridge was completed and opened for traffic on November 17th, 1957.

*Ferries*

M.V. "Balfour" and M.V. "Anscomb" were kept busy during summer months with increased traffic. Nelson Ferry was taken out of service.

ROSSLAND-TRAIL DISTRICT

*Roads*

The Southern Trans-Provincial Highway through Glenmerry was reconstructed, giving 2.6 miles of highway that by-passes the residential area. Entrances are restricted and speed-limit has not been curtailed.

Schofield Highway between Warfield and Rossland had a truck lane added for a distance of approximately 1 mile; considerable rock was encountered.

One and one-half miles of the Deer Park Road was reconstructed, with the Columbia River Overflow Bridge replaced by pile trestle structure. Culvert and fill was attempted but sheer strength of the base material was not sufficient to carry the fill.

*Bridges*

Five bridges were replaced by culvert and fill.

## REGION No. 4

R. S. Cunliffe, Regional Engineer, Prince George

Region No. 4 is the northern administrative area of the Province, comprised of some 230,000 square miles, over two-thirds of British Columbia.

The silt soils of the Interior Plateau pose serious highway construction and maintenance problems, requiring considerable ingenuity in overcoming them. In the Peace River area heavy clays predominate and gravel deposits are scarce. Farther north the terrain is variable, and rock, muskeg, and gravels are common.

During the last six years there has been a general increase in precipitation throughout the area, as much as 150 per cent over the long-range mean in some years. As a result, there is a continuing incidence of fill failures and landslides as the saturation increases. Such slides and failures cause costly repairs and corrective activities.

The winter of 1957/58 was the mildest on record, with two pronounced effects. First, snow-removal costs were reduced, while a high standard of winter maintenance was enjoyed. Second, the shallow frost-line and high ground-water gave rise to ice lensing close to the surface and resulted in a severe break-up. In normal years the ice lenses form at a depth of 8 feet and do not melt until July and August, after there has been considerable gain in roadway strength.

In addition to capital improvements carried out by the various Department branches, $2,100,000 was spent on day-labour development by the districts of the region. Concerted effort was applied to the reconstruction of the Northern Trans-Provincial Highway, and 23.35 miles were rebuilt. Some strengthening was accomplished on the south end of the John Hart Highway, but as the heavy pipe-haul was still in progress for the West-coast transmission-line and as the P.G.E. construction was continuing, further development was deferred.

### Atlin District (North)

Construction activity on the Stewart–Cassiar Road increased the maintenance required on the portions already built. The asbestos and provision haul to the Cassiar mine continued north to the Alaska Highway.

### Cariboo District (North)

Landslides obliterated a portion of the access road to the Western Plywoods plant at Quesnel early in the summer. A high-standard access road on new location was speedily provided. In addition, reconstruction to standard was continued on the road to historic Barkerville, now a heavy lumber-haul road.

### Fort George District

Two equipment-sheds were constructed—at Tête Jaune and at Honeymoon Creek on the John Hart Highway. The Honeymoon Creek construction permitted re-establishment of the John Hart Highway maintenance camp in better, though not yet permanent, quarters.

Close co-operation was given by the Materials Engineer in advising corrective action to be taken in base strengthening on the Northern Trans-Provincial Highway and John Hart Highway and on fill stabilization on the Cariboo Highway.

### Omineca District (East and West)

These two districts handled the greatest expenditure on the Northern Trans-Provincial development. The M.V. " Jacob Henkel " operated throughout the winter on Francois Lake because of the open winter.

### Peace River North and South Districts

Maintenance in these prairie-type districts was very satisfactorily performed. Peace River South maintains the north half of the John Hart Highway under a special allocation of funds. The Canadian Army maintains the main artery through the north district, with the result that neither district must expend capital or maintenance funds on the main through route.

The farm-to-market roads reflect the extra attention and expenditure which is possible.

### Skeena District (East)

Reconstruction on the Northern Trans-Provincial Highway in this district was carried out in the high banks along the Skeena River. Heavy cut and fill sections were encountered in the 5-mile section worked.

### Maintenance Generally

The summer of 1957 was particularly wet, with few rain-free days being enjoyed from June until September. Travel conditions were slightly worse than normal on the gravel roads.

# CLASSIFICATION OF HIGHWAYS

## Under Part III of the "Highway Act"

## STATEMENT SHOWING HIGHWAYS CLASSIFIED AS AT MARCH 31ST, 1958

| Name of Municipality | Ref. No. | Name of Highway | How Classified | Approximate Mileage | |
|---|---|---|---|---|---|
| | | | | Arterial | Secondary |
| *City Municipalities* | | | | | |
| Alberni | 33R | Canadian Highway | Arterial | 2.00 | |
| | 152R | River Road | Arterial | 1.60 | |
| | 39B | Beaver Creek Road | Secondary | | 0.43 |
| Armstrong | 34R | Vernon–Salmon Arm | Arterial | 1.50 | |
| | 33B | Armstrong–Salmon Arm | Secondary | | 0.90 |
| Chilliwack | 130R | Trans-Canada Highway | Arterial | 1.65 | |
| Courtenay | 32R | Island Highway | Arterial | 1.35 | |
| | 153R | Comox Road | Arterial | 1.06 | |
| | 3B | Cumberland Road, England Ave., and Fifth St. | Secondary | | 1.10 |
| Cranbrook | 123R | Van Horne St., Baker St., and Cranbrook St. | Arterial | 1.03 | |
| Dawson Creek | 256R | Alaska Ave. and Manse Road | Arterial | 1.70 | |
| | 257R | John Hart Highway | Arterial | 0.38 | |
| | 258R | Eighth St. | Arterial | 0.50 | |
| | 145B | 108th Ave., 17th St., 102nd Ave., and 12th St. | Secondary | | 1.73 |
| Duncan | 138R | York Road, Tzouhalem Road, Government St., and Island Highway | Arterial | 1.46 | |
| | 119B | Tzouhalem Road | Secondary | | 0.68 |
| Enderby | 36R | Vernon–Salmon Arm | Arterial | 1.11 | |
| | 125B | Cliff St. | Secondary | | 0.16 |
| Fernie | 221R | Southern Trans-Provincial Highway | Arterial | 0.60 | |
| Grand Forks | 44R | Trans-Canada Highway | Arterial | 2.40 | |
| Greenwood | 43R | Trans-Canada Highway | Arterial | 1.75 | |
| Kamloops | 121R | Columbia St., and Trans-Canada Highway | Arterial | 1.70 | |
| | 216R | Victoria St. | Arterial | 0.70 | |
| | 239R | Eighth Ave., Lorne St., and Bridge St. | Arterial | 0.75 | |
| | 122B | Third Ave. and Victoria St. | Secondary | | 0.80 |
| | 141B | Part First Ave. and part Lorne St. | Secondary | | 0.68 |
| Kaslo | 78R | Nelson–Kaslo | Arterial | 0.73 | |
| | 113R | "A" Ave., Eighth Ave., and "C" Ave. | Arterial | 0.85 | |
| Kelowna | 243R | Queensway, Ellis St., Bernard Ave., and Vernon Road | Arterial | 1.50 | |
| | 255R | Harvey Ave., Abbott St., and Bernard Ave. | Arterial | 1.40 | |
| Kimberley | 126R | Warren Ave., Wallinger Ave., Ross St., and Banff–Windermere Highway | Arterial | 1.90 | |
| Langley | 263R | Trans-Canada Highway | Arterial | 3.00 | |
| | 264R | Glover Road | Arterial | 1.00 | |
| | 265R | New McLellan Road | Arterial | 1.00 | |
| Nanaimo | 224R | Island Highway | Arterial | 2.00 | |
| | 242R | Nicol St., Terminal Ave., and Fraser St. | Arterial | 2.00 | |
| North Vancouver | 134R | Marine Drive, Third St., and Cotton Road | Arterial | 3.20 | |
| Nelson | 185R | Nelson Ave., Anderson St., Front St., Ward St., Silica St., Stanley St., and Hall Mines Road | Arterial | 2.67 | |
| | 186R | Government Road, Railway St., and Vernon St. | Arterial | 0.70 | |
| Penticton | 182R | Okanagan Highway, Skaha Lake Road, and Main St. | Arterial | 3.89 | |
| | 223R | Okanagan Highway, Westminster Ave., and New Highway | Arterial | 0.90 | |
| | 135B | Penticton–Naramata Road | Secondary | | 5.50 |
| Port Alberni | 129R | Trunk Highway, Third Ave., Kingsway, and Argyle St. | Arterial | 1.63 | |
| | 240R | Redford St. and Port Alberni Highway | Arterial | 1.25 | |
| Port Coquitlam | 75R | Central Arterial | Arterial | 3.70 | |
| | 165R | Lougheed Highway | Arterial | 3.80 | |
| Port Moody | 57R | Ioco–Port Moody | Arterial | 2.59 | |
| | 200R | Vancouver–Coquitlam Highway | Arterial | 3.93 | |
| | 116B | Clarke Road | Secondary | | 0.80 |
| Prince George | 237R | First Ave., Victoria St., Twentieth Ave., and Cameron St. | Arterial | 3.50 | |
| | 133B | Patricia Ave. and Queen St. | Secondary | | 1.20 |
| Prince Rupert | 122R | Shawatlans Road, Fredericks St., Eleventh Ave., Prince Rupert Boulevard, and McBride St. | Arterial | 2.61 | |
| Revelstoke | 229R | Wilson St., Victoria Road, and Wales St. | Arterial | 0.45 | |
| | 139B | Victoria Road, McKenzie Ave., Third St., Railway Ave., and Fourth St. | Secondary | | 1.10 |
| Rossland | 144R | Rossland–Paterson Highway, Columbia Ave., St. Paul St., Le Roi Ave., and Schofield Highway | Arterial | 2.65 | |

## STATEMENT SHOWING HIGHWAYS CLASSIFIED AS AT MARCH 31ST, 1958—*Continued*

| Name of Municipality | Ref. No. | Name of Highway | How Classified | Approximate Mileage | |
|---|---|---|---|---|---|
| | | | | Arterial | Secondary |
| *City Municipalities*—Continued | | | | | |
| Salmon Arm | 197R | Trans-Canada Highway | Arterial | 0.87 | ..... |
| | 23B | Salmon Arm–Enderby | Secondary | ..... | 0.69 |
| | 80B | Salmon Arm–Enderby | Secondary | ..... | 0.21 |
| Slocan | 87R | Slocan Valley–Nakusp Highway | Arterial | 0.92 | ..... |
| Trail | 267R | Trail–Salmo–Nelson Highway | Arterial | 4.15 | ..... |
| Vernon | 127R | Thirty-second St., Forty-third Ave., and Twenty-seventh St. | Arterial | 2.30 | ..... |
| | 114B | Thirtieth Ave., Thirtieth St., and Coldstream Road | Secondary | ..... | 0.78 |
| | | | | 84.33 | 16.76 |
| *District Municipalities* | | | | | |
| Burnaby | 1R | Trans-Canada Highway (Kingsway) | Arterial | 4.22 | ..... |
| | 14R | Hastings–Barnet (Vancouver–Coquitlam Highway) | Arterial | 6.38 | ..... |
| | 17R | Central Arterial (Lougheed Highway) | Arterial | 6.15 | ..... |
| | 135R | Grandview–Douglas Highway | Arterial | 5.43 | ..... |
| | 241R | Edmonds St. | Arterial | 0.60 | ..... |
| | 14B | North Road (west half) | Secondary | ..... | 1.40 |
| | 22B | Riverway (Marine Drive) | Secondary | ..... | 3.30 |
| Central Saanich | 170R | West Saanich Road | Arterial | 4.55 | ..... |
| | 171R | Scott Road and portion of Mount Newton Cross-road | Arterial | 1.60 | ..... |
| | 172R | Verdier Ave. | Arterial | 0.77 | ..... |
| | 213R | Patricia Bay Highway | Arterial | 4.30 | ..... |
| | 121B | Keating Cross-road | Secondary | ..... | 2.00 |
| Chilliwhack | 8R | Trans-Canada Highway (Yale Road) | Arterial | 15.27 | ..... |
| | 260R | Mount Baker Trail | Arterial | 1.00 | ..... |
| | 62B | Sardis Road | Secondary | ..... | 3.65 |
| | 106B | Cultus Lake Road | Secondary | ..... | 0.88 |
| Coldstream | 103R | Monashee Road (White Valley) | Arterial | 9.00 | ..... |
| Coquitlam | 166R | Lougheed Highway | Arterial | 7.50 | ..... |
| | 167R | Coquitlam Road | Arterial | 0.40 | ..... |
| | 201R | Vancouver–Coquitlam Highway | Arterial | 1.55 | ..... |
| | 14B | North Road (east half) | Secondary | ..... | 1.40 |
| | 115B | Clarke Road | Secondary | ..... | 1.05 |
| Delta | 133R | Road to ferry, Westminster Ave., Elliott St., Ladner Trunk Road, and Scott Road | Arterial | 15.85 | ..... |
| | 40B | Boundary Bay Road | Secondary | ..... | 7.80 |
| Esquimalt | 204R | Craigflower Road | Arterial | 1.00 | ..... |
| | 126B | Tillicum Road | Secondary | ..... | 0.54 |
| Fraser Mills | 76R | Central Arterial (Lougheed Highway) | Arterial | 0.78 | ..... |
| Glenmore | 82R | Kelowna–Vernon | Arterial | 0.93 | ..... |
| | 252R | Bernard Ave. and Glenmore Drive | Arterial | 5.40 | ..... |
| Kent | 26R | Lougheed Highway (Deroche–Agassiz Road and Agassiz Ferry Road) | Arterial | 13.72 | ..... |
| | 160R | Harrison Hot Springs Road | Arterial | 2.37 | ..... |
| | 214R | Kelly Road | Arterial | 0.41 | ..... |
| Langley | 77R | Aldergrove–Bellingham | Arterial | 4.04 | ..... |
| | 259R | Glover Road | Arterial | 6.00 | ..... |
| | 262R | Trans-Canada Highway | Arterial | 11.00 | ..... |
| Maple Ridge | 22R | Lougheed Highway | Arterial | 12.46 | ..... |
| | 73B | River Road and Dewdney Trunk Road | Secondary | ..... | 10.80 |
| Matsqui | 4R | Trans-Canada Highway (Yale Road) | Arterial | 7.88 | ..... |
| | 12R | Abbotsford–Mission | Arterial | 5.27 | ..... |
| Mission | 23R | Lougheed Highway | Arterial | 9.10 | ..... |
| | 77B | Dewdney Trunk Road | Secondary | ..... | 15.50 |
| | 96B | Cedar Valley Road | Secondary | ..... | 2.00 |
| North Cowichan | 168R | Trans-Canada Highway | Arterial | 12.10 | ..... |
| | 247R | Somenos Road and Herd Road | Arterial | 2.50 | ..... |
| | 248R | Mount Sicker Road, Chemainus Road, Crofton Road, and Chaplin Road | Arterial | 4.20 | ..... |
| | 249R | Cowichan Lake Road | Arterial | 3.30 | ..... |
| | 36B | Quamichan Lake Road | Secondary | ..... | 4.25 |
| | 144B | Somenos Road and Chemainus Road | Secondary | ..... | 10.00 |
| North Vancouver | 156R | Marine Drive | Arterial | 1.00 | ..... |
| | 157R | Main St., Dollarton Highway, and Deep Cove Road | Arterial | 6.00 | ..... |
| | 56B | Mountain Highway | Secondary | ..... | 1.73 |
| Oak Bay | 109B | Beach Drive | Secondary | ..... | 5.06 |

## STATEMENT SHOWING HIGHWAYS CLASSIFIED AS AT MARCH 31ST, 1958—*Continued*

| Name of Municipality | Ref. No. | Name of Highway | How Classified | Approximate Mileage | |
|---|---|---|---|---|---|
| | | | | Arterial | Secondary |
| *District Municipalities*—Continued | | | | | |
| Peachland | 40R | Peachland–Kelowna | Arterial | 7.16 | |
| Pitt Meadows | 21R | Lougheed Highway (Dewdney Trunk Road) | Arterial | 3.23 | |
| | 74B | Harris Road | Secondary | | 1.70 |
| | 75B | Hammond Road | Secondary | | 0.90 |
| | 78B | Harris Road | Secondary | | 1.90 |
| | 79B | McNeil Road | Secondary | | 2.00 |
| | 92B | Old Dewdney Trunk Road | Secondary | | 3.50 |
| Richmond | 66R | No. 5 Road | Arterial | 5.89 | |
| | 50B | Woodward Highway | Secondary | | 6.28 |
| | 84B | Steveston Highway | Secondary | | 2.90 |
| Saanich | 28R | Island Highway | Arterial | 1.70 | |
| | 174R | West Saanich Road | Arterial | 5.60 | |
| | 212R | Patricia Bay Highway | Arterial | 7.20 | |
| | 228R | Trans-Canada Highway | Arterial | 2.40 | |
| | 148B | Tillicum Road | Secondary | | 0.09 |
| Salmon Arm | 38R | Trans-Canada Highway | Arterial | 8.25 | |
| | 146R | Canoe Road | Arterial | 4.70 | |
| | 24B | Salmon Arm–Enderby | Secondary | | 4.20 |
| | 26B | Salmon Arm–Grand Prairie | Secondary | | 6.25 |
| Spallumcheen | 143R | Vernon–Salmon Arm Highway | Arterial | 12.35 | |
| | 32B | Armstrong–Salmon River | Secondary | | 7.10 |
| Sumas | 6R | Trans-Canada Highway | Arterial | 11.68 | |
| | 111R | "C" St., Abbotsford–Huntingdon Road | Arterial | 2.05 | |
| | 150R | Abbotsford By-pass | Arterial | 0.50 | |
| Summerland | 238R | Okanagan Highway | Arterial | 7.00 | |
| | 142B | Peach Orchard Road | Secondary | | 2.65 |
| Powell River | 245R | Marine Ave., Ocean View Ave., Second St., Poplar Ave., First St., and Lund Highway | Arterial | 9.50 | |
| | 143B | Fourth St. | Secondary | | 1.70 |
| Surrey | 2R | Trans-Canada Highway (Yale Road) | Arterial | 12.91 | |
| | 13R | Pacific Highway | Arterial | 9.55 | |
| | 15R | King George VI Highway | Arterial | 14.11 | |
| | 114R | Campbell River Road | Arterial | 1.00 | |
| | 125R | New McLellan Road | Arterial | 9.50 | |
| | 139R | Scott Road | Arterial | 7.43 | |
| | 90B | Campbell River Road | Secondary | | 1.50 |
| West Vancouver | 89R | Marine Drive Addition | Arterial | 0.10 | |
| | 132R | Marine Drive, Keith Road | Arterial | 10.45 | |
| | 250R | Taylor Way | Arterial | 0.70 | |
| | | | | 348.99 | 114.03 |
| *Town Municipalities* | | | | | |
| Mission City | 24R | Abbotsford–Mission Road (Horne Ave. and Harbour St.) | Arterial | 0.56 | |
| | 25R | Lougheed Highway (Dewdney Trunk Road) | Arterial | 1.40 | |
| | 93B | Seventh St. and Grant Ave. | Secondary | | 0.70 |
| | 97B | Cedar Valley Road (east half) | Secondary | | 0.50 |
| Quesnel | 47R | Cariboo Road | Arterial | 1.28 | |
| | | | | 3.24 | 1.20 |
| *Village Municipalities* | | | | | |
| Abbotsford | 5R | Trans-Canada Highway (Yale Road) | Arterial | 0.50 | |
| | 11R | Abbotsford–Mission | Arterial | 0.33 | |
| | 149R | Abbotsford By-pass | Arterial | 0.35 | |
| Ashcroft | 198R | Brink St., Fourth St., and Railway Ave. | Arterial | 1.00 | |
| Burns Lake | 49R | Prince Rupert Highway | Arterial | 0.53 | |
| | 158R | Burns Lake–Francois Lake Road | Arterial | 0.18 | |
| Campbell River | 120R | Island Highway | Arterial | 2.47 | |
| Castlegar | 112R | Southern Trans-Provincial Highway | Arterial | 1.45 | |
| Chapman Camp | 105B | Fifth Ave., Third Ave., and portion of Main Road | Secondary | | 0.42 |
| | 107B | Mill Road | Secondary | | 0.47 |
| Comox | 234R | Comox Ave. and Anderton Road | Arterial | 1.14 | |
| | 111B | Comox Ave., Wharf St., and Balmoral Ave. | Secondary | | 1.00 |
| Creston | 45R | Trans-Canada Highway (Canyon Road) | Arterial | 0.83 | |
| Cumberland | 34B | Dunsmuir Ave. | Secondary | | 0.36 |
| | 35B | Courtenay–Cumberland Road (Fourth St.) | Secondary | | 0.21 |
| Fort St. James | 254R | Vanderhoof–Stuart Lake Road and Fort St. James Road | Arterial | 1.70 | |

# STATEMENT SHOWING HIGHWAYS CLASSIFIED AS AT MARCH 31ST, 1958—*Continued*

| Name of Municipality | Ref. No. | Name of Highway | How Classified | Approximate Mileage | |
|---|---|---|---|---|---|
| | | | | Arterial | Secondary |
| *Village Municipalities*—Continued | | | | | |
| Fort St. John | 141R | Highway St. | Arterial | 1.00 | ..... |
| | 142R | Centre Ave. | Arterial | 1.00 | ..... |
| Fruitvale | 202R | Trail–Salmo–Nelson Highway | Arterial | 1.85 | ..... |
| | 129B | Columbia Gardens Road | Secondary | ..... | 0.80 |
| Gibsons Landing | 164R | Gibsons Landing–Pender Harbour Highway | Arterial | 1.12 | ..... |
| | 120B | Gower Point Road | Secondary | ..... | 0.88 |
| Harrison Hot Springs | 161R | Harrison Hot Springs Road and Lillooet Ave. | Arterial | 2.64 | ..... |
| Hope | 179R | Hope–Princeton Highway | Arterial | 1.65 | ..... |
| | 180R | Trans-Canada Highway | Arterial | 1.05 | ..... |
| Houston | 266R | Northern Trans-Provincial Highway | Arterial | 0.80 | ..... |
| Invermere | 189R | Waterway Drive, Third St., and Bruce Ave. | Arterial | 1.75 | ..... |
| Kinnaird | 181R | Southern Trans-Provincial Highway | Arterial | 2.86 | ..... |
| Ladysmith | 68R | Island Highway | Arterial | 0.63 | ..... |
| Lake Cowichan | 98R | Cowichan Lake Road and North Shore Road | Arterial | 1.44 | ..... |
| | 99R | South Shore Road | Arterial | 1.12 | ..... |
| Lumby | 261R | Vernon St. (Slocan Highway) | Arterial | 1.65 | ..... |
| | 147B | Shuswap Ave. | Secondary | ..... | 1.25 |
| Lytton | 106R | Trans-Canada Highway | Arterial | 0.30 | ..... |
| | 107R | Main St. | Arterial | 0.60 | ..... |
| | 108R | *Sixth St. and Fraser St.* | Arterial | 0.28 | ..... |
| Lillooet | 116R | Main St. and Main St. South | Arterial | 1.29 | ..... |
| Marysville | 236R | Kootenay–Columbia Highway | Arterial | 1.45 | ..... |
| Merritt | 73R | Merritt–Spences Bridge | Arterial | 1.00 | ..... |
| | 101R | Merritt–Kamloops | Arterial | 1.51 | ..... |
| | 102R | Merritt–Princeton | Arterial | 1.21 | ..... |
| | 130B | Voght St. | Secondary | ..... | 0.50 |
| McBride | 220R | First Ave. and Main St. | Arterial | 0.64 | ..... |
| *Montrose* | 246R | *Trail–Salmo–Nelson Highway* | Arterial | 1.00 | ..... |
| New Denver | 88R | Slocan Valley–Nakusp Highway | Arterial | 0.91 | ..... |
| North Kamloops | 109R | Kamloops–Tranquille Road | Arterial | 1.10 | ..... |
| Oliver | 115R | Okanagan St. | Arterial | 0.84 | ..... |
| | 118B | Fairview Road | Secondary | ..... | 0.66 |
| Osoyoos | 145R | Main St., First Ave., and Lakeshore Drive | Arterial | 1.22 | ..... |
| | 137B | Fourth Ave. | Secondary | ..... | 0.75 |
| Parksville | 176R | Island Highway | Arterial | 2.15 | ..... |
| | 177R | Canadian Highway | Arterial | 0.76 | ..... |
| Pouce Coupe | 83R | Arterial Highway, Pouce Coupe | Arterial | 0.43 | ..... |
| Princeton | 194R | Bridge St. and Merritt (One Mile–Princeton) Road | Arterial | 0.64 | ..... |
| | 199R | Southern Trans-Provincial (Hope–Princeton) Highway | Arterial | 1.30 | ..... |
| | 127B | Vermilion Ave. | Secondary | ..... | 0.28 |
| | 128B | Tulameen Road | Secondary | ..... | 0.50 |
| Qualicum Beach | 94R | Island Highway | Arterial | 3.26 | ..... |
| | 154R | Jones St., Second Ave., Main St., and Station Road | Arterial | 1.60 | ..... |
| Salmo | 230R | Salmo–Fruitvale Road | Arterial | 0.78 | ..... |
| | 231R | Nelson–Nelway Road | Arterial | 0.65 | ..... |
| Sechelt | 244R | Porpoise Bay Road | Arterial | 0.65 | ..... |
| Sidney | 268R | Fifth St., Queens Ave., and Resthaven Drive | Arterial | 1.33 | ..... |
| | 146B | Beacon Ave. | Secondary | ..... | 1.00 |
| Silverton | 90R | Slocan Valley–Nakusp Highway | Arterial | 0.45 | ..... |
| Smithers | 50R | Prince Rupert Highway | Arterial | 1.45 | ..... |
| | 58B | Hudson Bay Mountain Road | Secondary | ..... | 1.35 |
| Squamish | 222R | Galbraith Ave., Vancouver St., and Cleveland Ave. | Arterial | 2.27 | ..... |
| Stewart | 72R | Stewart–Bear River Highway | Arterial | 1.78 | ..... |
| Telkwa | 215R | Northern Trans-Provincial Highway | Arterial | 0.80 | ..... |
| | 136B | Telkwa Coal Road | Secondary | ..... | 1.00 |
| Terrace | 219R | Northern Trans-Provincial Highway | Arterial | 1.45 | ..... |
| | 67B | Kalum St. | Secondary | ..... | 0.50 |
| Tofino | 86R | Tofino–Ucluelet Road | Arterial | 1.17 | ..... |
| Ucluelet | 192R | Tofino–Ucluelet Road | Arterial | 1.13 | ..... |
| | 251R | Peninsula Road | Arterial | 1.30 | ..... |
| Vanderhoof | 232R | Northern Trans-Provincial Highway | Arterial | 1.23 | ..... |
| | 233R | Fort St. James Highway | Arterial | 0.95 | ..... |
| Warfield | 205R | Southern Trans-Provincial Highway | Arterial | 0.68 | ..... |
| | 206R | Trail–Salmo–Nelson Highway | Arterial | 1.13 | ..... |
| Williams Lake | 79R | Williams Lake–Soda Creek Road | Arterial | 1.00 | ..... |
| | 190R | Railway Ave. | Arterial | 0.45 | ..... |
| Zeballos | 196R | Zeballos Road | Arterial | 1.00 | ..... |
| | | | | 76.18 | 11.93 |

## STATEMENT SHOWING HIGHWAYS CLASSIFIED AS AT MARCH 31ST, 1958—*Continued*

*Summary*

| | Arterial | Secondary |
|---|---|---|
| City municipalities | 84.33 | 16.76 |
| District municipalities | 348.99 | 114.03 |
| Town municipalities | 3.24 | 1.20 |
| Village municipalities | 76.18 | 11.93 |
| Total classified highways | 512.74 | 143.92 |
| *Deduct* for duplicate mileage— | | |
| Scott Road in Delta and Surrey Municipalities | 5.15 | ..... |
| Lougheed Highway in City of Port Coquitlam and Coquitlam Municipality | 0.60 | ..... |
| | 506.99 | 143.92 |

## SNOW-REMOVAL, FISCAL YEAR 1957/58

| Electoral District | Miles Kept Open by Plough (or Attempted) | Total Cost |
|---|---|---|
| Alberni | 57.99 | $4,553.51 |
| Atlin (North) | 308.00 | 60,711.25 |
| Atlin (South) | 63.80 | 21,741.11 |
| Burnaby | 22.18 | 239.12 |
| Cariboo (North) | 675.00 | 77,770.68 |
| Cariboo (South) | 844.00 | 95,959.90 |
| Chilliwack | 56.82 | 2,088.73 |
| Columbia | 364.21 | 50,221.14 |
| Comox | 774.01 | 11,050.31 |
| Cowichan-Newcastle | 102.20 | 4,743.59 |
| Cranbrook | 330.00 | 57,748.88 |
| Delta | 40.57 | 1,483.45 |
| Dewdney | 83.44 | 2,772.59 |
| Esquimalt | 77.63 | 2,384.77 |
| Fernie | 310.60 | 35,876.05 |
| Fort George | 770.39 | 140,241.73 |
| Grand Forks-Greenwood | 791.60 | 70,361.23 |
| Kamloops | 980.20 | 130,470.95 |
| Kaslo-Slocan | 347.60 | 77,237.89 |
| Lillooet | 745.68 | 78,137.21 |
| Mackenzie | 282.40 | 17,776.37 |
| Nanaimo and The Islands | 32.26 | 2,299.50 |
| Nelson-Creston | 355.55 | 101,297.76 |
| New Westminster | 6.10 | 40.01 |
| North Okanagan | 470.19 | 46,544.84 |
| North Vancouver | 30.40 | 883.00 |
| Omineca (East) | 535.95 | 35,786.45 |
| Omineca (West) | 550.40 | 62,934.79 |
| Peace River North | 678.50 | 96,319.14 |
| Peace River South | 521.60 | 121,518.91 |
| Prince Rupert | 95.70 | 6,864.12 |
| Revelstoke | 173.55 | 97,629.90 |
| Rossland-Trail | 204.98 | 57,442.00 |
| Saanich | 15.40 | 54.25 |
| Salmon Arm | 457.50 | 32,150.61 |
| Similkameen | 672.48 | 142,446.70 |
| Skeena (East) | 354.70 | 47,547.52 |
| Skeena (West) | 215.75 | 41,091.74 |
| South Okanagan | 626.00 | 25,351.73 |
| Vancouver-Point Grey | 5.90 | 68.55 |
| Yale | 586.00 | 103,708.15 |
| | 14,617.23 | $1,965,550.13 |
| *Less* credits | ..... | 653.63 |
| Totals | 14,617.23 | $1,964,896.50 |

# TOTAL MILEAGE AND TYPE OF CONSTRUCTION OF PROVINCIAL HIGHWAYS

## STATEMENT AS AT MARCH 31st, 1958

### Showing Mileage of Provincial Highways and Mileage of Highways Classified under Part III of the "Highway Act"

(Figures for classified highways shown in bold type.)

| Electoral District | Whether Provincial or Classified | Cleared and Undeveloped | Not Gravelled | Gravel | Surfaced | | | | | | | Total (Miles) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Portland Cement Concrete | Asphaltic Concrete | Bituminous Plant-mix Pavements | Bituminous Road-mix Pavements | Bituminous Surface Treatments | Bituminous Seal-coats | Processed Base Only | |
| Alberni | Provincial | 9.90 | 45.24 | 82.94 | ..... | ..... | 30.84 | 14.90 | 7.64 | ..... | ..... | 191.46 |
| | **Classified** | ..... | ..... | **4.60** | ..... | ..... | **6.91** | ..... | ..... | ..... | ..... | **11.51** |
| Atlin (North) | Provincial | 53.00 | 101.00 | 325.00 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 479.00 |
| | **Classified** | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Atlin (South) | Provincial | 6.70 | 19.40 | 71.70 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 97.80 |
| | **Classified** | ..... | ..... | **1.78** | ..... | ..... | ..... | ..... | ..... | ..... | ..... | **1.78** |
| Burnaby | Provincial | ..... | ..... | ..... | ..... | ..... | 0.79 | ..... | ..... | ..... | ..... | 0.79 |
| | **Classified** | ..... | ..... | ..... | **4.90** | **12.34** | **0.60** | **9.64** | ..... | ..... | ..... | **27.48** |
| Cariboo (North) | Provincial | 98.65 | 553.52 | 321.71 | ..... | ..... | 53.10 | 3.72 | ..... | ..... | ..... | 1,030.70 |
| | **Classified** | ..... | ..... | ..... | ..... | ..... | **1.28** | ..... | ..... | ..... | ..... | **1.28** |
| Cariboo (South) | Provincial | 837.86 | 663.95 | 438.35 | ..... | ..... | 92.45 | ..... | ..... | ..... | ..... | 2,032.61 |
| | **Classified** | ..... | ..... | ..... | ..... | ..... | **1.45** | ..... | ..... | ..... | ..... | **1.45** |
| Chilliwack | Provincial | 2.10 | 16.61 | 33.74 | ..... | ..... | 19.85 | ..... | ..... | 0.33 | ..... | 72.63 |
| | **Classified** | ..... | ..... | **1.00** | **6.95** | **0.88** | **42.18** | ..... | ..... | ..... | ..... | **51.01** |
| Columbia | Provincial | ..... | 270.17 | 292.50 | ..... | ..... | 78.18 | 26.53 | ..... | ..... | ..... | 667.38 |
| | **Classified** | ..... | ..... | ..... | ..... | ..... | ..... | **1.75** | ..... | ..... | ..... | **1.75** |
| Comox | Provincial | 7.20 | 16.00 | 552.13 | ..... | 17.65 | 130.91 | 22.74 | 0.81 | 26.57 | ..... | 774.01 |
| | **Classified** | ..... | ..... | ..... | ..... | **2.04** | **14.42** | ..... | ..... | ..... | ..... | **16.46** |
| Cowichan-Newcastle | Provincial | ..... | 32.44 | 136.76 | ..... | 2.40 | 67.89 | 35.79 | 56.29 | ..... | ..... | **331.57** |
| | **Classified** | ..... | ..... | ..... | ..... | ..... | **41.68** | ..... | ..... | ..... | ..... | **41.68** |
| Cranbrook | Provincial | ..... | 260.30 | 141.73 | ..... | ..... | 69.93 | 49.54 | 0.50 | ..... | ..... | 522.00 |
| | **Classified** | ..... | ..... | ..... | **0.20** | ..... | **3.35** | **0.89** | **0.83** | ..... | ..... | **5.27** |
| Delta | Provincial | 1.20 | ..... | 7.47 | ..... | ..... | 4.72 | ..... | ..... | ..... | ..... | 13.39 |
| | **Classified** | ..... | ..... | **8.20** | ..... | **104.66** | **7.90** | ..... | ..... | ..... | ..... | **120.76** |
| Dewdney | Provincial | ..... | 14.31 | 98.52 | ..... | ..... | 2.88 | 13.12 | 11.25 | ..... | ..... | 140.08 |
| | **Classified** | **3.70** | ..... | **3.00** | **0.34** | ..... | **64.77** | **21.05** | **20.03** | ..... | ..... | **112.89** |
| Dewdney (East) | Provincial | ..... | 0.10 | 1.91 | ..... | ..... | 7.84 | ..... | ..... | ..... | ..... | 9.85 |
| | **Classified** | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Esquimalt | Provincial | 10.82 | 19.49 | 268.63 | 3.05 | ..... | 37.93 | 59.87 | 54.74 | ..... | 0.75 | 455.28 |
| | **Classified** | ..... | ..... | ..... | ..... | ..... | **1.54** | ..... | ..... | ..... | ..... | **1.54** |
| Fernie | Provincial | 116.25 | 126.70 | 144.60 | ..... | ..... | 70.60 | 22.80 | ..... | ..... | ..... | 480.95 |
| | **Classified** | ..... | ..... | **0.60** | ..... | ..... | ..... | ..... | ..... | ..... | ..... | **0.60** |
| Fort George | Provincial | 242.10 | 188.00 | 538.05 | ..... | ..... | 49.45 | ..... | ..... | ..... | 19.60 | 1,037.20 |
| | **Classified** | ..... | ..... | ..... | ..... | ..... | **5.34** | ..... | ..... | ..... | ..... | **5.34** |
| Grand Forks-Greenwood | Provincial | 45.90 | 360.00 | 141.50 | ..... | ..... | 77.50 | 37.25 | 9.30 | ..... | ..... | 671.45 |
| | **Classified** | ..... | ..... | ..... | ..... | ..... | **2.20** | **1.95** | ..... | ..... | ..... | **4.15** |

## TOTAL MILEAGE AND TYPE OF CONSTRUCTION OF PROVINCIAL HIGHWAYS—*Continued*

| Electoral District | Whether Provincial or Classified | Cleared and Undeveloped | Not Gravelled | Gravel | Surfaced | | | | | | | Total (Miles) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Portland Cement Concrete | Asphaltic Concrete | Bituminous Plant-mix Pavements | Bituminous Road-mix Pavements | Bituminous Surface Treatments | Bituminous Seal-coats | Processed Base Only | |
| Kamloops | Provincial | 6.99 | 417.49 | 797.20 | ..... | ..... | 166.97 | 49.28 | 8.25 | ..... | 8.30 | 1,454.48 |
| | **Classified** | ..... | ..... | **0.25** | ..... | ..... | **2.40** | **4.08** | ..... | ..... | ..... | **6.73** |
| Kaslo-Slocan | Provincial | ..... | 296.80 | 341.24 | ..... | ..... | 16.60 | 13.90 | ..... | ..... | ..... | 668.54 |
| | **Classified** | ..... | ..... | **0.20** | ..... | ..... | **3.66** | ..... | ..... | ..... | ..... | **3.86** |
| Lillooet | Provincial | ..... | 521.70 | 544.55 | ..... | ..... | 50.04 | 31.20 | ..... | ..... | ..... | 1,147.49 |
| | **Classified** | ..... | ..... | ..... | ..... | ..... | **2.27** | **1.29** | ..... | ..... | ..... | **3.56** |
| Mackenzie | Provincial | ..... | 84.24 | 234.26 | ..... | ..... | 73.03 | 13.80 | ..... | ..... | ..... | 405.33 |
| | **Classified** | ..... | ..... | ..... | ..... | ..... | **10.85** | **3.00** | ..... | ..... | ..... | **13.85** |
| Oak Bay | Provincial | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| | **Classified** | ..... | ..... | ..... | ..... | **0.42** | **1.77** | ..... | **2.87** | ..... | ..... | **5.06** |
| Nanaimo-Islands | Provincial | 6.90 | 25.36 | 187.94 | ..... | ..... | 3.50 | 25.50 | 48.31 | ..... | ..... | 297.51 |
| | **Classified** | ..... | ..... | ..... | ..... | ..... | **4.00** | ..... | ..... | ..... | ..... | **4.00** |
| Nelson-Creston | Provincial | ..... | 298.80 | 214.08 | ..... | ..... | 151.11 | 22.68 | 6.15 | 26.13 | ..... | 718.95 |
| | **Classified** | ..... | ..... | ..... | **0.48** | ..... | **5.15** | ..... | ..... | ..... | ..... | **5.63** |
| New Westminster | Provincial | ..... | ..... | 0.88 | 0.27 | ..... | 1.26 | 3.69 | ..... | ..... | ..... | 6.10 |
| | **Classified** | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| North Okanagan | Provincial | ..... | 227.54 | 307.57 | ..... | ..... | 132.59 | ..... | ..... | ..... | ..... | 667.70 |
| | **Classified** | ..... | ..... | **7.10** | **0.33** | ..... | ..... | **30.67** | ..... | ..... | ..... | **38.10** |
| North Vancouver | Provincial | ..... | ..... | ..... | ..... | ..... | 8.10 | ..... | ..... | ..... | ..... | 8.10 |
| | **Classified** | ..... | ..... | ..... | ..... | **1.00** | **22.18** | ..... | ..... | ..... | ..... | **23.18** |
| Omineca (East) | Provincial | 163.54 | 396.55 | 343.23 | ..... | ..... | 50.63 | 15.30 | 1.00 | ..... | ..... | 970.25 |
| | **Classified** | ..... | ..... | ..... | ..... | ..... | **2.18** | **1.70** | ..... | ..... | ..... | **3.88** |
| Omineca (West) | Provincial | 15.50 | 181.70 | 445.30 | ..... | ..... | 35.10 | ..... | ..... | ..... | 9.50 | 687.10 |
| | **Classified** | ..... | ..... | **0.60** | ..... | ..... | **2.71** | ..... | ..... | ..... | ..... | **3.31** |
| Peace River North | Provincial | 1.00 | 1,009.55 | 205.00 | ..... | ..... | 4.50 | 2.50 | ..... | ..... | ..... | 1,222.55 |
| | **Classified** | ..... | ..... | ..... | ..... | ..... | ..... | **2.00** | ..... | ..... | ..... | **2.00** |
| Peace River South | Provincial | 4.00 | 577.60 | 290.30 | ..... | ..... | 29.90 | ..... | ..... | ..... | ..... | 901.80 |
| | **Classified** | ..... | ..... | **1.63** | ..... | ..... | **3.11** | ..... | ..... | ..... | ..... | **4.74** |
| Prince Rupert | Provincial | 2.69 | 12.81 | 127.45 | ..... | ..... | 8.51 | 6.00 | ..... | ..... | ..... | 157.46 |
| | **Classified** | ..... | ..... | ..... | ..... | ..... | **2.61** | ..... | ..... | ..... | ..... | **2.61** |
| Revelstoke | Provincial | 0.14 | 27.51 | 247.05 | ..... | ..... | 31.31 | 18.80 | ..... | ..... | 9.00 | 333.81 |
| | **Classified** | ..... | ..... | ..... | ..... | ..... | **0.87** | **0.68** | ..... | ..... | ..... | **1.55** |
| Rossland-Trail | Provincial | ..... | 73.00 | 96.40 | ..... | ..... | 43.47 | 1.10 | ..... | ..... | ..... | 213.97 |
| | **Classified** | ..... | ..... | **0.80** | **1.30** | ..... | **14.47** | ..... | ..... | ..... | ..... | **16.57** |
| Saanich | Provincial | 0.25 | 2.04 | 23.03 | 3.07 | ..... | 5.20 | 13.06 | 24.53 | ..... | 1.31 | 72.49 |
| | **Classified** | ..... | ..... | ..... | **1.00** | **2.76** | **13.90** | **3.97** | **10.91** | ..... | ..... | **32.54** |
| Salmon Arm | Provincial | 1.40 | 274.20 | 243.40 | ..... | ..... | 110.40 | 8.10 | ..... | ..... | ..... | 637.50 |
| | **Classified** | ..... | ..... | **11.02** | ..... | ..... | **14.15** | ..... | ..... | ..... | ..... | **25.17** |
| Similkameen | Provincial | ..... | 215.63 | 283.02 | ..... | ..... | 201.95 | 93.83 | ..... | 9.31 | ..... | 803.74 |
| | **Classified** | ..... | ..... | ..... | ..... | ..... | **16.48** | ..... | ..... | ..... | ..... | **16.48** |
| Skeena (East) | Provincial | 0.50 | 70.45 | 362.45 | ..... | ..... | 41.50 | ..... | ..... | ..... | ..... | 474.90 |
| | **Classified** | ..... | **0.85** | ..... | ..... | ..... | **1.95** | ..... | ..... | ..... | ..... | **2.80** |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Skeena (West) | Provincial | 9.70 | 32.65 | 166.21 | ..... | ..... | 21.85 | 21.10 | ..... | ..... | ..... | 251.51 |
| | **Classified** | ..... | ..... | **0.10** | ..... | ..... | **1.85** | ..... | ..... | ..... | ..... | **1.95** |
| South Okanagan | Provincial | ..... | 60.80 | 383.94 | ..... | ..... | 86.46 | 67.50 | 22.30 | 5.00 | ..... | 626.00 |
| | **Classified** | ..... | ..... | **1.80** | ..... | ..... | **19.11** | **1.87** | **3.26** | ..... | ..... | **26.04** |
| Vancouver-Point Grey | Provincial | ..... | ..... | ..... | ..... | ..... | 5.00 | 3.50 | ..... | ..... | ..... | 8.50 |
| | **Classified** | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Yale | Provincial | ..... | 390.95 | 159.02 | ..... | ..... | 175.47 | 39.45 | ..... | ..... | ..... | 764.89 |
| | **Classified** | ..... | ..... | ..... | ..... | ..... | **7.22** | **0.88** | ..... | ..... | ..... | **8.10** |
| Totals (miles) | Provincial | 1,644.29 | 7,884.60 | 9,600.76 | 6.39 | 20.05 | 2,249.31 | 736.55 | 251.07 | 67.34 | 48.46 | 22,508.82 |
| | **Classified** | **3.70** | **0.85** | **42.68** | **15.50** | **124.10** | **346.51** | **85.42** | **37.90** | ..... | ..... | **656.66** |
| Grand totals (miles), Provincial and Classified | | 1,647.99 | 7,885.45 | 9,643.44 | 21.89 | 144.15 | 2,595.82 | 821.97 | 288.97 | 67.34 | 48.46 | 23,165.48 |

# TENDERS RECEIVED AND CONTRACTS AWARDED FOR MISCELLANEOUS CONTRACTS, 1957/58

| Description of Work and Names of Tenderers | Amount of Tenders at Unit Rates Based on Estimated Quantities | Remarks |
|---|---|---|
| OKANAGAN FLOOD-CONTROL (1957/58) | | |
| SECTION C, ROCK RIP-RAP: | | |
| Interior Contracting Co. Ltd. | $44,130.00 | Awarded. |
| GRAVEL-CRUSHING | | |
| 1. 1955/56 GRAVEL-CRUSHING (Omitted from previous Reports.) | | |
| PROJECT NO. 679—PETER HOPE PIT, MILE 28, MERRITT–KAMLOOPS ROAD AND CHINAMAN'S PIT AT MERRITT: | | |
| E. R. Taylor Construction Co. Ltd. | $122,060.00 | Awarded. |
| PROJECT NO. 680—PRINCETON–MERRITT ROAD, PIT 13.8 MILES NORTH OF PRINCETON: | | |
| E. R. Taylor Construction Co. Ltd. | $44,200.00 | Awarded. |
| PROJECT NO. 681—LEE CREEK PIT, SQUILAX–ANGLEMONT ROAD AND HAYWARDS CORNER PIT, SALMON RIVER ROAD: | | |
| Western Sand & Gravel Ltd. | $76,500.00 | Awarded. |
| PROJECT NO. 682—PITS AT KLOIYA BAY AND KWINITSA, NORTHERN TRANS-PROVINCIAL HIGHWAY: | | |
| Columbia Bitulithic Ltd. | $205,850.00 | Awarded. |
| PROJECT NO. 683—MCDONALD PIT, KAMLOOPS–MERRITT ROAD, MILE 22: | | |
| Western Sand & Gravel Ltd. | $23,030.00 | Awarded. |
| 2. 1956/57 GRAVEL-CRUSHING (Omitted from 1956/57 Report.) | | |
| FRENCH'S PIT, BRICKYARD ROAD, 2 MILES EAST OF VERNON: | | |
| Storms Contracting Co. (Pacific) Ltd. | $19,500.00 | Awarded. |
| General Construction Co. Ltd. | $22,000.00 | |
| KEREMEOS TOWNSITE AND PRINCETON TOWNSITE PITS: | | |
| E. R. Taylor Construction Co. Ltd. | 40,800.00 | Contract not awarded. |
| Emil Anderson Construction Co. Ltd. | 43,000.00 | |
| LYTTON–LILLOOET ROAD PITS, MILE 20 AND MILE 40 FROM LYTTON: | | |
| Ben Ginter Construction Co. Ltd. | 58,100.00[1] | |
| S. & W. Gravel Crushing Co. Ltd. | 61,700.00 | Awarded. |
| BEDFORD PIT, KELOWNA AND LEWIS PIT, WESTBANK: | | |
| General Construction Co. Ltd. | $70,400.00 | Awarded. |
| Legion Contracting Co. | $80,000.00 | |
| 3. 1957/58 GRAVEL-CRUSHING | | |
| KOPAS PIT, BELLA COOLA ROAD NO. 9: | | |
| E. R. Taylor Construction Co. Ltd. | 38,067.00 | Awarded. |
| B.C. Crushers Ltd. | $49,450.00 | |
| Commonwealth Construction Co. Ltd. | 50,600.00 | |
| R. & E. Crushing & Contracting Co. Ltd. | 50,950.00 | |
| STREET-LIGHTING | | |
| PROJECT NO. 796—STREET-LIGHTING AND TRAFFIC SIGNS, CLOVERLEAF, NORTH APPROACHES, LIONS GATE BRIDGE, NORTH VANCOUVER (Omitted from 1956/57 Report):[2] | | |
| Francis B. Stewart | 19,900.00 | Awarded. |
| Ricketts-Sewell Electric Ltd. | $20,500.00 | |
| J. H. McRae Co. Ltd. | 22,195.00 | |
| C. H. E. Williams Co. Ltd. | 23,999.00 | |

[1] No list of equipment attached.
[2] Lump-sum bids.

# TENDERS RECEIVED AND CONTRACTS AWARDED FOR MISCELLANEOUS CONTRACTS—*Continued*

| Description of Work and Names of Tenderers | Amount of Tenders at Unit Rates Based on Estimated Quantities | Remarks |
|---|---|---|
| PROJECT NO. 877—STREET-LIGHTING AND TRAFFIC SIGNALS, APPROACHES, OAK STREET AND MIDDLE ARM BRIDGES (1957/58):[2] | | |
| Francis Stewart | $92,000.00 | Awarded. |
| C. H. E. Williams Co. Ltd. | $97,272.00 | |
| Ricketts-Sewell Electric Ltd. | 100,000.00 | |
| Hume & Rumble Ltd. | 107,336.00 | |
| Mott Electric Ltd. | 148,300.00 | |
| RADIO COMMUNICATIONS AND POWER-LINES | | |
| PROJECT NO. 738—SUPPLY, INSTALLATION, SERVICE, AND MAINTENANCE OF A COMMUNICATIONS NETWORK IN THE KAMLOOPS, SALMON ARM, OKANAGAN, AND GRAND FORKS AREAS (Omitted from 1956/57 Report):[2] | | |
| Canadian Aviation Electronics | 121,936.55 | Not to required specifications. |
| Rogers Majestic Electronics Ltd. | 132,646.00 | Awarded. |
| Chisholm Industries Ltd. | $159,848.17 | |
| Canadian General Electric Ltd. | ..... | No firm bid. |
| CONSTRUCTION OF POWER-LINE, BOSTON BAR TO RADIO SITE, APPROXIMATELY 2 MILES (1957/58):[2] | | |
| Moore Electric (Kellsey J. Moore) | 12,980.00 | Awarded. |
| J. H. McRae Co. Ltd. | $27,750.00 | |
| Fred Welsh Antenna Systems | 38,300.00 | |
| CONSTRUCTION OF POWER-LINE AND ANTENNA POLES AT PRINCETON RADIO SITE (1957/58): | | |
| Betts Electric Ltd. | 8,978.00 | |
| Moore Electric (Kellsey J. Moore) | 9,130.00 | Alternate tender. |
| Moore Electric (Kellsey J. Moore) | 9,430.00 | Awarded. |
| J. H. McRae Co. Ltd. | $15,900.00 | |
| Berg's Electric Ltd. | 16,446.00 | |
| Peterson Electrical Construction Co. Ltd. | 29,117.00 | |
| GUARD-RAIL INSTALLATION | | |
| PROJECT NO. 791—STEEL-BEAM GUARD-RAIL, TRANS-CANADA HIGHWAY, TUNNELS TO ROBBINS CREEK, 11,000 FT. (Omitted from 1956/57 Report): | | |
| Highway Construction Co. Ltd. | 18,150.00 | Awarded. |
| PROJECT NO. 896—PRE-CAST REINFORCED-CONCRETE NO-POST GUARD-RAIL, TRANS-CANADA HIGHWAY, HORSESHOE BAY–TAYLOR WAY (1957/58): | | |
| Howe Construction Co. Ltd. | $7,954.50[1] | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 10,750.00 | Awarded. |
| Mutual Construction Ltd. | $12,830.00 | |
| General Construction Co. Ltd. | 13,550.00 | |
| Highway Construction Co. Ltd. | 24,822.00 | |
| GRAVELLING | | |
| PROJECT NO. 806—TRANS-CANADA HIGHWAY, HORSESHOE BAY–TAYLOR WAY, 7.9 MILES (Omitted from 1956/57 Report): | | |
| Peter Kiewit Sons' Co. of Canada Ltd. | 239,288.00 | Contract not awarded. |
| General Construction Co. Ltd. | 249,020.00 | |
| E. R. Taylor Construction Co. Ltd. | 287,922.00 | |

[1] No list of equipment attached.
[2] Lump-sum bids.

## STATEMENT AS TO MAJOR HIGHWAY WORK COMPLETED OR IN PROGRESS (EXCLUSIVE OF HARD SURFACING) DURING FISCAL YEAR 1957/58

| Electoral District | Project No. | Name of Road | Extent of Work (Location of Work or Initial and Terminal Points) | Mileage of Work | Description of Work (New Construction, Reconstruction, Widening, etc.) | Date Commenced | Work Completed at Mar. 31, 1958 |
|---|---|---|---|---|---|---|---|
| | | | | | | | Per Cent |
| Alberni | 825 | Faber Road, No. 24 | | 1.00 | Reconstruction and road-mix pavement | | 100 |
| | 825 | McCoy Road, No. 47 | | 2.00 | Reconstruction and road-mix pavement | | 100 |
| | 825 | Lake Shore Road, No. 38 | | 0.60 | Road-mix pavement | | 100 |
| | 825 | Beaver Creek Road, No. 1 | | 2.00 | Road mix pavement | | 100 |
| | ..... | Compton Road, No. 13 | | 0.20 | Road-mix pavement | | 100 |
| | ..... | Mission Road, No. 46 | | 0.20 | Reconstruction and road-mix pavement | | 100 |
| Atlin (North) | 854 | McDame Creek Road | General improvement, consisting of gravelling and ditching where necessary and widening of narrow curves | ..... | Gravelling and widening | May, 1957 | ..... |
| | 854 | Telegraph–Dease Lake Road | General improvement, consisting of gravelling muddy sections and widening of narrow curves | ..... | Gravelling and widening | Apr., 1957 | ..... |
| | ..... | Atlin Highway | Gravelling bad sections | 5.00 | Gravelling | Oct., 1957 | 100 |
| | ..... | O'Donnell River Road | Widening, ditching, and gravelling | 5.00 | Reconstruction — widening, grade revision, and gravelling | July, 1957 | 50 |
| Atlin (South) | 862 | Kitsault River Road | 5 to 8 miles from Alice Arm | ..... | Replaced Flood Bridge with shot-rock fill and widened adjacent narrow sections | Sept., 1957 | 100 |
| | S.W. 25 | Bear River Wingdam | Bear River–Stewart | 0.60 | 1,700 ft. of new wall constructed with gravel fill rip-rapped with shot rock; 1,500 ft. of old plank wall reinforced with gravel and rock | Oct., 1957 | 100 |
| Burnaby | ..... | Edmonds St. | Kingsway to Grandview Highway | 1.30 | Reconstruction — surfacing, curb and gutter | | 100 |
| | ..... | Douglas Hill third lane, Grandview–Douglas Highway | Ulster to Rayside | 0.95 | New construction—widened for third lane | | 100 |
| | ..... | Lougheed Highway | Boundary Road to North Road | 6.25 | Under contract by Construction Branch | | 30 |
| | ..... | Schou Hill third lane, Grandview–Douglas Highway | Ardley Ave. to Ingleton | 0.37 | New construction—widened for third lane | | 100 |
| Cariboo (North) | 855 | Barkerville, No. 38 | 11 miles east of Quesnel<br>15 miles east of Quesnel<br>17 miles east of Quesnel | 3.78 | New construction<br>Reconstruction<br>Realignment, widening | June, 1957 | 100 |
| | 855 | Plywood, No. 22 | At Quesnel | 1.23 | New construction | Apr., 1957 | 100 |
| | 855 | Red Bluff, No. 203 | At Quesnel | 1.31 | Reconstruction—realignment and grade revision | May, 1957 | 100 |
| | 855 | Fraser, No. 32 | 13 miles south of Quesnel | 0.50 | Reconstruction—realignment and grade revision | June, 1957 | 100 |
| | 855 | Dragon Lake, No. 45 | 4 miles south of Quesnel | 1.20 | Reconstruction—widening and grade revision | July, 1957 | 100 |
| | 617 | Cariboo Highway | Ben Ginter contract, Quesnel Airport to Cottonwood River | 8.23 | New construction | | 100 |

| | | | | | | | Per Cent |
|---|---|---|---|---|---|---|---|
| | 621 | Cariboo Highway | Annett contract | 5.19 | Reconstruction | | 100 |
| | 754 | Cariboo Highway | E. Anderson contract, Cottonwood River to Strathnaver | 20.93 | New construction | | 50 |
| | 755 | Cariboo Highway | Canyon Creek to Woodpecker | 7.55 | Reconstruction | | 75 |
| Cariboo (South) | ..... | *Nil* | | ..... | | | ..... |
| Chilliwack | 704 | Columbia Valley Road | West side of Cultus Lake | 5.10 | Reconstruction—widening and grade revision | Sept., 1956 | 100 |
| | ..... | Huntingdon Townsite roads | Huntingdon | 0.60 | Reconstruction — gravelling and curb and gutter (0.25 mile) | Apr., 1957 | 75 |
| | 830 | Sumas Mountain Road | | 2.50 | Reconstruction | Sept., 1957 | 100 |
| Columbia | 958 | Trans-Canada Highway, Donald–Quartz Creek section | Mile 642.16 to Mile 654.79 | 12.63 | Clearing and grubbing only | Mar., 1958 | 5 |
| | 848 | Giant Mine–Spillimacheen River, No. 19 | Mile 1.00 to Mile 4.00 | 3.00 | Widening, gravel, and culverts | Apr., 1957 | 100 |
| | 848 | Toby Road, No. 4 | Mile 1.00 to Mile 26.00 | 25.00 | Widening, gravel, culverts, and clearing | May, 1957 | 100 |
| | 848 | Trans-Canada Highway, Big Bend section | Mile 1.00 to Mile 92.20 | 91.20 | Clearing, widening, gravel, culverts, calcium chloride | May, 1957 | 100 |
| | 848 | Athalmer streets, paving | Laurier Ave., Fourth Ave., and Borden St. | 0.71 | Widening, gravelling, road-mix pavement | July, 1957 | 100 |
| | 848 | Kootenay–Columbia Highway, No. 95 | Mile 18.5 to Mile 33.5 | 15.00 | Complete gravelling, Mile 18.5 to Mile 25.6 | June, 1956 | 100 |
| | | | | | Reconstruction (alignment and grade revision), Mile 25.6 to Mile 31.1 | May, 1957 | 100 |
| | | | | | Clearing, grubbing, fencing, Mile 31.1 to Mile 33.5 | Aug., 1957 | 90 |
| | 884 | Kootenay–Columbia Highway, No. 95 | Mile 41.56 to Mile 51.66 north of Vermilion, Spillimacheen section | 10.10 | Reconstruction — alignment and grade revision; fencing, gravelling, culverts to be completed | July, 1957 | 93 |
| | 398 | Trans-Canada Highway, No. 87, Kicking Horse Canyon section | Mile 0.00 to Mile 69.03 | 69.03 | Reconstruction—alignment and grade revision | Nov., 1952 | 100 |
| | 767 | Kootenay–Columbia Highway, No. 95 | Mile 56.08 to Mile 57.75 | 1.67 | Reconstruction—alignment and grade revision | Aug., 1956 | 100 |
| | 879 | Trans-Canada Highway, Golden–Donald section | Mile 668.67 to Mile 654.79 | 13.88 | Reconstruction—alignment and grade revision | Aug., 1957 | 5 |
| Comox | 828 | Sayward Road | 4.70 miles south from Salmon River camp | 4.70 | Surfacing | | 100 |
| | 828 | Sayward Road | General improvements | ..... | General improvements | | 100 |
| | 828 | Island Highway | Ideal Auto Court to Twenty-first St. | 4.50 | Reconstruction—ditching, widening, and gravel | | 100 |
| | 828 | Astra Road | Portion from beach to Kilmorley and sharp corner east of Denny Road | 0.29 | Reconstruction—fill and remove corner | | 100 |
| | 828 | Clarkson Road | Start of road to new construction | 0.44 | Reconstruction — widening, ditching, gravelling, and paving | | 100 |
| | 828 | Comox Lake Road | Cumberland village limits to Japtown | 0.90 | Reconstruction — widening, ditching, gravelling, and paving | | 100 |
| | 828 | Fraser Road | Island Highway to just short of logging crossing | 0.70 | Reconstruction — widening, ditching, gravelling, and paving | | 100 |
| | 828 | Kilmorley Road | Little River to Astra | 0.65 | Reconstruction — widening, ditching gravelling, and paving | | 100 |

## STATEMENT AS TO MAJOR HIGHWAY WORK COMPLETED OR IN PROGRESS—*Continued*

| Electoral District | Project No. | Name of Road | Extent of Work (Location of Work or Initial and Terminal Points) | Mileage of Work | Description of Work (New Construction, Reconstruction, Widening, etc.) | Date Commenced | Work Completed at Mar. 31, 1958 |
|---|---|---|---|---|---|---|---|
| | | | | | | | Per Cent |
| Comox | 828 | Kye Bay Hill | Top of hill toward Windslow Road | 0.12 | Reconstruction — ditching and dig out bank | | 100 |
| | 828 | Left Road | Coleman to Whitaker Road | 0.82 | Reconstruction — ditching, widening, gravelling, and paving | | 100 |
| | 828 | Willemar Ave. | Cumberland to Simpson Road | 0.62 | Reconstruction — ditching, widening, gravelling, and paving | | 100 |
| | 828 | Dickenson Road | Lantzville Road, 1 mile | 1.00 | Reconstruction — ditching, widening, gravelling, and paving | | 100 |
| | 828 | Grafton Ave. | Errington to Coombs Station Road | 2.14 | Reconstruction — ditching, widening, and gravelling | | 85 |
| | 828 | Hammond Bay Road | | 0.70 | Reconstruction — ditching, widening, and gravelling | | 100 |
| | 828 | Birch St. | Second St., in front of hospital | 0.15 | Reconstruction — ditching, widening, gravelling, and paving | | 100 |
| | 828 | Second St. | Birch to Dogwood | 0.27 | Reconstruction — ditching, widening, gravelling, and paving | | 100 |
| | Job 1 | Resurface roads, Wellington area | Fourth St., Fifth St., Victoria Ave., and Wellessley Ave. | 0.67 | Just paved | | 100 |
| | | Seal-coat | First, Second, and Third Sts., and Corrunna Ave. | | Seal-coat | | 100 |
| | | Second St.–Departure Bay | Loat St. to Bay St. | 0.24 | Just paved | | 100 |
| Cowichan-Newcastl | 826 | Crofton Road, No. 248R | Chemainus Road to Ferry Dock | 2.75 | Reconstruction and road-mix pavement | | 100 |
| | 826 | Chemainus Road, No. 248R | Crofton Road to Mount Sicker Road | 1.20 | Recap (road mix) | | 100 |
| | 826 | Wilkinson Road, No. 204 | Cedar Road to end | 1.00 | Reconstruction and road-mix pavement | | 100 |
| | 826 | Brightman Road, No.152 | | 0.60 | Reconstruction and road-mix pavement | | 100 |
| | 826 | Riverside Road, No. 67 | | 0.90 | Reconstruction and road-mix pavement | | 100 |
| | 826 | Cherry Point Road, No. 48 | Cowichan Bay Road southerly | 1.50 | Reconstruction and road-mix pavement | | 100 |
| | ..... | Adshead Road, No. 1 | | 0.60 | Reconstruction and road-mix pavement | | 100 |
| | ..... | Holden Corso Road, No. 55 | | 0.20 | Reconstruction and road-mix pavement | | 100 |
| | 826 | Minetown Road, No. 201 | | 0.30 | Repave (road mix) | | 100 |
| | 826 | Extension Road, No. 39 | | 0.30 | Repave (road mix) | | 100 |
| | 826 | Brenton Page Road, No. 11 | Trans-Canada Highway southerly | 1.00 | Widen—remove rock bluff | | 100 |
| Cranbrook | ..... | Southern Trans-Provincial Highway | Cranbrook city limits to Cranbrook Overhead | 1.83 | Reconstruction to 40-ft. width | Apr., 1957 | 100 |
| | ..... | Kootenay–Columbia Highway | From 0.5 mile east of Kimberley to 4.5 miles east | 4.00 | Reconstruction to 40-ft. width | Apr., 1957 | 100 |
| | ..... | Smith Lake Road, No. 7 | Junction of Southern Trans-Provincial Highway to Smith Lake camp-site | 3.00 | Reconstruction to 30-ft. width | Apr., 1957 | 100 |
| | ..... | Eager Hill–Fort Steele, No. 31 | Junction of Southern Trans-Provincial Highway to Fort Steele | 3.10 | Reconstruction to 30-ft. width | Apr., 1957 | 100 |
| | 652 | Southern Trans-Provincial Highway | Lot 2798G2 to Moyie | 7.65 | Reconstruction to 40-ft. width (contract) | | ..... |
| | 688 | Southern Trans-Provincial Highway | Irishman Creek to Aldridge | 9.39 | Reconstruction to 40-ft. width (contract) | | ..... |

| | | | | | | | Per Cent |
|---|---|---|---|---|---|---|---|
| Delta | 831 | Scott Road diversion | Scott Road to beneath Pattullo Bridge | 0.28 | New construction | Oct., 1957 | 100 |
| | 831 | Pacific Highway | Old McLellan Road to Bose Road | 0.50 | Reconstruction—widening and grade revision | May, 1957 | 100 |
| | 831 | Pacific Highway | Trans-Canada Highway south | 0.50 | Reconstruction—widening and grade revision | Mar., 1958 | 60 |
| | 831 | Clover Crescent | Trans-Canada Highway to B.C. Electric crossing | 3.00 | Reconstruction—widening and grade revision | July, 1957 | 30 |
| | 891 | Clover Crescent | Haldi Island | 0.56 | Reconstruction—widening and grade revision | May, 1957 | 100 |
| | 831 | Scott Road diversion | Scott Road to beneath Pattullo Bridge | 0.11 | Reconstruction—widening and grade revision | Oct., 1957 | 100 |
| | 831 | Trans-Canada Highway, No. 262R | Coghlan Hill | 0.50 | New construction—third lane | Sept., 1957 | 100 |
| | ..... | Trans-Canada Highway | Intersection, Aldergrove–Bellingham Highway | ..... | New construction—right-turn lane | Sept., 1957 | 100 |
| | ..... | King George VI Highway | Intersection, Colebrook Road | ..... | New construction—right-turn lane | ..... | 100 |
| Dewdney | ..... | Lougheed Highway, No. 22R | Sixth Ave. to Eighth Ave and Ninth to Nine and One-half Ave., Haney | 0.37 | Reconstruction — widening, curb and gutter | ..... | 100 |
| | ..... | Lougheed Highway, No. 26R | Pumphouse Bridge to Harrison Hot Springs Turn-off | 3.56 | Reconstruction — widening, grade revision | ..... | 75 |
| | ..... | Pitt River Bridge approaches | West and east approaches | 0.46 | New construction | ..... | 100 |
| | ..... | Kanaka Creek Bridge | West and east approaches | 0.65 | New construction | ..... | 100 |
| | ..... | Dewdney Bridge | West and east approaches | 0.37 | New construction | ..... | 85 |
| | ..... | Deroche Bridge | North and south approaches | 0.35 | New construction | ..... | 90 |
| | ..... | Lougheed Highway, No. 23R | Mission Hill | 0.87 | Reconstruction — widening grade for third lane | ..... | 80 |
| | ..... | Morris Valley Road | Improvements to width and drainage | 1.00 | Reconstruction | ..... | 100 |
| Dewdney East | ..... | *Nil* | ..... | ..... | ..... | ..... | ..... |
| Esquimalt | ..... | Cameron-Taggart Road | Sec. 2, R. 7, northerly 0.40 mile | 0.40 | Grade revision and widening | May, 1957 | 100 |
| | ..... | Deville Road | Millstream Road westerly 0.10 mile | 0.10 | Raise grade through swamp | Nov., 1957 | 100 |
| | ..... | East Sooke Road | Anderson Cove westerly 1.70 miles | 1.70 | Reconstruction and gravelling | June, 1957 | 100 |
| | ..... | Leigh Ave. | In Sec. 80 | 0.10 | Raise grade through swamp | Apr., 1957 | 100 |
| | ..... | Metchosin Road | Lot 1, Plan 2917, Sec. 74, to Bilston Creek | 1.00 | Reconstruction — widening, gravelling, and surfacing | Nov., 1956 | 100 |
| | ..... | Finney Road | Luxton Road to Lot 10, Plan 1139 | 0.16 | New construction | Aug., 1957 | 100 |
| | ..... | Mill Bay Road | Handy Road to Mill Bay Ferry | 4.00 | Widening and gravelling | Aug., 1957 | 100 |
| | ..... | Shawnigan Lake Road | At Cameron-Taggart Road | 0.45 | Reconstruction—widening and gravelling | Aug., 1956 | 100 |
| | ..... | Shawnigan Lake Road | Trans-Canada Highway to Sooke Lake Road | 2.00 | Slash and install culverts | Apr., 1957 | 100 |
| | 808 | West Coast Road | Sombrio River west 3.42 miles | 3.42 | New construction | Nov., 1956 | 100 |
| | ..... | West Coast Road | At King Lake | 0.18 | Replace bridge with culvert and fill | Oct., 1956 | 100 |
| | ..... | Windfall Road | Walpole Road westerly 0.14 mile | 0.14 | New construction | ..... | ..... |
| Fernie | ..... | Kootenay–Columbia Highway, No. 7 | Wasa Slough to Wasa Bridge | 3.70 | Reconstruction and realignment | Apr., 1957 | 100 |
| | ..... | Jaffray–Waldo, No. 9 | Jaffray Townsite | 1.40 | Clearing, grading, and drainage | July, 1957 | 100 |
| | ..... | McBaynes Lake, No. 18 | Junction of Southern Trans-Provincial Highway to Main Beach | 2.10 | Clearing, grading, and drainage | June, 1957 | 100 |
| | ..... | Southern Trans-Provincial Highway | Mile 573 | 0.50 | Reconstruction on new alignment to eliminate steep grade | Sept., 1957 | 75 |
| Fort George | 856 | John Hart Highway, No. 2N | Mile 28 to Mile 45 | 17.00 | Reconstruction and preparation for paving | July, 1957 | 100 |

## STATEMENT AS TO MAJOR HIGHWAY WORK COMPLETED OR IN PROGRESS—*Continued*

| Electoral District | Project No. | Name of Road | Extent of Work (Location of Work or Initial and Terminal Points) | Mileage of Work | Description of Work (New Construction, Reconstruction, Widening, etc.) | Date Commenced | Work Completed at Mar. 31, 1958 |
|---|---|---|---|---|---|---|---|
| | | | | | | | Per Cent |
| Fort George | 856 | Northern Trans-Provincial Highway west (Peden's Hill), No. 16W | Mile 3.4 to Mile 8.0 | 4.60 | Regravel and preparation for paving | June, 1957 | 100 |
| | 856 | Northern Trans-Provincial Highway, McBride east, No. 16Y | Mile 13 to Mile 14.5 and Mile 14.5 to Mile 18 | 5.00 | Construction on new location and reconstruction on old location | May, 1958 | 40 |
| | 856 | North Thompson | Valemount to Cedars 1 DE | 6.00 | High-grading and gravelling | July, 1958 | 100 |
| | 856 | Northern Trans-Provincial Highway, Prince George east | Willow River east | 1.20 | Reconstruction on old location | July, 1958 | 100 |
| Grand Forks-Greenwood | ..... | Rock Creek–McCulloch, No. 44 | Blythe Bridge to Lot 1255 (S.) | 4.67 | Reconstruction—road diversion | Apr., 1957 | 95 |
| | ..... | Rock Creek–McCulloch, No. 44 | Mile 9.5 to Mile 12.0 | 2.50 | Reconstruction—realignment | Oct., 1957 | 20 |
| | ..... | Kettle River Main, No. 43 | Lot 731 (S.) to Lot 2312 | 9.00 | Reconstruction—widening and gravelling | Aug., 1957 | 50 |
| | ..... | Bridesville–Rock Creek, No. 65 | Mile 6 to Mile 4 | 2.00 | Reconstruction—realignment | Oct., 1957 | 60 |
| | ..... | Norwegian Creek, No. 83 | Mile 0 to Mile 2 | 2.00 | Reconstruction—gravelling | Sept., 1957 | 100 |
| | ..... | Valley roads south, No. 72 | Ruckle Addition, lower valley | 2.00 | Reconstruction—gravelling | May, 1957 | 100 |
| | ..... | Grand Forks–Carson south, No. 27 | Grand Forks to Carson | 1.00 | Reconstruction—surface treatment | Aug., 1957 | 100 |
| | ..... | Southern Trans-Provincial Highway, Cascade–Osoyoos, No. B 17 | New Yale Bridge | 0.20 | Reconstruction — construct approaches and road-mix pavement | Sept., 1957 | 75 |
| | ..... | Southern Trans-Provincial Highway, Cascade–Osoyoos, No. B 17 | Lot 498 (S.) to Lot 969 | 4.80 | Reconstruction—road-mix pavement | Sept., 1957 | 100 |
| Kamloops | 838 | North Thompson Highway, No. 71 | Fishtrap to Barriere | 9.00 | Reconstruction | ..... | 70 |
| | 837 | North Thompson Highway, No. 71 | Little Fort south | 10.00 | Reconstruction | ..... | 90 |
| | ..... | Ashcroft–Cache Creek, No. 18L | Boston Flats to Ashcroft | 4.00 | Gravelling | ..... | 100 |
| | ..... | Brocklehurst roads, No. 170 | ..... | 6.00 | Road-mix pavement | ..... | 100 |
| | ..... | Heffley–Louis Creek, No. 54 | Mile 0 to Mile 8 | 8.00 | Widening and gravelling | ..... | 100 |
| | ..... | Paul Lake, No. 97 | Mile 3 to Mile 4 | 1.00 | Reconstruction | ..... | 100 |
| Kaslo-Slocan | 852 | Slocan–Arrow Lakes Highway | Perrys diversion | 2.20 | Reconstruction—realignment | Apr., 1957 | 85 |
| | 852 | Slocan–Arrow Lakes Highway | Enterprise section, 4 miles north of Slocan City | 2.00 | Reconstruction—realignment | Apr., 1957 | 85 |
| | 852 | Slocan–Arrow Lakes Highway | Nakusp south and east | 3.50 | Reconstruction—realignment | Apr., 1957 | 80 |
| | 852 | Slocan–Arrow Lakes Highway | Monashee to Boulder Creek west | 2.30 | Reconstruction—realignment | May, 1957 | 60 |
| | 852 | Nelson–Kaslo Highway | Woodbury Creek to Rock | 0.50 | Reconstruction—widening and realignment | Apr., 1957 | 80 |
| | 852 | Kaslo–Lardeau Highway | Schroeder Creek north | 0.50 | Spot-widening | May, 1957 | 100 |
| | 862 | Slocan–Arrow Lakes Highway | Bridge No. 301 to Seven Mile | ..... | Elimination of bridge by culvert and fill | Sept., 1957 | 100 |
| Lillooet | 654 | Horseshoe Bay–Squamish | Porteau to Britannia | 5.00 | New construction | 1955 | 100 |
| | 669 | Pemberton Portage | Mile 1.9 to Mile 4.4 | 2.50 | High-grading | Aug., 1957 | 100 |
| | 839 | Lytton–Lillooet, No. 12A | Mile 10.9 to Mile 12.9 | 2.00 | Reconstruction—realignment and grade revision (road-mix paving, Mile 8.7 to Mile 17.3) | Apr., 1957 | 100 |
| | 839 | Marble Canyon, No. 145 | Mile 19.7 to Mile 22.8 | 3.10 | Reconstruction—widening and realignment | July, 1957 | 100 |
| | 839 | Clinton streets, No. 53 | In Clinton Townsite | 1.00 | Grading and paving | Sept., 1957 | 100 |

| | | | | | | | Per Cent |
|---|---|---|---|---|---|---|---|
| Mackenzie | 829 | Sechelt–Pender Harbour | Mile 30 to Mile 39.4 | 9.40 | Reconstruction | Apr., 1957 | 100 |
| | 829 | Thunder Bay Highway | Mile 3 to Mile 9.5 | 6.50 | Reconstruction | Apr., 1957 | 40 |
| | 829 | Bella Coola Highway | Mile 1 to Mile 3 | 3.00 | Reconstruction | Apr., 1957 | 90 |
| | 829 | Vananda–Gillies Bay | Mile 4 to Mile 8 | 4.00 | Reconstruction | Apr., 1957 | 100 |
| | 829 | Vananda–Gillies Bay | Mile 0 to Mile 4 | 4.00 | Reconstruction | Apr., 1957 | 50 |
| | 829 | Vananda–Blubber Bay | Mile 0 to Mile 1 | 1.00 | Reconstruction | May, 1957 | 85 |
| | 888 | Bella Coola | Crushing | | | | 100 |
| | 889 | Sechelt Peninsula | Surveys | | | | 100 |
| Nanaimo-Islands | 827 | McCullough Road, No. 661 | Northfield Road northerly | 0.20 | Reconstruction and road-mix pavement | | 100 |
| | 827 | McGarrigle, No. 478 | Northfield Road northerly | 0.20 | Reconstruction and road-mix pavement | | 100 |
| | 827 | Old Victoria and McKenzie, No. 411 | Trans-Canada Highway northerly | 1.00 | Reconstruction and road-mix pavement | | 100 |
| | 827 | Westwood, No. 440 | | 1.00 | Double flush-coat | | 100 |
| | 827 | Sixth St., No. 604 | | 0.30 | Double flush-coat | | 100 |
| | 827 | Eighth St., No. 522 | | 0.30 | Double flush-coat | | 100 |
| | 827 | Holland, No. 456 | | 0.60 | Double flush-coat | | 100 |
| | 827 | Hamilton, No. 549 | | 0.40 | Reseal | | 100 |
| | 827 | East Wellington, No. 438 | | 1.00 | Reseal | | 100 |
| | 827 | Maxey, No. 473 | | 2.00 | Reseal | | 100 |
| | 827 | North End Road, Saltspring Island, No. 135 | Ganges–Vesuvius Road northerly | 1.00 | Reconstruction and road-mix pavement | | 100 |
| | 827 | Upper Ganges, Saltspring Island, No. 138 | Ganges–Vesuvius Road northerly | 0.60 | Reconstruction and road-mix pavement | | 100 |
| | 827 | Crofton Road, Saltspring Island, No. 673 | Ganges–Vesuvius Road to hospital | 0.20 | Road-mix pavement | | 100 |
| | 827 | Tahouney Road, Saltspring Island, No. 150 | Fulford Road westerly | 0.20 | Road-mix pavement | | 100 |
| | 827 | Village Bay Road, Mayne Island, No. 165 | Miners Bay to Village Bay | 1.50 | Reconstruction and pavement | | 100 |
| | 827 | Port Washington–Hope Bay, Pender Island, No. 85 | Port Washington to Hope Bay | 2.00 | Reconstruction and road-mix pavement | | 100 |
| | 827 | Montague Harbour Road, Galiano Island, No. 162 | Montague Harbour westerly | 2.50 | Construction, reconstruction, and diversion | | 100 |
| Nelson-Creston | 853 | Nelson Ferry West Road | Mile 0.5 to Mile 1.0 | 0.50 | Reconstruction—widening, grade revision, and gravelling | Apr., 1957 | 75 |
| | | Creston–Summit Creek Road | Mile 1.0 to Mile 1.5 | 0.50 | Reconstruction — grade revision and gravelling | May, 1957 | 10 |
| | | Connell Road | Mile 0 to Mile 0.5 | 0.50 | Reconstruction—widening and gravelling | Mar., 1957 | 100 |
| | | McCullough Road | From junction with Sunshine Bay Road easterly for 0.3 mile | 0.30 | New construction | Sept., 1957 | 100 |
| | 853 | Nelson–Kaslo | Mile 1.5 to Mile 4.8 | 3.30 | Reconstruction—realignment and grade revision | May, 1957 | 60 |
| | 853 | Southern Trans-Provincial Highway, Kootenay Bay to Kuskanook | Various locations on this section of highway where dangerous corners and narrow sections existed | 2.00 | Reconstruction and widening | May, 1957 | 15 |
| | | Harrop–Procter Road | Mile 0 to Mile 5 | 5.00 | Gravelling | July, 1957 | 100 |
| | | Creston orchard roads | Various fruit-haul roads in Creston area | 4.00 | Widening, ditching, and gravelling | Aug., 1957 | 15 |
| | | Upper–Longbeach | Junction with Southern Trans-Provincial Highway 1.7 miles east to junction with Southern Trans-Provincial Highway at Longbeach | 1.70 | Reconstruction—widening and gravelling | Sept., 1957 | 80 |

## STATEMENT AS TO MAJOR HIGHWAY WORK COMPLETED OR IN PROGRESS—*Continued*

| Electoral District | Project No. | Name of Road | Extent of Work (Location of Work or Initial and Terminal Points) | Mileage of Work | Description of Work (New Construction, Reconstruction, Widening, etc.) | Date Commenced | Work Completed at Mar. 31, 1958 |
|---|---|---|---|---|---|---|---|
| | | | | | | | Per Cent |
| Nelson-Creston | ..... | Access to Kootenay Lake Hospital, View St. | Morgan St. to Gyro Park | 0.50 | Reconstruction—widening, grade revision, and gravelling | June, 1957 | 100 |
| | ..... | Stocks–Jackson Road | Erickson back road to Connel Road junction | 0.30 | Reconstruction — widening, gravelling, and paving | Aug., 1957 | 100 |
| | ..... | South Nelson streets | Various streets | 1.50 | Ditching and gravelling | Sept., 1957 | 30 |
| | | | Richards St. | 0.10 | Reconstruction—widening and gravelling | | |
| New Westminster | ..... | *Nil* | | | | | |
| North Okanagan | 840 | Westside | Mile 0 to Mile 4 | 4.00 | Reconstruction—widening, realignment, grade revision, and gravelling | May, 1957 | 50 |
| | 840 | Westside | Mile 5 to Mile 6 | 0.90 | Reconstruction—widening, realignment, grade revision, and gravelling | May, 1957 | 100 |
| | 840 | Westside | Mile 9 to Mile 10 | 0.60 | Reconstruction—widening, realignment, grade revision, and gravelling | May, 1957 | 100 |
| | 840 | Westside | Mile 10 to Mile 11 | 0.80 | Reconstruction—widening, realignment, grade revision, and gravelling | May, 1957 | 50 |
| | 840 | Eastside | Mile 0 to Mile 3 | 3.00 | Reconstruction—widening, realignment, grade revision, and gravelling | Oct., 1957 | 100 |
| | 840 | Old Kamloops | Mile 1.7 to Mile 5.4 | 3.70 | Reconstruction—grade revision, gravelling, and road-mix pavement | May, 1957 | 100 |
| | 840 | Anderson | Mile 0 to Mile 1.1 | 1.10 | Reconstruction—grade revision, gravelling, and road-mix pavement | June, 1957 | 100 |
| | 840 | Mara Avenue north | Mile 0 to Mile 0.35 | 0.35 | Reconstruction—grade revision, gravelling, and road-mix pavement | June, 1957 | 100 |
| | 840 | Tronson and S. & O. right-of-way | Mile 2 to Mile 2.35 | 0.35 | Reconstruction—grade revision, gravelling, and road-mix pavement | June, 1957 | 100 |
| | 840 | Vernon–Slocan | Mile 32 to Mile 34 | 1.50 | New construction—grade revision and gravelling | May, 1957 | 100 |
| | 840 | Vernon–Slocan | Mile 38 | 0.30 | Reconstruction—widening and realignment | ..... | ..... |
| | 840 | Enderby–Mabel Lake | Mile 7 to Mile 9 | 2.00 | Reconstruction—widening, realignment, grade revision, and gravelling | May, 1957 | 100 |
| | 840 | Camerons Point | Mile 0 to Mile 3 | 3.00 | Reconstruction—widening, realignment, grade revision, and gravelling | May, 1957 | 65 |
| North Vancouver | ..... | *Nil* | | | | | |
| Omineca (East) | 857 | Northern Trans-Provincial Highway | Mile 27 to Mile 45 west of Vanderhoof | 18.00 | Laying pit-run and crushed gravel on 13-mile section, Mile 27 to Mile 45 | May, 1957 | 75 |
| | 857 | Northern Trans-Provincial Highway | Mile 14.5 to Mile 24.5 east of Vanderhoof | 10.00 | Diversion of 10-mile section, fully completed to subgrade | May, 1957 | 100 |
| | 857 | Vanderhoof–Stuart Lake Road | Mile 11 to Mile 14 north of Vanderhoof | 2.00 | Widening, realigning, grading, and gravelling 2-mile section | Sept., 1957 | 100 |
| | 220 | Northern Trans-Provincial Highway | Engen Overhead approaches | 0.45 | Constructing and gravelling approaches to new Engen Overhead Bridge | May, 1957 | 100 |

| | | | | | | | Per Cent |
|---|---|---|---|---|---|---|---|
| | ..... | Northern Trans-Provincial Highway | Mile 11 to Mile 27 west of Vanderhoof | 16.00 | Laying base material prior to pulvimixing | May, 1957 | 100 |
| Omineca (West) | 858 | Northern Trans-Provincial Highway | Mile 15 to Mile 18.8 west of Houston | 3.80 | Reconstruction to standard | May, 1957 | 85 |
| | 858 | Northern Trans-Provincial Highway | Mile 25.8 to Mile 28.4 west of Burns Lake | 2.60 | Reconstruction to standard | May, 1957 | 80 |
| | 858 | Buck Flats, No. 91 | Most northerly 16 miles | 16.00 | Reconstruction—ditching and gravelling | Aug., 1957 | 75 |
| | 862 | Sundry roads | Throughout district | ..... | Fifteen bridges replaced by culvert and fill | May, 1957 | 100 |
| Peace River North | 860 | Fort St. John–Upper Pine, No. 101 | Mile 1.0 to Mile 1.25 | 0.25 | New construction | July, 1957 | 100 |
| | 860 | McKibbon, No. 121 | Mile 0 to Mile 3 | 3.00 | Reconstruction — widening, elevating, grade revision, and gravelling | May, 1957 | 95 |
| | 860 | Cecil Lake–Syphone Creek, No. 174 | Fort St. John–Alberta Boundary Road to Farm and Settlement Road No. 250 | 5.00 | Reconstruction—widening, grading, elevating, and revising | July, 1957 | 100 |
| | 860 | North Pine, No. 259 | North Pine Road to Farm and Settlement Road No. 248 | 6.00 | Reconstruction—widening and grade revision | May, 1957 | 100 |
| | 773 | Fort Nelson Subdivision roads | Subdivision roads | 3.00 | New construction—brushing, grading, and gravelling | June, 1957 | 75 |
| | ..... | Road No. 108 | Clayhurst to Road No. 240 | 5.00 | Gravelling | Aug., 1957 | 100 |
| | ..... | Road No. 103 | Beatton River Hill | 0.25 | Repairing major slide—grading and gravelling | Aug., 1957 | 100 |
| Peace River South | 859 | Farm and Settlement Road No. 219 | Road No. 210 to Road No. 218 | 8.00 | Reconstruction—widening | ..... | 75 |
| | 859 | Moberly Lake, No. 70 | Little Prairie to Moberly Lake | 6.00 | Reconstruction—new diversion | ..... | 80 |
| | 859 | Bessborough–Farmington, No. 7 | Road No. 231 to Road No. 243 | 6.00 | Reconstruction | ..... | 100 |
| | ..... | Semple, No. 237 | Road No. 7 to John Hart Highway | 1.50 | Reconstruction—widening | ..... | 100 |
| | ..... | South Dawson, No. 227 | Road No. 206A to Road No. 210 | 3.00 | Reconstruction—widening | ..... | 100 |
| | ..... | Kelly Lake, No. 18 | Mile 5 to Mile 7 | 2.00 | Reconstruction | ..... | 100 |
| Prince Rupert | 834 | Masset–Port Clements | Masset end, Mile 5.71 to Mile 16.00 | 10.29 | New construction—clearing, subgrade construction, and gravelling | Apr., 1957 | 85 |
| | 834 | Masset–Port Clements | Port Clements, Mile 4.5 to Mile 12.0 | 7.50 | New construction | Apr., 1957 | 75 |
| | 834 | Northern Trans-Provincial Highway | Mile 18 to Mile 19.7 and Mile 23.1 to Mile 29.1 (district boundary) | 7.70 | Gravelling and drainage—preparation for pulvimix | May, 1957 | 100 |
| | 862 | Northern Trans-Provincial Highway | Galloway Rapids Bridge | ..... | North trestle approach replaced with shot-rock fill | July, 1957 | 100 |
| | 797 | Port Edward–Cassiar Cannery | ..... | 0.30 | New construction — removing muskeg and placing rock fill | Oct., 1957 | 30 |
| Revelstoke | W.O. 45627 | Okanagan Highway, No. 7 | Mile 0 to Mile 7.21 | 7.21 | Preparing reconstructed road for surfacing by contractor | May, 1957 | 100 |
| | W.O. 45890 | Galena Pass, No. 810 | Mile 0 to Mile 4 | 4.00 | New construction, including grading and gravelling | June, 1957 | 100 |
| | 842 | Revelstoke–Arrowhead, No. 5 | Several sections, Mile 2.4 to Mile 8.3 | 3.89 | Reconstruction, including new diversions, widening, and grade revision, 0.66 mile then paved with road mix | Apr., 1957 | 100 |
| | 842 | Big Bend, No. 3 | Mile 1.2 to Mile 98.4 | 97.20 | Surface treatment with calcium chloride | June, 1957 | 100 |
| | 842 | Beaton–Gerrard, No. 8 | Mile 4 to Mile 12 | 8.00 | Minor reconstruction, widening | Apr., 1957 | 100 |
| | 842 | Revelstoke Suburbs–Big Eddy area | Road No. 101 (Nixon) and Road No. 200 (Begbie) | 0.90 | Gravelling and preparing surface for paving by contractor | July, 1957 | 100 |
| | 842 | Revelstoke Suburbs, No. 900 | Several streets, including arterial highway | 1.35 | Gravelling and preparing surface for paving by contractor | Aug., 1957 | 100 |
| | ..... | Nichol, No. 20 | Mile 0 to Mile 0.5 | 0.50 | Reconstruction—widening and gravelling | Sept., 1957 | 100 |

## STATEMENT AS TO MAJOR HIGHWAY WORK COMPLETED OR IN PROGRESS—*Continued*

| Electoral District | Project No. | Name of Road | Extent of Work (Location of Work or Initial and Terminal Points) | Mileage of Work | Description of Work (New Construction, Reconstruction, Widening, etc.) | Date Commenced | Work Completed at Mar. 31, 1958 |
|---|---|---|---|---|---|---|---|
| | | | | | | | Per Cent |
| Rossland-Trail | 851 | Robson–Deer Park, No. 46 | Columbia River Overflow to Syringa Creek Store | 1.50 | Reconstruction—new diversion, widening, realignment, and grade revision | May, 1957 | 100 |
| | 851 | Trail Arterial, No. 276R | East end of Columbia Ave. | 1.30 | New construction | Mar., 1957 | 100 |
| | 851 | Trail Arterial, No. 276R | To Bear Creek | 0.30 | Reconstruction — new diversion and widening | Mar., 1957 | 100 |
| | 851 | Southern Trans-Provincial Highway, Trail–Salmo | | 1.00 | Reconstruction—realignment and grade revision | Mar., 1957 | 100 |
| | 851 | Southern Trans-Provincial Highway, Schofield and Rossland Arterial | Boundary of Village of Warfield to Hillside Dairy | 1.50 | Reconstruction—new diversion, widening, realignment, and grade revision | May, 1957 | 100 |
| | 851 | Southern Trans-Provincial Highway, Rossland–Cascade | | 1.00 | Reconstruction—widening and gravelling | Aug., 1957 | 100 |
| Saanich | ..... | Bayfield Road | Patricia Bay Highway to end | 0.10 | New construction | June, 1957 | 100 |
| | ..... | Inwood Road | Tyron Road northerly 0.19 mile | 0.19 | New construction | Oct., 1957 | 100 |
| | ..... | Helen Ave. | Queens Ave. south 0.06 mile | 0.06 | New construction | Feb., 1958 | 100 |
| | ..... | Lands End road | Swartz Bay Road to West Saanich Road | 2.50 | Widening, gravelling, and surfacing | July, 1957 | 60 |
| | ..... | Fifth St., No. 286R | Beacon Ave. to Queens Ave. | 0.55 | Reconstruction—widening and surfacing | Sept., 1956 | 100 |
| | ..... | Mills Road | Patricia Bay Highway to West Saanich Road | 1.20 | Reconstruction—widening and surfacing | May, 1956 | 100 |
| | ..... | West Saanich Road, No. 122 | North-west corner of Tsaykum Indian Reserve northerly 0.10 mile | 0.10 | Corner revision and surface | Sept., 1956 | 100 |
| | ..... | West Saanich Road, No. 122 | Mills Road to Lands End Road | 1.40 | Reconstruction—widening and surfacing | Apr., 1957 | 75 |
| | ..... | West Saanich Road, Nos. 170R and 174R | Royal Oak to Keatings | 5.00 | Reconstructing and widening random sections and paving approximately 2 miles | Aug., 1956 | 100 |
| Salmon Arm | 789 | Trans-Canada Highway | Sorrento–Chase section, Mile 379.76 to Mile 384.31 and Mile 385.54 to Mile 388.24 | 7.25 | Reconstruction—widening and realignment to Trans-Canada Highway standard | Oct., 1956 | 100 |
| | 843 | Squilax–Anglemont, No. 446 | Mile 11.2 to Mile 13.2 | 2.00 | Reconstruction—widening, realignment, and grade revision to 30-ft. subgrade | June, 1957 | 100 |
| | 843 | White Lake, No. 56 | Mile 0 to Mile 2 | 2.00 | Reconstruction—widening, realignment, and grade revision to 30-ft. subgrade | May, 1957 | 100 |
| | 843 | Sunnybrae–Canoe Point, No. 28 | Mile 13.5 to Mile 15.5 | 2.00 | New construction to 14-ft. subgrade | Apr., 1957 | 100 |
| | 843 | Sorrento–Eagle Bay, No. 67 | Mile 11 to Mile 16 | 5.00 | Reconstruction — widening solid-rock sections to 30-ft. subgrade | Apr., 1957 | 100 |
| | 843 | Suunybrae–Canoe Point, No. 28 | Mile 3.6 to Mile 4.1 | 0.50 | Reconstruction—partial diversion and widening to 24-ft. subgrade | Aug., 1957 | 100 |
| | W.O. 46259 | Salmon River, No. 360 | Mile 6.3 to Mile 11.7 | 5.40 | Applying 3 in. of ¾-in. crushed finishing gravel | Sept., 1957 | 100 |
| | W.O. 43721 | Sicamous streets, No. 6 | In Sicamous Townsite | 0.20 | Opening new streets—clearing, grubbing, grading, and gravelling | Oct., 1957 | 100 |
| | W.O. 46255 | Hobbs Creek drainage | 1.5 miles west of Salmon Arm from Trans-Canada Highway | 0.50 | Clearing and grubbing ditch right-of-way and excavating to 8 ft. deep and installing culverts | Dec., 1957 | 100 |

| | | | | | | | Per Cent |
|---|---|---|---|---|---|---|---|
| | W.O. 45341 | Paxton Valley, No. 294 | Mile 0 to Mile 2 | 2.00 | Reconstruction — widening grade and alignment revision to 26-ft. subgrade | July, 1957 | 100 |
| | W.O. 45340 | Kamloops–Vernon, No. 317 | Mile 17.6 to Mile 18.2 | 0.60 | Widening existing shoulder from 3 ft. to 12 ft. as sidewalk | Apr., 1957 | 100 |
| | D. Vote | Woolett, No. 31 | Mile 0 to Mile 0.3 | 0.30 | Widening, grade revision to 20-ft. subgrade, and gravelling | June, 1957 | 100 |
| | D. Vote | Skimiken, No. 30 | Between Mile 5 and Mile 9 | 1.00 | 1 mile of improvement to 24-ft. subgrade at dangerous spots only, widening, and gravelling | June, 1957 | 100 |
| | D. Vote | Chase–Falkland, No. 194 | Mile 26.7 to Mile 27.7 | 1.00 | Improvement to 30-ft. subgrade at rock points, widening, and gravelling | Oct, 1957 | 100 |
| | W.O. 46903 | Kamloops–Vernon, No. 317 | Mile 11.2 to Mile 11.6 | 0.40 | Widening shoulder from 3 to 12 ft. as sidewalk | Mar., 1958 | 100 |
| Similkameen | ..... | Okanagan Highway No. 97 | From Graveyard Hill (Osoyoos) to Bridge No. 33, 4 miles north of Oliver | 12.80 | Widening, 6-in. lift, repaving 24 ft. wide, no change in alignment | June, 1957 | 100 |
| | ..... | Merritt–Princeton Highway, No. 72 | Pavement 24 feet wide from Allison Lake to district boundary | 5.70 | New pavement on road reconstructed in 1956/57 | Sept., 1957 | 100 |
| | 844 | West Bench roads, No. 117 | Extension of existing V.L.A. West Bench, Penticton, roads | 2.30 | New construction | Apr., 1957 | 100 |
| | 844 | Richter Pass Road, No. 89 | Rock cut, gravelling between Mile 4 and Mile 5 | 1.00 | Finishing work on part of road constructed earlier | May, 1956 | 40 |
| | 844 | South Similkameen Road, No. 95 | Mile 10.2 to Mile 12.7 | 2.50 | New pavement on reconstructed road | ..... | 100 |
| | 844 | Skaha Lake east, No. 31 | Mile 0 to Mile 0.5 | 0.50 | New road | ..... | ..... |
| Skeena (East) | 861 | Northern Trans-Provincial Highway | Mile 60 to Mile 65 | 5.00 | Reconstruction and realignment | Apr., 1957 | 70 |
| | 861 | Northern Trans-Provincial Highway | Mile 10 to Mile 17, Mile 20 to Mile 22, Mile 26 to Mile 28 | 11.00 | Major gravelling | June, 1957 | 100 |
| | 861 | New Hazelton High Level | New Hazelton to Old Hazelton | 5.00 | Major gravelling | July, 1957 | 100 |
| | 862 | Northern Trans-Provincial Highway | Bridge elimination, Toboggan Creek | ..... | ..... | May, 1957 | 100 |
| Skeena (West) | 835 | Northern Trans-Provincial Highway, No. 16, Skeena–Terrace | Terrace west | ..... | Shouldering and ditching where required | June, 1957 | ..... |
| | 835 | Northern Trans-Provincial Highway, No. 16, Skeena–Terrace | Skeena boundary to Polymar Bridge | 21.10 | Gravelling and drainage, preparation for pulvimix | May, 1957 | 100 |
| | 904 | Lakelse Lake, Terrace–Kitimat | Northern Trans-Provincial Highway to Williams Creek | 7.70 | Widening, ditching, and gravelling | Sept., 1957 | 100 |
| | ..... | Northern Trans-Provincial Highway, No. 16, Terrace–Pacific | Mile 11 to Mile 20 | 9.00 | Ditching, culvert installation, and gravelling | Apr., 1957 | 100 |
| | ..... | Northern Trans-Provincial Highway, No. 16, Skeena–Terrace | Kasiks Bridge | ..... | Filled and rip-rapped major washout with shot rock obtained by widening corners farther east | May, 1957 | 100 |
| South Okanagan | 841 | Sundry roads | Various roads | 22.40 | Reconstructed prior to paving, and paving | Apr., 1957 | 100 |
| Vancouver-Point Grey | ..... | *Nil* | ..... | ..... | ..... | ..... | ..... |
| Yale[1] | 845 | Merritt–Kamloops Road | Nicola Bridge to Douglas Lake Church | 10.70 | Reconstruction—widening, realignment, and grade revision; paved by contract | Apr., 1957 | 100 |
| | ..... | Merritt–Princeton Road | Approximately Hale Bros. Ranch to district boundary | 3.70 | Paved by contract | Sept., 1957 | 100 |

[1] Does not include Trans-Canada Highway (Canyon).

## REPORT OF THE DEPARTMENTAL COMPTROLLER

The following pages present the financial report of the Department of Highways. During the period covered by this report there were no major changes in accounting methods that would result in revised presentation of financial reports, and statements contained herein are in the same form as in previous years.

On October 4th, 1957, the Department suffered the loss of a very able Departmental Comptroller through the death of J. E. Moore, and this report is submitted on his behalf.

A. E. RHODES,
*Departmental Comptroller.*

# STATEMENT OF EXPENDITURES, FISCAL YEAR 1957/58

## SUMMARY

| | | | CREDITS (Non-expendable) (*See* page 85.) |
|---|---|---|---|
| Vote 194. Minister's Office— | | | |
| Office expense | $2,353.18 | | |
| Travelling expense | 6,431.68 | | |
| Salaries | 22,899.68 | | |
| | | $31,684.54 | |
| Vote 195. General Administration— | | | |
| Salaries | $1,112,989.19 | | |
| Office expense | 228,958.68 | | |
| Travelling expense | 160,605.09 | | |
| Office furniture and equipment | 43,659.89 | | |
| Advertising and publicity | 3,291.47 | | |
| Printing and publications | 2,623.00 | | |
| Equipment and machinery | 57,212.39 | | |
| Maintenance and operation of equipment | 5,374.62 | | |
| Motor-vehicles and accessories | 8,595.28 | | |
| Incidentals and contingencies | 1,813.91 | | |
| | | 1,625,123.52 | |
| Vote 196. Roads, Bridges, Ferries, etc.— | | | |
| Roads | $8,955,505.85 | | |
| Bridges | 1,503,022.52 | | |
| Ferries | 1,706,128.65 | | |
| Wharves | 11,520.57 | | |
| Machinery Account (Credit) | *234.46* | | |
| | | 12,175,943.13 | *$793,202.28* |
| Vote 197. Snow-removal | | 1,964,896.50 | |
| Vote 198. Local Highways within Municipal Limits | | 168,121.76 | |
| Vote 199. Vehicle Damage Claims | | 34,853.77 | |
| Vote 200. Highway Signs, Signals, Traffic-control, etc. | | 148,779.15 | |
| Vote 201. Weigh-scales Operation | | 86,783.76 | |
| Vote 202. Research and Testing Services | | *Nil* | |
| Vote 203. Gravel-crushing | | *Nil* | |
| Vote 204. Paving-plant Operations | | *Nil* | |
| Vote 205. Grants and Subsidies— | | | |
| Grants to engineering associations | $850.00 | | |
| Grants to cities with population in excess of 15,000 | 39,210.00 | | |
| Grant toward pumping charges, Dewdney Dyking Commission | 2,500.00 | | |
| | | 42,560.00 | |
| Vote 206. Purchase of New Equipment | | 2,015,792.89 | |
| Vote 207. Temporary Assistance | | 127,585.06 | |
| Total expenditure, Maintenance, Administration, and Miscellaneous Votes | | $18,422,124.08 | *$793,202.28* |

### Capital Expenditure out of Income (Roads, Bridges, Ferries, etc.)

| | | | |
|---|---|---|---|
| Vote 340 (*a*). Trans-Canada— | | | |
| Roads | $19,949,843.57 | | |
| Bridges | 3,981,380.89 | | |
| Surveys | 254,796.73 | | |
| Rights-of-way | 968,720.47 | | |
| Paving | 1,254,446.07 | | |
| Total, Vote 340 (*a*) (Gross) | | $26,409,187.73 | *$16,025,891.94* |

SUMMARY—*Continued*

CAPITAL EXPENDITURE OUT OF INCOME (ROADS, BRIDGES, FERRIES, ETC.)—*Continued*

| | | | CREDITS (Non-expendable) (*See* page 85.) |
|---|---|---|---|
| Vote 340 (*b*). General Highways— | | | |
| Roads | $27,338,592.73 | | |
| Surveys | 734,050.82 | | |
| Legal surveys | 99,818.46 | | |
| Rights-of-way | 599,671.49 | | |
| Bridge elimination | 377,839.31 | | |
| Radio-telephone installation | 349,160.28 | | |
| Purchase of engineer's house, Prince George | 14,000.00 | | |
| Treasury bill, H.D.A. | 200,000.00 | | |
| Gravel for highway purposes | 343,352.00 | | |
| Materials, testing, etc. | 315,243.64 | | |
| Metropolitan planning, Vancouver Highway | 50,199.06 | | |
| Total, Vote 340 (*b*) (*see* note *re* portion payable from Highway Development Fund) | | $30,421,927.79* | |
| Vote 340 (*c*). Bridges, Ferries, Ferry-landings, etc.— | | | |
| Bridges | $8,561,026.52 | | |
| Ferry-landings, storage sheds, etc. | 414,947.88 | | |
| Total, Vote 340 (*c*) | | 8,975,974.40 | |
| Vote 340 (*d*). Hard Surfacing of Highways | | 5,482,791.53 | |
| Vote 344. Mining-roads (Cassiar) | | 461,378.12 | |
| Vote 346. Okanagan Flood-control (Gross) | | 859,503.00 | *$436,996.59* |
| Total for Capital Expenditure out of Income | | $72,610,762.57 | *$16,462,888.53* |
| "Revenue Surplus Appropriation Act, 1947," sec. 2 (*a*), ferry storage shed | | $3,624.36 | |
| Special Warrant No. 25. Extending wingdam on Bear River | | 10,000.00 | |
| Special Warrant No. 31. Grant to The Corporation of the District of Mission to assist in defraying the cost of necessary road construction | | 10,000.00 | |
| (The following are not Highway Department votes, and therefore the expenditures represent our expenditures only, not those of other departments concerned.) | | | |
| Vote 271. Grants in Aid of Mining Roads and Trails | | 32,699.96 | |
| Flood Relief Act | | 26,909.96 | |
| (For British Columbia Toll Highways and Bridges Authority expenditures, *see* page 86.) | | | |
| Grand total, Department of Highways expenditures, fiscal year 1957/58 | | $91,116,120.93 | *$17,256,090.81* |

* Total gross expenditure—

| | | |
|---|---|---|
| Vote 340 (*b*). General Highways | | $30,421,927.79 |
| Payable from Highway Development Fund | (Credit) | *5,098,193.77* |
| Net expenditure, Vote 340 (*b*) | | $25,323,734.02 |

## CREDITS

### General Account (Non-expendable Credits)

| | | | |
|---|---|---|---|
| Vote 196— | | | |
| Ferries— | | | |
| Albion | $47,482.45 | | |
| Arrow Lakes (Upper) | 28,470.73 | | |
| Denman Island | 8,329.20 | | |
| Francois Lake | 1,140.00 | | |
| Kelowna–Westbank | 243,349.35 | | |
| Kootenay Lake | 246,211.00 | | |
| Ladner–Woodward | 185,390.50 | | |
| North Bend–Boston Bar | 6,575.90 | | |
| Woodfibre | 10,681.15 | | |
| | | $777,630.28 | |
| Wharves—Prince Rupert | | 15,572.00 | |
| | | | $793,202.28 |

### Capital Account

| | | | |
|---|---|---|---|
| Vote 340 (*a*). Trans-Canada Highway (Federal Government share)— | | | |
| New construction— | | | |
| Claim No. 72 | $1,048,816.55 | | |
| Claim No. 73 | 1,161,367.60 | | |
| Claim No. 74 | 925,899.44 | | |
| Claim No. 75 | 1,371,532.22 | | |
| Claim No. 76 | 1,253,189.37 | | |
| Claim No. 77 | 1,984,612.77 | | |
| Claim No. 78 | 1,661,975.32 | | |
| Claim No. 79 | 1,289,431.53 | | |
| Claim No. 80 | 1,033,903.30 | | |
| Claim No. 81 | 777,085.17 | | |
| Claim No. 82 | 661,299.82 | | |
| Claim No. 83 | 612,681.29 | | |
| | | $13,781,794.38 | |
| Interim construction | *Nil* | | |
| Prior construction— | | | |
| Claim No. 4 | $43,904.14 | | |
| Claim No. 5 | 393,187.92 | | |
| Claim No. 6 | 487,214.18 | | |
| Claim No. 7 | 430,014.27 | | |
| Claim No. 8 | 889,777.05 | | |
| | | 2,244,097.56 | |
| Total, Trans-Canada Highway credits | | | 16,025,891.94 |
| Vote 346. Okanagan Flood-control (Federal Government share)— | | | |
| Claim No. 42 | | $85,456.50 | |
| Claim No. 43 (part) | | 113,606.95 | |
| Claim No. 43 (part) | | 127,305.51 | |
| Claim No. 44 | | 110,627.63 | |
| Total, Okanagan Flood-control credits | | | 436,996.59 |
| Grand total, non-expendable credits | | | $17,256,090.81 |

## SUMMARY, HIGHWAYS

| | Gross Expenditure | Credit (Non-expendable) |
|---|---|---|
| General Estimate votes (administration and maintenance, etc.) | $18,422,124.08 | *$793,202.28* |
| Capital— | | |
| Capital Expenditure out of Income | 72,610,762.57* | *16,462,888.53* |
| " Revenue Surplus Appropriation Act " | 3,624.36 | |
| Special Warrants | 20,000.00 | |
| Miscellaneous— | | |
| Mining-roads grants (Highway expenditure only) | 32,699.96 | |
| Flood Relief Act (Highway expenditures only) | 26,909.96 | |
| | $91,116,120.93 | *$17,256,090.81* |

## BRITISH COLUMBIA TOLL HIGHWAYS AND BRIDGES AUTHORITY

*(Department of Highways Expenditures Only)*

| | | |
|---|---|---|
| T.B. No. 1—Agassiz–Rosedale Bridge | | $132,934.52 |
| T.B. No. 2—Nelson Bridge | | 1,806,606.59 |
| T.B. No. 3—Fraser Delta Bridge System— | | |
| Oak Street | $1,505,157.80 | |
| Middle Arm | 150,735.91 | |
| Deas Island | 16,637,594.59 | |
| | | 18,293,488.30 |
| T.B. No. 4—Okanagan Lake | | 4,891,990.34 |
| T.B. No. 6—Burrard Inlet (Second Narrows) | | 6,964,811.95 |
| Total, Department of Highways expenditures | | $32,089,831.70 |
| Equipment suspense (toll-bridges) | | $153,973.68 |

* *See* note on page 84 *re* portion payable from Highway Development Fund.

# ROADS, BRIDGES, FERRIES, WHARVES, ETC.

## REGION No. 1

### ALBERNI DISTRICT

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| Reg. No. | | | |
|---|---|---|---|
| | Sundry roads—reconstruct (Project No. 825) | $18,771.71 | |
| 18. | Tofino–Ucluelet Road—general improvements (Project No. 825) | 10,093.12 | |
| | Subdivision roads—construct (Project No. 825) | 7,610.59 | |
| 1. | Beaver Creek Road—road-mix paving (Project No. 825) | 3,609.70 | |
| | Sundry roads—reseal (Project No. 825) | 5,597.43 | |
| | Total | | $45,682.55 |

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, BRIDGE ELIMINATION

| | | | |
|---|---|---|---|
| 111. | Bigmore Bridge (Project No. 862) | $1,379.70 | |
| 324. | Fallwell Bridge (Project No. 862) | 1,643.92 | |
| 325. | Goodall Bridge (Project No. 862) | 956.75 | |
| 116A. | Moore Bridge (Project No. 862) | 3,794.90 | |
| | Total | | 7,775.27 |

VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | |
|---|---|
| Total, sundry roads | 124,442.09 |

VOTE 196—BRIDGES: MAINTENANCE

| | |
|---|---|
| Total, sundry bridges | 4,988.82 |

VOTE 197—SNOW-REMOVAL

| | |
|---|---|
| Total, sundry snow-removal | 4,553.51 |
| Total expenditure, Alberni District | $187,442.24 |

SUMMARY OF EXPENDITURES, ALBERNI DISTRICT

| | |
|---|---|
| District expenditures as detailed | $187,442.24 |
| Expenditures as per Location Engineer's report (*see* page 121) | 2,143.74 |
| Expenditures as per Right-of-way Agent's report | *Nil* |
| Expenditures as per Bridge Engineer's report | *Nil* |
| Expenditures as per Construction Engineer's report (*see* page 137) | 220,201.59 |
| Expenditures as per Surfacing Engineer's report | *Nil* |
| Grand total, Alberni District | $409,787.57 |

### ATLIN DISTRICT (SOUTH)

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| | | | |
|---|---|---|---|
| 102. | Stewart–Hyder—general improvements, rock section (Project No. 836 | $400.00 | |
| | Total | | $400.00 |

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, BRIDGE ELIMINATION

| | | | |
|---|---|---|---|
| 117. | Flood Bridge—replacing with fill (Project No. 862) | $3,000.00 | |
| | Total | | 3,000.00 |

## REGION No. 1—ATLIN DISTRICT (SOUTH)—*Continued*

### VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | |
|---|---|
| Total, sundry roads | $32,483.50 |

### VOTE 196—BRIDGES: MAINTENANCE

| | |
|---|---|
| Total, sundry bridges | 18,516.50 |

### VOTE 196—FERRIES

| | |
|---|---|
| Total, sundry ferries | 2,293.74 |

### VOTE 197—SNOW-REMOVAL

| | |
|---|---|
| Total, sundry snow-removal | 21,741.11 |
| Total expenditure, Atlin District (South) | $78,434.85 |

### SUMMARY OF EXPENDITURES, ATLIN DISTRICT (SOUTH)

| | |
|---|---|
| District expenditures as detailed | $78,434.85 |
| Expenditures as per Location Engineer's report (*see* page 122) | 4,822.60 |
| Expenditures as per Right-of-way Agent's report | *Nil* |
| Expenditures as per Bridge Engineer's report | *Nil* |
| Expenditures as per Construction Engineer's report | *Nil* |
| Expenditures as per Surfacing Engineer's report | *Nil* |
| Grand total, Atlin District (South) | $83,257.45 |

## BURNABY DISTRICT

### CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| Reg. No. | | | |
|---|---|---|---|
| 14R. | Hastings–Barnet (Project No. 759) | $54,001.45 | |
| 135R. | Grandview–Douglas–third lane, Burris to Formby Street (Project No. 832) | 54,490.23 | |
| 135R. | Grandview–Douglas–third lane, Schou Hill (Project No. 832) | 10,509.77 | |
| | Total | | $119,001.45 |

### VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | |
|---|---|
| Total, sundry roads | 41,029.44 |

### VOTE 196—CLASSIFIED HIGHWAYS

| | | | |
|---|---|---|---|
| 14B. | North Road | $31.97 | |
| 22B. | Marine Drive | 4,514.63 | |
| | Total | | 4,546.60 |

### VOTE 197—SNOW-REMOVAL

| | |
|---|---|
| Total, sundry snow-removal | 239.12 |
| Total expenditure, Burnaby District | $164,816.61 |

### SUMMARY OF EXPENDITURES, BURNABY DISTRICT

| | |
|---|---|
| District expenditures as detailed | $164,816.61 |
| Expenditures as per Location Engineer's report (*see* page 122) | 6,541.50 |
| Expenditures as per Right-of-way Agent's report (*see* page 130) | 34,693.28 |
| Expenditures as per Bridge Engineer's report | *Nil* |
| Expenditures as per Construction Engineer's report (*see* page 137) | 1,043,239.92 |
| Expenditures as per Surfacing Engineer's report (*see* page 150) | 281,160.53 |
| Grand total, Burnaby District | $1,530,451.84 |

REGION No. 1—*Continued*

## CHILLIWACK DISTRICT

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| Reg. No. | | | |
|---|---|---|---|
| 6. | Columbia Valley Road—reconstruct (Project No. 830) | $54,000.00 | |
| 31. | Sumas Mountain Road (Project No. 830) | 5,000.00 | |
| | Total | | $59,000.00 |

VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | | | |
|---|---|---|---|
| | Total, sundry roads | | 148,348.42 |

VOTE 196—CLASSIFIED HIGHWAYS

| | | | |
|---|---|---|---|
| 62B. | Sardis Road (Chilliwack Municipality) | $3,880.54 | |
| | Total | | 3,880.54 |

VOTE 196—BRIDGES: MAINTENANCE

| | | | |
|---|---|---|---|
| | Total, sundry bridges | | 5,942.48 |

VOTE 196—BRIDGES: CLASSIFIED

| | | | |
|---|---|---|---|
| 20. | Vedder Canal (Chilliwack Municipality) | $161.83 | |
| | Total | | 161.83 |

VOTE 196—FERRIES

| | | | |
|---|---|---|---|
| | Total, sundry ferries | | 465.90 |

VOTE 197—SNOW-REMOVAL

| | | | |
|---|---|---|---|
| | Total, sundry snow-removal | | 2,088.73 |

VOTE 198—LOCAL HIGHWAYS WITHIN MUNICIPAL LIMITS

| | | | |
|---|---|---|---|
| | Harris Road, Matsqui Municipality | $9,000.00 | |
| | Old 61R and No. 3 Highway, District of Sumas | 8,000.00 | |
| | Vye Road drainage, District of Sumas | 661.88 | |
| | Total | | 17,661.88 |
| | Total expenditure, Chilliwack District | | $237,549.78 |

SUMMARY OF EXPENDITURES, CHILLIWACK DISTRICT

| | |
|---|---|
| District expenditures as detailed | $237,549.78 |
| Expenditures as per Location Engineer's report (*see* page 123) | 95,372.12 |
| Expenditures as per Right-of-way Agent's report (*see* page 130) | 443,639.91 |
| Expenditures as per Bridge Engineer's report | *Nil* |
| Expenditures as per Construction Engineer's report (*see* page 138) | 4,573,766.52 |
| Expenditures as per Surfacing Engineer's report (*see* page 151) | 454,973.25 |
| Grand total, Chilliwack District | $5,805,301.58 |

## COMOX DISTRICT

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| | | |
|---|---|---|
| 162. | Sayward Road—general improvements (Project No. 828) | $8,016.59 |
| 196. | Island Highway, Courtenay south—general improvements, 4.50 miles (Project No. 828) | 54,358.61 |
| | Sundry roads, Courtenay—reconstruct 5.32 miles (Project No. 828)— | |
| 705. | Astra Road | 1,145.85 |

## REGION No. 1—COMOX DISTRICT—*Continued*

### Capital Expenditure: Vote 340 (*b*)—General Highways, Roads—*Continued*

| Reg. No. | | | |
|---|---|---|---|
| 756. | Clarkson Avenue | $1,700.47 | |
| 13. | Comox Lake Road | 3,708.96 | |
| 62. | Fraser Road | 9,735.79 | |
| 145. | Kilmorley Road | 3,603.23 | |
| 91. | Kye Bay Road | 4,219.51 | |
| 108. | Left Road | 9,416.51 | |
| 121. | Marsden Road | 69.90 | |
| 119. | Minto Road | 170.80 | |
| 27. | Rennison Road | 1,145.70 | |
| 156. | Willemar Avenue | 4,908.83 | |
| | Sundry roads, Parksville—reconstruct 3.84 miles (Project No. 828)— | | |
| 485. | Dickinson Road | 6,288.08 | |
| 499. | Grafton Avenue | 1,324.06 | |
| 516. | Hammond Bay Road | 14,387.86 | |
| | Sundry roads, Campbell River—reconstruct 0.42 mile (Project No. 828)— | | |
| 646. | Birch Street | 844.04 | |
| 747. | Second Street | 1,155.96 | |
| 196. | Island Highway, Sayward Road—reconstruct 4.70 miles (Project No. 828) | 25,000.00 | |
| | Sundry roads—seal-coat 6.14 miles (Project No. 828)— | | |
| 331. | Coombs Road | 942.75 | |
| 483. | Departure Bay Road | 790.50 | |
| 490. | Errington Road | 106.78 | |
| 10. | Headquarters Road | 1,382.81 | |
| 341. | Hilliers Road | 576.41 | |
| | Total | | $155,000.00 |

### Capital Expenditure: Vote 340 (*b*)—General Highways, Bridge Elimination

| | | | |
|---|---|---|---|
| | Byng No. 1 (Project No. 862) | $675.85 | |
| 72. | Cassidy (Project No. 862) | 4,086.40 | |
| 266. | Granite (Project No. 862) | 200.13 | |
| 144. | Kelsor (Project No. 862) | 241.63 | |
| 148. | Lewis (Project No. 862) | 244.13 | |
| 107. | Minto (Project No. 862) | 2,346.07 | |
| 109. | McQuillan (Project No. 862) | 708.78 | |
| 187. | Smith (North) (Project No. 862) | 693.75 | |
| 79. | Webber (Project No. 862) | 5,609.47 | |
| 82. | White (Project No. 862) | 4,693.79 | |
| | Total | | 19,500.00 |

### Capital Expenditure: Vote 340 (*c*)—Bridges

| | | |
|---|---|---|
| Redecking Coal and Cougar Creek Bridges (Project No. 248) | $17,000.00 | |
| Total | | 17,000.00 |

### Vote 196—Maintenance and Minor Betterments: Roads, Trails, and Streets

| | |
|---|---|
| Total, sundry roads | 346,454.08 |

### Vote 196—Classified Highways

| | | | |
|---|---|---|---|
| 3B. | Cumberland Road (secondary) | $102.98 | |
| 34B. | Dunsmuir Avenue (Cumberland secondary) | 172.06 | |
| | Total | | 275.04 |

### Vote 196—Bridges: Maintenance

| | |
|---|---|
| Total, sundry bridges | 55,143.93 |

## REGION No. 1—COMOX DISTRICT—*Continued*

### Vote 196—Ferries

| | |
|---|---|
| Total, sundry ferries | $47,854.65 |

### Vote 197—Snow-removal

| | |
|---|---|
| Total, sundry snow-removal | 11,050.31 |
| Total expenditure, Comox District | $652,278.01 |

### Summary of Expenditures, Comox District

| | |
|---|---|
| District expenditures as detailed | $652,278.01 |
| Expenditures as per Location Engineer's report (*see* page 123) | 85,005.68 |
| Expenditures as per Right-of-way Agent's report (*see* page 131) | 20,420.00 |
| Expenditures as per Bridge Engineer's report (*see* page 144) | 7,673.93 |
| Expenditures as per Construction Engineer's report | *Nil* |
| Expenditures as per Surfacing Engineer's report (*see* page 151) | 460,376.29 |
| Grand total, Comox District | $1,225,753.91 |

## COWICHAN-NEWCASTLE DISTRICT

### Capital Expenditure: Vote 340 (*b*)—General Highways, Roads

| Reg. No. | | | |
|---|---|---|---|
| 248R. | Crofton—construct and pave (Project No. 826) | $74,982.15 | |
| | Sundry roads—general improvements (Project No. 826) | 21,623.21 | |
| 204. | Wilkinson—general improvements (Project No. 826) | 10,570.44 | |
| 203. 40. 11. | Akenhead, Fiddick, Brenton-Page — General improvements (Project No. 826) | 8,231.32 | |
| | Sundry roads—seal-coat (Project No. 826) | 5,149.90 | |
| 49. | Grouhel—reconstruct (Project No. 826) | 6.03 | |
| | Approach to Riverside Drive Underpass (Project No. 876) | 5,439.51 | |
| | Total | | $126,002.56 |

### Capital Expenditure: Vote 340 (*b*)—General Highways, Bridge Elimination

| | | | |
|---|---|---|---|
| 23. | Davis Lagoon (Project No. 862) | $9,069.44 | |
| | Total | | 9,069.44 |

### Vote 196—Maintenance and Minor Betterments: Roads, Trails, and Streets

| | |
|---|---|
| Total, sundry roads | 181,312.33 |

### Vote 196—Bridges: Maintenance

| | |
|---|---|
| Total, sundry bridges | 20,021.79 |

### Vote 197—Snow-removal

| | |
|---|---|
| Total, sundry snow-removal | 4,743.59 |
| Total expenditure, Cowichan-Newcastle District | $341,149.71 |

### Summary of Expenditures, Cowichan-Newcastle District

| | |
|---|---|
| District expenditures as detailed | $341,149.71 |
| Expenditures as per Location Engineer's report (*see* page 123) | 205.00 |
| Expenditures as per Right-of-way Agent's report (*see* page 131) | 1,289.00 |
| Expenditures as per Bridge Engineer's report | *Nil* |
| Expenditures as per Construction Engineer's report (*see* page 139) | 11,927.67 |
| Expenditures as per Surfacing Engineer's report | *Nil* |
| Grand total, Cowichan-Newcastle District | $354,571.38 |

REGION No. 1—*Continued*

## DELTA DISTRICT

### Capital Expenditure: Vote 340 (*b*)—General Highways, Roads

| Reg. No. | | | |
|---|---|---|---|
| | Glover Crescent, Trans-Canadian Highway to Albion Ferry (Project No. 831) | $38,137.80 | |
| 13R. | Pacific Highway—reconstruction (Project No. 831) | 62,259.95 | |
| 139R. | Scott Road—diversion at Pattullo Bridge (Project No. 831) | 55,322.46 | |
| 3R. | Trans-Canada Highway, third lane to Coghlan Road—gravel base course (Project No. 831) | 7,279.79 | |
| | Albion Ferry landing approaches and seal-coating, McMillan Island approach (Project No. 891) | 4,871.81 | |
| | Total | | $167,871.81 |

### Capital Expenditure: Vote 340 (*c*)—Bridges

| | | |
|---|---|---|
| Bridgeport Foot-bridge (Project No. 235) | $1,522.48 | |
| Total | | 1,522.48 |

### Vote 196—Maintenance and Minor Betterments: Roads, Trails, and Streets

| | | |
|---|---|---|
| Total, sundry roads | | 266,872.25 |

### Vote 196—Classified Highways

| | | | |
|---|---|---|---|
| 40B. | Boundary Bay, Delta Municipality | $1,596.70 | |
| 90B. | Campbell River Road, Surrey Municipality | 7,500.00 | |
| 84B. | Steveston Highway, Richmond Municipality | 42,770.13 | |
| 50B. | Woodwards Highway, Richmond Municipality | 4,187.98 | |
| | Total | | 56,054.81 |

### Vote 196—Bridges: Maintenance

| | | |
|---|---|---|
| Total, sundry bridges | | 96,632.73 |

### Vote 196—Ferries

| | | |
|---|---|---|
| Total, sundry ferries | | 208,688.28 |

### Vote 197—Snow-removal

| | | |
|---|---|---|
| Total, sundry snow-removal | | 1,483.45 |

### Vote 198—Local Highways within Municipal Limits

| | | |
|---|---|---|
| Capstan Way, Richmond Municipality | $7,800.00 | |
| New Westminster Highway between No. 3 and No. 4 Roads, Richmond Municipality | 23,000.00 | |
| Carvolth Road culvert, widening from Berry Road, Thornton Road, Simonds Road, and Douglas Crescent, City of Langley | 10,000.00 | |
| River Road—reconstruction, Delta Municipality | 20,000.00 | |
| River Road and North Bluff Road—road paving, Township of Langley | 10,000.00 | |
| Townline Road—construction and sundry paving projects, Surrey Municipality | 20,000.00 | |
| Total | | 90,800.00 |
| Total expenditure, Delta District | | $889,925.81 |

### Summary of Expenditures, Delta District

| | |
|---|---|
| District expenditures as detailed | $889,925.81 |
| Expenditures as per Location Engineer's report (*see* page 123) | 11,154.04 |
| Expenditures as per Right-of-way Agent's report (*see* page 132) | 241,608.80 |
| Expenditures as per Bridge Engineer's report (*see* page 145) | 200,238.11 |
| Expenditures as per Construction Engineer's report (*see* page 138) | 550,822.14 |
| Expenditures as per Surfacing Engineer's report (*see* page 152) | 334,291.08 |
| Grand total, Delta District | $2,228,039.98 |

## REGION No. 1—*Continued*

## DEWDNEY DISTRICT

### Capital Expenditure: Vote 340 (*b*)—General Highways, Roads

| Reg. No. | | | |
|---|---|---|---|
| | Approach road from Lougheed Highway No. 22R to Albion Ferry Landing (Project No. 815) | $19,957.15 | |
| 22R. | Lougheed Highway — Kanaka Creek Bridge approach revision (Project No. 833) | 45,000.00 | |
| 23R. | Lougheed Highway, Silverdale Flats—reconstruct third lane for two sections (Project No. 833) | 30,600.00 | |
| 26R. | Lougheed Highway—reconstruction from Pumphouse Bridge to Agassiz (Project No. 833) | 174,563.60 | |
| | Reconstruct and pave Fleetwood Logging-road (Project No. 833) | 9,400.00 | |
| | Pitt Polder roads—reconstruction (Project No. 833) | 436.40 | |
| 2. | Ioco–Sunnyside Road (Project No. 833) | 15,000.00 | |
| | Total | | $294,957.15 |

### Capital Expenditure: Vote 340 (*c*)—Bridges

| | | | |
|---|---|---|---|
| | Harrison River Bridge and approaches, Lougheed Highway—east approach (Project No. 175) | $20,000.00 | |
| | Harrison River Bridge approaches (Project No. 204) | 1,036.86 | |
| 17. | Chillikthan Slough Bridge (Project No. 204) | 1,265.13 | |
| 50. | Kanaka Creek Bridge (Project No. 204) | 19,267.10 | |
| 95. | Silver Creek Bridge (Project No. 204) | 1,280.40 | |
| 150. | Dewdney Bridge (Project No. 204) | 2,149.67 | |
| 154. | Deroche Bridge (Project No. 204) | 6,001.04 | |
| 26. | Haldi Island Bridge (Project No. 204) | 9,085.78 | |
| 196. | Pumphouse Bridge (Project No. 204) | 909.05 | |
| | Total | | 60,995.03 |

### Capital Expenditure: Vote 340 (*c*)—Ferry Storage-shed

| | | |
|---|---|---|
| Ferry storage-shed, Albion (Project No. 812) | $3,058.11 | |
| Total | | 3,058.11 |

### Capital Expenditure: "Revenue Surplus Appropriation Act, 1947," Sec. 2 (*a*)—Ferry Storage-shed

| | | |
|---|---|---|
| Ferry storage-shed at Albion (Project No. 812) | $3,624.36 | |
| Total | | 3,624.36 |

### Vote 196—Maintenance and Minor Betterments: Roads, Trails, and Streets

| | |
|---|---|
| Total, sundry roads | 305,467.93 |

### Vote 196—Classified Highways

| | | | |
|---|---|---|---|
| 116B. | Clarke, City of Port Moody | $957.01 | |
| 92B. | Dewdney Trunk, Pitt Meadows Municipality | 4,129.06 | |
| 73B. | Dewdney Trunk and River Road, Maple Ridge Municipality | 3,050.70 | |
| 77B. | Dewdney Trunk, Mission Municipality | 5,632.76 | |
| 79B. | McNeil, Pitt Meadows Municipality | 4,631.42 | |
| 14B. | North, Coquitlam Municipality | 940.10 | |
| | Sundry roads (units under $350) | 1,021.05 | |
| | Total | | 20,362.10 |

### Vote 196—Bridges: Maintenance

| | |
|---|---|
| Total, sundry bridges | 112,532.32 |

REGION No. 1—DEWDNEY DISTRICT—*Continued*

VOTE 196—BRIDGES: CLASSIFIED

| | | |
|---|---|---|
| Websters Corner, Maple Ridge Municipality—reconstruction | $24,037.91 | |
| Sundry roads (units under $350) | 313.41 | |
| Total | | $24,351.32 |

VOTE 196—FERRIES

| | | |
|---|---|---|
| Total, sundry ferries | | 103,593.06 |

VOTE 197—SNOW-REMOVAL

| | | |
|---|---|---|
| Total, sundry snow-removal | | 2,772.59 |

VOTE 198—LOCAL HIGHWAYS WITHIN MUNICIPAL LIMITS

| | | |
|---|---|---|
| Shook Road paving, District of Mission | $2,250.00 | |
| McCallum and Cameron Roads, District of Kent | 1,944.37 | |
| Total | | 4,194.37 |
| Total expenditure, Dewdney District | | $935,908.34 |

SUMMARY OF EXPENDITURES, DEWDNEY DISTRICT

| | |
|---|---|
| District expenditures as detailed | $935,908.34 |
| Expenditures as per Location Engineer's report (*see* page 124) | 257.30 |
| Expenditures as per Right-of-way Agent's report (*see* page 132) | 53,444.00 |
| Expenditures as per Bridge Engineer's report (*see* pages 145, 150) | 1,152,161.91 |
| Expenditures as per Construction Engineer's report | *Nil* |
| Expenditures as per Surfacing Engineer's report (*see* page 152) | 53,508.52 |
| Grand total, Dewdney District | $2,195,280.07 |

## ESQUIMALT DISTRICT

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| Reg. No. | | | |
|---|---|---|---|
| 192. | West Coast Road (Project No. 808) | $210,000.00 | |
| 59. | Cobble Hill Road—reconstruct 1 mile (Project No. 824) | 12,968.40 | |
| 150. | Shawnigan Lake Road—reconstruct 4 miles (Project No. 824) | 23,500.00 | |
| 76. | Old Island Highway, Admirals Road to Colwood (Project No. 824) | 5,000.00 | |
| | Sundry roads—general improvements, 6 miles (Project No. 824) | 25,500.00 | |
| | Total | | $276,968.40 |

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, BRIDGE ELIMINATION

| | | | |
|---|---|---|---|
| 11. | King Creek (Project No. 862) | $1,200.00 | |
| 73. | Station Bridge (Project No. 862) | 2,693.48 | |
| | Port Renfrew bridges (Project No. 862) | 6,000.00 | |
| | Total | | 9,893.48 |

CAPITAL EXPENDITURE: VOTE 340 (*c*)—BRIDGES

| | | | |
|---|---|---|---|
| 8. | Stoney Creek Bridge | $30,600.00 | |
| | Total | | 30,600.00 |

VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | |
|---|---|
| Total, sundry roads | 198,278.60 |

VOTE 196—BRIDGES: MAINTENANCE

| | |
|---|---|
| Total, sundry bridges | 42,249.46 |

REGION No. 1—ESQUIMALT DISTRICT—*Continued*

VOTE 197—SNOW-REMOVAL

| | | |
|---|---|---|
| Total, sundry snow-removal | | $2,384.77 |

VOTE 198—LOCAL HIGHWAYS WITHIN MUNICIPAL LIMITS

| | | |
|---|---|---|
| Esquimalt Road, Esquimalt Municipality | $7,000.00 | |
| Total | | 7,000.00 |
| Total expenditure, Esquimalt District | | $567,374.71 |

SUMMARY OF EXPENDITURES, ESQUIMALT DISTRICT

| | |
|---|---|
| District expenditures as detailed | $567,374.71 |
| Expenditures as per Location Engineer's report (*see* page 124) | 18,177.01 |
| Expenditures as per Right-of-way Agent's report (*see* page 132) | 182.80 |
| Expenditures as per Bridge Engineer's report (*see* page 145) | 35,966.09 |
| Expenditures as per Construction Engineer's report (*see* page 139) | 824,390.57 |
| Expenditures as per Surfacing Engineer's report (*see* page 152) | 152,341.88 |
| Grand total, Esquimalt District | $1,598,433.06 |

## MACKENZIE DISTRICT

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| REG. NO. | | | |
|---|---|---|---|
| 290. | Sechelt–Pender Harbour—haul gravel and spread (Project No. 829 (part)) | $60,000.00 | |
| 91. | Thunder Bay Road — general improvements (Project No. 829 (part)) | 19,985.06 | |
| 2. | Bella Coola Road — general improvements (Project No. 829 (part)) | 35,000.00 | |
| | Vananda–Gillies Bay — general improvements (Project No. 829 (part)) | 18,000.00 | |
| | Vananda–Blubber Bay—general improvements (Project No. 829 (part)) | 5,000.00 | |
| | Bella Coola Road No. 9—crushing and stock-piling gravel (Project No. 888) | 55,000.00 | |
| | Road connection to Black Ball Ferry, Hopkins Landing to Sechelt Peninsula—survey (Project No. 889) | 5,000.00 | |
| | Total | | $197,985.06 |

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, BRIDGE ELIMINATION

| | | |
|---|---|---|
| Three bridges to be eliminated (Project No. 862 (part)) | $1,700.00 | |
| Priest Lake Bridge, No. 129, Texada Island (Project No. 862 (part)) | 9,862.62 | |
| Total | | 11,562.62 |

VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | | |
|---|---|---|
| Total, sundry roads | | 275,470.69 |

VOTE 196—CLASSIFIED HIGHWAYS

| | | | |
|---|---|---|---|
| 143B. | Secondary Highway, Powell River | $2,467.77 | |
| | Total | | 2,467.77 |

VOTE 196—BRIDGES: MAINTENANCE

| | | |
|---|---|---|
| Total, sundry bridges | | 31,489.75 |

## REGION No. 1—MACKENZIE DISTRICT—*Continued*

### VOTE 196—FERRIES

| | | |
|---|---|---|
| Total, sundry ferries | | $63,240.82 |

### VOTE 197—SNOW-REMOVAL

| | | |
|---|---|---|
| Total, sundry snow-removal | | 17,776.37 |

### VOTE 198—LOCAL HIGHWAYS WITHIN MUNICIPAL LIMITS

| | | |
|---|---|---|
| Willingdon Avenue | $18,000.00 | |
| Total | | 18,000.00 |
| Total expenditure, Mackenzie District | | $617,993.08 |

### SUMMARY OF EXPENDITURES, MACKENZIE DISTRICT

| | |
|---|---|
| District expenditures as detailed | $617,993.08 |
| Expenditures as per Location Engineer's report (*see* page 126) | 8,332.25 |
| Expenditures as per Right-of-way Agent's report | *Nil* |
| Expenditures as per Bridge Engineer's report (*see* page 146) | 91,752.77 |
| Expenditures as per Construction Engineer's report | *Nil* |
| Expenditures as per Surfacing Engineer's report (*see* page 154) | 554,091.16 |
| Grand total, Mackenzie District | $1,272,169.26 |

## NANAIMO-ISLANDS DISTRICT

### CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| REG. NO. | | | |
|---|---|---|---|
| | Sundry roads—general improvements (Project No. 827) | $27,377.92 | |
| | Sundry roads—seal-coat (Project No. 827) | 8,228.31 | |
| | Fulford–Ganges—revision of Fulford Inn (Project No. 827) | 1,262.86 | |
| 165. | Village Bay—general improvements (Project No. 827) | 12,443.83 | |
| 85. | Port Washington—general improvements (Project No. 827) | 23,574.53 | |
| 58. | Main—general improvements (Project No. 827) | 2,752.37 | |
| | Total | | $75,639.82 |

### CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, BRIDGE ELIMINATION

| | | | |
|---|---|---|---|
| 24. | Dafty Bridge (Project No. 862) | $799.87 | |
| | Total | | 799.87 |

### CAPITAL EXPENDITURE: VOTE 340 (*c*)—FERRY-LANDINGS

| | | |
|---|---|---|
| Galiano Island ferry-landing approach (Project No. 242) | $20,482.82 | |
| Mayne Island ferry-landing approach (Project No. 242) | 11,408.32 | |
| Total | | 31,891.14 |

### VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | |
|---|---|
| Total, sundry roads | 194,169.90 |

### VOTE 196—BRIDGES: MAINTENANCE

| | |
|---|---|
| Total, sundry bridges | 4,784.14 |

### VOTE 196—FERRIES

| | |
|---|---|
| Total, sundry ferries | 113,179.73 |

### VOTE 197—SNOW-REMOVAL

| | |
|---|---|
| Total, sundry snow-removal | 2,299.50 |
| Total expenditure, Nanaimo-Islands District | $422,764.10 |

## REGION No. 1—NANAIMO-ISLANDS DISTRICT—*Continued*

### Summary of Expenditures, Nanaimo-Islands District

| | |
|---|---|
| District expenditures as detailed | $422,764.10 |
| Expenditures as per Location Engineer's report (*see* page 126) | 1,095.68 |
| Expenditures as per Right-of-way Agent's report | *Nil* |
| Expenditures as per Bridge Engineer's report (*see* page 149) | 266,380.45 |
| Expenditures as per Construction Engineer's report | *Nil* |
| Expenditures as per Surfacing Engineer's report (*see* page 154) | 135,947.58 |
| Grand total, Nanaimo-Islands District | $826,187.81 |

## NEW WESTMINSTER DISTRICT

### Vote 196—Maintenance and Minor Betterments: Roads, Trails, and Streets

| | |
|---|---|
| Total, sundry roads | $6,601.44 |

### Vote 197—Snow-removal

| | |
|---|---|
| Total, sundry snow-removal | 40.01 |
| Total expenditure, New Westminster District | $6,641.45 |

### Summary of Expenditures, New Westminster District

| | |
|---|---|
| District expenditures as detailed | $6,641.45 |
| Expenditures as per Location Engineer's report (*see* page 126) | 250.00 |
| Expenditures as per Right-of-way Agent's report | *Nil* |
| Expenditures as per Bridge Engineer's report (*see* page 147) | 22,760.82 |
| Expenditures as per Construction Engineer's report (*see* page 140) | 18,895.93 |
| Expenditures as per Surfacing Engineer's report | *Nil* |
| Grand total, New Westminster District | $48,548.20 |

## NORTH VANCOUVER DISTRICT

### Capital Expenditure: Vote 340 (*b*)—General Highways, Roads

| | | |
|---|---|---|
| Reconstruction of Nelson Creek Culvert, Marine Drive, West Vancouver (Project No. 905) | $30,000.00 | |
| Total | | $30,000.00 |

### Capital Expenditure: Vote 340 (*c*)—Bridges

| | | |
|---|---|---|
| Capilano River Bridge, Marine Drive—river-channel construction to protect bridge (Project No. 186) | $20,000.00 | |
| Total | | 20,000.00 |

### Vote 196—Maintenance and Minor Betterments: Roads, Trails, and Streets

| | |
|---|---|
| Total, sundry roads | 51,240.46 |

### Vote 196—Bridges: Maintenance

| | |
|---|---|
| Total, sundry bridges | 13,325.04 |

### Vote 197—Snow-removal

| | |
|---|---|
| Total, sundry snow-removal | 883.00 |
| Total expenditure, North Vancouver District | $115,448.50 |

REGION No. 1—NORTH VANCOUVER DISTRICT—*Continued*

SUMMARY OF EXPENDITURES, NORTH VANCOUVER DISTRICT

| | |
|---|---|
| District expenditures as detailed | $115,448.50 |
| Expenditures as per Location Engineer's report (*see* page 129) | 15,334.47 |
| Expenditures as per Right-of-way Agent's report (*see* page 136) | 412,816.80 |
| Expenditures as per Bridge Engineer's report (*see* pages 149, 150) | 521,675.87 |
| Expenditures as per Construction Engineer's report (*see* page 143) | 3,598,254.02 |
| Expenditures as per Surfacing Engineer's report (*see* page 157) | 112,861.24 |
| Grand total, North Vancouver District | $4,776,390.90 |

## OAK BAY DISTRICT

VOTE 196—CLASSIFIED HIGHWAYS

| Reg. No. | | | |
|---|---|---|---|
| 109B. | Beach Drive | $23,930.89 | |
| | Total | | $23,930.89 |
| | Total expenditure, Oak Bay District | | $23,930.89 |

SUMMARY OF EXPENDITURES, OAK BAY DISTRICT

| | |
|---|---|
| District expenditures as detailed | $23,930.89 |
| Expenditures as per Location Engineer's report | *Nil* |
| Expenditures as per Right-of-way Agent's report | *Nil* |
| Expenditures as per Bridge Engineer's report | *Nil* |
| Expenditures as per Construction Engineer's report | *Nil* |
| Expenditures as per Surfacing Engineer's report | *Nil* |
| Grand total, Oak Bay District | $23,930.89 |

## PRINCE RUPERT DISTRICT

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| | | | |
|---|---|---|---|
| | Masset–Port Clements—complete gravel construction, base course (Project No. 834) | $219,680.22 | |
| 11. | Northern Trans-Provincial Highway — haul and spread gravel, ditching (Project No. 834) | 25,319.78 | |
| | Port Edward–Cassiar Cannery (Project No. 797) | 17,000.00 | |
| | Total | | $262,000.00 |

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, BRIDGE ELIMINATION

| | | |
|---|---|---|
| Project No. 862 | $31,000.00 | |
| Total | | 31,000.00 |

VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | |
|---|---|
| Total, sundry roads | 128,864.36 |

VOTE 196—BRIDGES: MAINTENANCE

| | |
|---|---|
| Total, sundry bridges | 7,158.99 |

VOTE 196—WHARVES: MAINTENANCE

| | | |
|---|---|---|
| Prince Rupert Wharf | $11,520.57 | |
| Total | | 11,520.57 |

REGION No. 1—PRINCE RUPERT DISTRICT—*Continued*

VOTE 197—SNOW-REMOVAL

| | |
|---|---|
| Total, sundry snow-removal | $6,864.12 |
| Total expenditure, Prince Rupert District | $447,408.04 |

SUMMARY OF EXPENDITURES, PRINCE RUPERT DISTRICT

| | |
|---|---|
| District expenditures as detailed | $447,408.04 |
| Expenditures as per Location Engineer's report | *Nil* |
| Expenditures as per Right-of-way Agent's report | *Nil* |
| Expenditures as per Bridge Engineer's report (*see* page 148) | 128,922.08 |
| Expenditures as per Construction Engineer's report | *Nil* |
| Expenditures as per Surfacing Engineer's report | *Nil* |
| Grand total, Prince Rupert District | $576,330.12 |

## SAANICH DISTRICT

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| Reg. No. | | | |
|---|---|---|---|
| 234. | Lands End—general improvements, 2.7 miles (Project No. 823) | $20,000.00 | |
| 122. | West Saanich—reconstruct 1 mile (Project No. 823) | 12,900.00 | |
| | Sundry roads—road mix, 3 miles (Project No. 823) | 20,825.00 | |
| | Sundry roads—seal-coat, 8 miles (Project No. 823) | 6,275.00 | |
| | Total | | $60,000.00 |

VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | | |
|---|---|---|
| Total, sundry roads | | 105,527.61 |

VOTE 196—CLASSIFIED ROADS

| | | | |
|---|---|---|---|
| 146B. | Beacon Avenue | $1,469.20 | |
| | Total | | 1,469.20 |

VOTE 196—FERRIES

| | |
|---|---|
| Total, sundry ferries | 5,841.08 |

VOTE 197—SNOW-REMOVAL

| | |
|---|---|
| Total, sundry snow-removal | 54.25 |

VOTE 198—LOCAL HIGHWAYS WITHIN MUNICIPAL LIMITS

| | | |
|---|---|---|
| Fifth Street and Ocean Avenue | $5,233.80 | |
| Total | | 5,233.80 |
| Total expenditure, Saanich District | | $178,125.94 |

SUMMARY OF EXPENDITURES, SAANICH DISTRICT

| | |
|---|---|
| District expenditures as detailed | $178,125.94 |
| Expenditures as per Location Engineer's report | *Nil* |
| Expenditures as per Right-of-way Agent's report (*see* page 135) | 75.00 |
| Expenditures as per Bridge Engineer's report | *Nil* |
| Expenditures as per Construction Engineer's report | *Nil* |
| Expenditures as per Surfacing Engineer's report | *Nil* |
| Grand total, Saanich District | $178,200.94 |

REGION No. 1—*Continued*

## SKEENA DISTRICT (WEST)

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| | | |
|---|---|---|
| Gravel-crushing at Kloiya Bay and Kwinitsa (Project No. 682) | $49,063.72 | |
| Northern Trans-Provincial Highway, Esker Bridge to Inver Bridge —crushed-gravel haul (Project No. 835) | 49,399.64 | |
| Northern Trans-Provincial Highway, Skeena boundary to Terrace —shouldering and ditching (Project No. 835) | 20,600.36 | |
| Terrace–Lakelse Lake (Project No. 904) | 15,000.00 | |
| Total | | $134,063.72 |

VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | |
|---|---|
| Total, sundry roads | 182,077.81 |

VOTE 196—BRIDGES: MAINTENANCE

| | |
|---|---|
| Total, sundry bridges | 56,227.87 |

VOTE 196—FERRIES

| | |
|---|---|
| Total, sundry ferries | 12,791.30 |

VOTE 197—SNOW-REMOVAL

| | |
|---|---|
| Total, sundry snow-removal | 41,091.74 |
| Total expenditure, Skeena District (West) | $426,252.44 |

SUMMARY OF EXPENDITURES, SKEENA DISTRICT (WEST)

| | |
|---|---|
| District expenditures as detailed | $426,252.44 |
| Expenditures as per Location Engineer's report (*see* page 129) | 134.35 |
| Expenditures as per Right-of-way Agent's report | *Nil* |
| Expenditures as per Bridge Engineer's report (*see* page 148) | 996,697.83 |
| Expenditures as per Construction Engineer's report (*see* page 142) | 2,285,820.80 |
| Expenditures as per Surfacing Engineer's report (*see* page 157) | 122,397.17 |
| Grand total, Skeena District (West) | $3,831,302.59 |

## VANCOUVER-POINT GREY DISTRICT

VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | |
|---|---|
| Total, sundry roads | $17,945.33 |

VOTE 197—SNOW-REMOVAL

| | |
|---|---|
| Total, sundry snow-removal | 68.55 |
| Total expenditure, Vancouver-Point Grey District | $18,013.88 |

SUMMARY OF EXPENDITURES, VANCOUVER-POINT GREY DISTRICT

| | |
|---|---|
| District expenditures as detailed | $18,013.88 |
| Expenditures as per Location Engineer's report | *Nil* |
| Expenditures as per Right-of-way Agent's report | *Nil* |
| Expenditures as per Bridge Engineer's report | *Nil* |
| Expenditures as per Construction Engineer's report | *Nil* |
| Expenditures as per Surfacing Engineer's report (*see* page 157) | 37,466.52 |
| Grand total, Vancouver-Point Grey District | $55,480.40 |

## REGION No. 2

### CARIBOO DISTRICT (SOUTH)

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| Reg. No. | | | |
|---|---|---|---|
| 18. | Chilcotin (Project No. 846) | $40,000.00 | |
| 319. | Deka Lake–Canim Lake (Project No. 846) | 17,000.00 | |
| 15. | Likely (Project No. 846) | 16,000.00 | |
| 355. | Lone Butte–Horse Lake (Project No. 846) | 3,000.00 | |
| 370. | Mile 93–Bridge Lake (Project No. 846) | 7,500.00 | |
| 371. | Mile 100–Roe Lake (Project No. 846) | 3,057.71 | |
| 37. | Williams Lake–57 Mile (Project No. 846) | 18,942.29 | |
| | Total | | $105,500.00 |

VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | |
|---|---|
| Total, sundry roads | 290,744.57 |

VOTE 196—BRIDGES: MAINTENANCE

| | |
|---|---|
| Total, sundry bridges | 43,730.99 |

VOTE 197—SNOW-REMOVAL

| | |
|---|---|
| Total, sundry snow-removal | 95,959.90 |
| Total expenditure, Cariboo District (South) | $535,935.46 |

SUMMARY OF EXPENDITURES, CARIBOO DISTRICT (SOUTH)

| | |
|---|---|
| District expenditures as detailed | $535,935.46 |
| Expenditures as per Location Engineer's report (*see* page 122) | 26,612.08 |
| Expenditures as per Right-of-way Agent's report (*see* page 130) | 840.00 |
| Expenditures as per Bridge Engineer's report | *Nil* |
| Expenditures as per Construction Engineer's report | *Nil* |
| Expenditures as per Surfacing Engineer's report (*see* page 150) | 1,502.89 |
| Grand total, Cariboo District (South) | $564,890.43 |

### KAMLOOPS DISTRICT

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| | | | |
|---|---|---|---|
| 18L. | Ashcroft–Cache Creek—gravelling (Project No. 837) | $30,000.00 | |
| 170. | Brocklehurst roads—general improvements | 10,000.00 | |
| 170. | Brocklehurst roads—general improvements | 5,000.00 | |
| 54. | Heffley–Louis Creek Road—general improvements | 16,000.00 | |
| 71. | North Thompson Highway (Yellowhead Route), Little Fort south to Mile 40–50 (Project No. 837) | 574,973.33 | |
| 71. | North Thompson Highway, Fishtrap to Barriere (Project No. 838) | 841,994.00 | |
| 97. | Paul Lake (Project No. 837) | 30,000.00 | |
| | Total | | $1,507,967.33 |

CAPITAL EXPENDITURE: VOTE 340 (*c*)—BRIDGES

| | | | |
|---|---|---|---|
| 122. | Kamloops West Bridge—redecking | $8,000.00 | |
| | Total | | 8,000.00 |

VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | |
|---|---|
| Total, sundry roads | 403,201.04 |

REGION No. 2—KAMLOOPS DISTRICT—*Continued*

VOTE 196—CLASSIFIED HIGHWAYS

| Reg. No. | | | |
|---|---|---|---|
| 122B. | Victoria Street (west) | $10,756.91 | |
| | Total | | $10,756.91 |

VOTE 196—BRIDGES: MAINTENANCE

| | | |
|---|---|---|
| Total, sundry bridges | | 57,875.27 |

VOTE 196—FERRIES

| | | |
|---|---|---|
| Total, sundry ferries | | 26,189.83 |

VOTE 197—SNOW-REMOVAL

| | | |
|---|---|---|
| Total, sundry snow-removal | | 130,470.95 |
| Total expenditure, Kamloops District | | $2,144,461.33 |

SUMMARY OF EXPENDITURES, KAMLOOPS DISTRICT

| | |
|---|---|
| District expenditures as detailed | $2,144,461.33 |
| Expenditures as per Location Engineer's report (*see* page 125) | 49,522.30 |
| Expenditures as per Right-of-way Agent's report (*see* page 133) | 34,038.20 |
| Expenditures as per Bridge Engineer's report (*see* page 146) | 650,479.80 |
| Expenditures as per Construction Engineer's report (*see* page 140) | 105,633.99 |
| Expenditures as per Surfacing Engineer's report (*see* page 153) | 850,352.81 |
| Grand total, Kamloops District | $3,834,488.43 |

## LILLOOET DISTRICT

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| | | | |
|---|---|---|---|
| 53. | Clinton streets—reconstruction, regrading, and road mix, 1 mile (Project No. 839) | $12,000.00 | |
| 12B. | Lillooet–Clinton—reconstruction, 9.1 miles, and gravelling, 13.6 miles (Project No. 839) | 30,000.00 | |
| 12A. | Lytton–Lillooet—reconstruction at Mile 10.22, 2 miles, and road mix, 8.6 miles (Project No. 839) | 150,000.00 | |
| 172. | Pemberton Portage Road (Pemberton to Mount Currie)—reconstruction, raise and widen, 2.5 miles (Project No. 669) | 30,000.00 | |
| | Total | | $222,000.00 |

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, BRIDGE ELIMINATION

| | | | |
|---|---|---|---|
| 18. | Carson (Project No. 862) | $982.56 | |
| 30. | Big Bar No. 1 (Project No. 862) | 99.07 | |
| 86. | Fountain Creek No. 1 (Project No. 862) | 938.43 | |
| 87. | Fountain Creek No. 2 (Project No. 862) | 1,048.46 | |
| 178. | Summit (Project No. 862) | 4,915.30 | |
| 191. | Scottie Creek No. 2 (Project No. 862) | 16.18 | |
| | Total | | 8,000.00 |

CAPITAL EXPENDITURE: VOTE 340 (*c*)—BRIDGES

| | | | |
|---|---|---|---|
| 144. | Bridge River—reconstruction (Project No. 234) | $30,000.00 | |
| | Total | | 30,000.00 |

VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | | |
|---|---|---|
| Total, sundry roads | | 269,920.02 |

## REGION No. 2—LILLOOET DISTRICT—*Continued*

### Vote 196—Bridges: Maintenance

| | |
|---|---|
| Total, sundry bridges | $43,993.89 |

### Vote 196—Ferries

| | |
|---|---|
| Total, sundry ferries | 11,454.19 |

### Vote 197—Snow-removal

| | |
|---|---|
| Total, sundry snow-removal | 78,137.21 |
| Total expenditure, Lillooet District | $663,505.31 |

### Summary of Expenditures, Lillooet District

| | |
|---|---|
| District expenditures as detailed | $663,505.31 |
| Expenditures as per Location Engineer's report (*see* page 125) | 71,359.46 |
| Expenditures as per Right-of-way Agent's report (*see* page 133) | 1,896.00 |
| Expenditures as per Bridge Engineer's report (*see* page 146) | 101,395.39 |
| Expenditures as per Construction Engineer's report (*see* page 140) | 366,157.79 |
| Expenditures as per Surfacing Engineer's report (*see* page 154) | 11,999.86 |
| Grand total, Lillooet District | $1,216,313.81 |

## NORTH OKANAGAN DISTRICT

### Capital Expenditure: Vote 340 (*b*)—General Highways, Roads

| Reg. No. | | | |
|---|---|---|---|
| 18. | Anderson Subdivision—reconstruct 1.15 miles (Project No. 840) | $8,500.00 | |
| 28. | Cameron's Point—reconstruct 3 miles (Project No. 840) | 11,200.00 | |
| 74. | Enderby–Mabel Lake—reconstruct 2 miles (Project No. 840) | 25,000.00 | |
| 65. | Kamloops (old)—reconstruct 3.35 miles (Project No. 840) | 31,000.00 | |
| 222. | Mara Avenue (north)—reconstruct 0.30 mile (Project No. 840) | 4,000.00 | |
| 131. | Tronson—reconstruct 0.35 mile (Project No. 840) | 5,000.00 | |
| 88. | Vernon–Slocan Highway No. 6—reconstruct 2 miles (Project No. 840) | 30,000.00 | |
| 138. | Westside—reconstruct 3 miles (Project No. 840) | 15,000.00 | |
| | Total | | $129,700.00 |

### Capital Expenditure: Vote 340 (*b*)—General Highways, Bridge Elimination

| | | | |
|---|---|---|---|
| 3. | Anderson (Project No. 862) | $633.65 | |
| 38. | Falls Creek (Project No. 862) | 10,970.34 | |
| 39. | Falls Creek (Project No. 862) | 6,384.98 | |
| 46. | Golly (Project No. 862) | 183.36 | |
| 88. | Mencel (Project No. 862) | 74.35 | |
| 89. | Mudra No. 1 (Project No. 862) | 48.72 | |
| 117. | Six Mile Creek (Project No. 862) | 5,265.26 | |
| 108. | Smedick (Project No. 862) | 439.34 | |
| | Total | | 24,000.00 |

### Vote 196—Maintenance and Minor Betterments: Roads, Trails, and Streets

| | |
|---|---|
| Total, sundry roads | 218,523.44 |

### Vote 196—Classified Highways

| | | | |
|---|---|---|---|
| 32B. | Armstrong–Salmon River, Spallumcheen Municipality | $851.12 | |
| 33B. | Armstrong–Salmon River Secondary Highway, City of Armstrong | 359.30 | |
| | Total | | 1,210.42 |

### Vote 196—Bridges: Maintenance

| | |
|---|---|
| Total, sundry bridges | 25,423.98 |

## REGION No. 2—NORTH OKANAGAN DISTRICT—*Continued*

### VOTE 197—SNOW-REMOVAL

| | | |
|---|---|---|
| Total, sundry snow-removal | | $46,544.84 |

### VOTE 198—LOCAL HIGHWAYS WITHIN MUNICIPAL LIMITS

| | | |
|---|---|---|
| Lavington Road and Kalavista Subdivision, Coldstream Municipality | $10,000.00 | |
| Total | | 10,000.00 |
| Total expenditure, North Okanagan District | | $455,402.68 |

### SUMMARY OF EXPENDITURES, NORTH OKANAGAN DISTRICT

| | |
|---|---|
| District expenditures as detailed | $455,402.68 |
| Expenditures as per Location Engineer's report (*see* page 127) | 665.15 |
| Expenditures as per Right-of-way Agent's report (*see* page 134) | 17,912.52 |
| Expenditures as per Bridge Engineer's report (*see* page 147) | 256,335.07 |
| Expenditures as per Construction Engineer's report (*see* page 140) | 60,114.52 |
| Expenditures as per Surfacing Engineer's report (*see* page 154) | 14,043.33 |
| Grand total, North Okanagan District | $804,473.27 |

## REVELSTOKE DISTRICT

### CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| Reg. No. | | | |
|---|---|---|---|
| 5. | Revelstoke–Arrowhead (Project No. 842) | $47,500.00 | |
| 3. | Big Bend (Project No. 842) | 25,000.00 | |
| 8. | Beaton–Gerrard (Project No. 842) | 15,000.00 | |
| | Revelstoke suburbs, Big Eddy area (Project No. 842) | 5,000.00 | |
| 900. | Revelstoke suburbs (Project No. 842) | 5,000.00 | |
| | Total | | $97,500.00 |

### CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, BRIDGE ELIMINATION

| | | |
|---|---|---|
| *Bridge elimination (Project No. 862)* | $8,500.00 | |
| Total | | 8,500.00 |

### VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | |
|---|---|
| Total, sundry roads | 191,747.56 |

### VOTE 196—BRIDGES: MAINTENANCE

| | |
|---|---|
| Total, sundry bridges | 53,995.65 |

### VOTE 196—FERRIES

| | |
|---|---|
| Total, sundry ferries | 139,115.56 |

### VOTE 197—SNOW-REMOVAL

| | |
|---|---|
| Total, sundry snow-removal | 97,629.90 |
| Total expenditure, Revelstoke District | $588,488.67 |

### SUMMARY OF EXPENDITURES, REVELSTOKE DISTRICT

| | |
|---|---|
| District expenditures as detailed | $588,488.67 |
| Expenditures as per Location Engineer's report (*see* page 128) | 114,714.99 |
| Expenditures as per Right-of-way Agent's report (*see* page 135) | 41,916.30 |
| Expenditures as per Bridge Engineer's Report (*see* page 148) | 1,618,800.04 |
| Expenditures as per Construction Engineer's report (*see* page 141) | 2,567,746.06 |
| Expenditures as per Surfacing Engineer's report (*see* pages 155, 156) | 457,479.97 |
| Grand total, Revelstoke District | $5,389,146.03 |

REGION No. 2—*Continued*

## SALMON ARM DISTRICT

### Capital Expenditure: Vote 340 (*a*)—Trans-Canada Highway, Roads

| | | |
|---|---|---|
| Trans-Canada Highway, Canoe–Annis (Project No. 477) | $4,457.23 | |
| Trans-Canada Highway, Annis–Sicamous (Project No. 551) | 11,489.85 | |
| Total | | $15,947.08 |

### Capital Expenditure: Vote 340 (*b*)—General Highways, Roads

| Reg. No. | | | |
|---|---|---|---|
| 67. | Sorrento–Eagle Bay—widening (Project No. 843) | $15,000.00 | |
| 446. | Squilax–Anglemont—reconstruct (Project No. 843) | 21,000.00 | |
| 28. | Sunnybrae—reconstruct with partial relocation (Project No. 843) | 6,000.00 | |
| 501. | Sunnybrae–Canoe Point—new construction (Project No. 843) | 6,000.00 | |
| 56. | White Lake—reconstruct (Project No. 843) | 23,000.00 | |
| | Total | | 71,000.00 |

### Capital Expenditure: Vote 340 (*c*)—Bridges

| | | | |
|---|---|---|---|
| 39. | Adams River (Project No. 225) | $17,214.52 | |
| 41. | Scotch Creek (Project No. 225) | 8,285.48 | |
| | Total | | 25,500.00 |

### Vote 196—Maintenance and Minor Betterments: Roads, Trails, and Streets

| | | |
|---|---|---|
| Total, sundry roads | | 187,737.73 |

### Vote 196—Classified Highways

| | | | |
|---|---|---|---|
| 23B and 80B. | Salmon Arm–Enderby | $8,717.05 | |
| 26B. | Salmon–Grand Prairie | 2,225.09 | |
| | Total | | 10,942.14 |

### Vote 196—Bridges: Maintenance

| | | |
|---|---|---|
| Total, sundry bridges | | 15,981.05 |

### Vote 196—Ferries

| | | |
|---|---|---|
| Total, sundry ferries | | 11,916.67 |

### Vote 197—Snow-removal

| | | |
|---|---|---|
| Total, sundry snow-removal | | 32,150.61 |
| Total expenditure, Salmon Arm District | | $371,175.28 |

### Summary of Expenditures, Salmon Arm District

| | |
|---|---|
| District expenditures as detailed | $371,175.28 |
| Expenditures as per Location Engineer's report (*see* page 128) | 13,787.03 |
| Expenditures as per Right-of-way Agent's report (*see* page 135) | 4,162.71 |
| Expenditures as per Bridge Engineer's report (*see* page 148) | 54,531.78 |
| Expenditures as per Construction Engineer's report (*see* page 142) | 1,277,614.25 |
| Expenditures as per Surfacing Engineer's report (*see* page 156) | 338,795.53 |
| Grand total, Salmon Arm District | $2,060,066.58 |

REGION No. 2—*Continued*

## SIMILKAMEEN DISTRICT

### Capital Expenditure: Vote 340 (*b*)—General Highways, Roads

| Reg. No. | | | |
|---|---|---|---|
| 89. | Richter Pass—reconstruction (Project No. 844) | $44,662.13 | |
| 95. | South Similkameen—general improvements and road-mix pavement (Project No. 844) | 27,941.78 | |
| | East Side Road, Skaha Lake (Project No. 844) | 21,200.00 | |
| | Oliver north and south—widening (Project No. 844) | 17,896.09 | |
| | Orchard roads—general improvements and road-mix pavement (Project No. 844) | 44,000.00 | |
| | West Bench, Penticton | 16,000.00 | |
| | Total | | $171,700.00 |

### Capital Expenditure: Vote 340 (*b*)—General Highways, Bridge Elimination

| | | |
|---|---|---|
| Two bridges eliminated (Project No. 862) | $700.00 | |
| Total | | 700.00 |

### Capital Expenditure: Vote 340 (*c*)—Bridges

| | | |
|---|---|---|
| Ellis Street Bridge, Penticton (Project No. 227) | $1,395.73 | |
| Total | | 1,395.73 |

### Vote 196—Maintenance and Minor Betterments: Roads, Trails, and Streets

| | | |
|---|---|---|
| Total, sundry roads | | 347,921.43 |

### Vote 196—Classified Highways

| | | | |
|---|---|---|---|
| 118B. | Fairview Road–Oliver | $14,500.00 | |
| 135B. | Penticton–Naramata | 729.95 | |
| | Total | | 15,229.95 |

### Vote 196—Bridges: Maintenance

| | | |
|---|---|---|
| Total, sundry bridges | | 41,800.00 |

### Vote 197—Snow-removal

| | | |
|---|---|---|
| Total, sundry snow-removal | | 142,446.70 |

### Vote 198—Local Highways within Municipal Limits

| | | |
|---|---|---|
| Village of Keremeos—paving, etc., sundry roads | $10,500.00 | |
| Total | | 10,500.00 |
| Total expenditure, Similkameen District | | $731,693.81 |

### Summary of Expenditures, Similkameen District

| | |
|---|---|
| District expenditures as detailed | $731,693.81 |
| Expenditures as per Location Engineer's report (*see* page 128) | 6,069.12 |
| Expenditures as per Right-of-way Agent's report (*see* page 136) | 9,269.60 |
| Expenditures as per Bridge Engineer's report | *Nil* |
| Expenditures as per Construction Engineer's report | *Nil* |
| Expenditures as per Surfacing Engineer's report (*see* pages 156, 157) | 552,723.79 |
| Grand total, Similkameen District | $1,299,756.32 |

REGION No. 2—*Continued*

## SOUTH OKANAGAN DISTRICT

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| Reg. No. | | | |
|---|---|---|---|
| 67. | Joe Rich (Project No. 841) | $1,800.00 | |
| | Sundry roads—road mix (Project No. 841) | 88,200.00 | |
| | Total | | $90,000.00 |

VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | |
|---|---|
| Total, sundry roads | 189,087.51 |

VOTE 196—BRIDGES: MAINTENANCE

| | |
|---|---|
| Total, sundry bridges | 26,400.00 |

VOTE 196—FERRIES

| | |
|---|---|
| Total, sundry ferries | 237,420.44 |

VOTE 197—SNOW-REMOVAL

| | |
|---|---|
| Total, sundry snow-removal | 25,351.73 |
| Total expenditure, South Okanagan District | $568,259.68 |

SUMMARY OF EXPENDITURES, SOUTH OKANAGAN DISTRICT

| | |
|---|---|
| District expenditures as detailed | $568,259.68 |
| Expenditures as per Location Engineer's report (*see* page 127) | 22,535.19 |
| Expenditures as per Right-of-way Agent's report (*see* page 134) | 9,692.00 |
| Expenditures as per Bridge Engineer's report (*see* page 147) | 111,813.80 |
| Expenditures as per Construction Engineer's report (*see* page 141) | 232,772.63 |
| Expenditures as per Surfacing Engineer's report | *Nil* |
| Grand total, South Okanagan District | $945,073.30 |

## YALE DISTRICT

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| | | | |
|---|---|---|---|
| 35. | Merritt–Kamloops Highway—reconstruct, Mile 7 to Mile 17 (Project No. 845) | $222,500.00 | |
| | Hope side-roads—regrade, road-mix pavement (Project No. 845) | 10,000.00 | |
| | Douglas Lake Road—regrade, road-mix pavement (Project No. 845) | 2,000.00 | |
| 12. | North Bend roads—regrade, road-mix pavement (Project No. 845) | 10,000.00 | |
| | Yale streets—general improvements | 6,000.00 | |
| | Total | | $250,500.00 |

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, BRIDGE ELIMINATION

| | | |
|---|---|---|
| Elimination of Brooks Bridge (Project No. 862) | $2,000.00 | |
| Total | | 2,000.00 |

VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | |
|---|---|
| Total, sundry roads | 289,969.45 |

VOTE 196—BRIDGES: MAINTENANCE

| | |
|---|---|
| Total, sundry bridges | 41,149.91 |

VOTE 196—FERRIES

| | |
|---|---|
| Total, sundry ferries | 46,988.88 |

REGION No. 2—YALE DISTRICT—*Continued*

VOTE 197—SNOW-REMOVAL

| | |
|---|---|
| Total, sundry snow-removal | $103,708.15 |
| Total expenditure, Yale District | $734,316.39 |

SUMMARY OF EXPENDITURES, YALE DISTRICT

| | |
|---|---|
| District expenditures as detailed | $734,316.39 |
| Expenditures as per Location Engineer's report (*see* page 129) | 79,602.14 |
| Expenditures as per Right-of-way Agent's report (*see* page 136) | 21,762.15 |
| Expenditures as per Bridge Engineer's report (*see* page 149) | 1,404,547.13 |
| Expenditures as per Construction Engineer's report (*see* page 143) | 9,304,412.44 |
| Expenditures as per Surfacing Engineer's report (*see* page 157) | 95,515.99 |
| Grand total, Yale District | $11,640,156.24 |

## REGION No. 3

### COLUMBIA DISTRICT

CAPITAL EXPENDITURE: VOTE 340 (*a*)—TRANS-CANADA HIGHWAY, ROADS

| Reg. No. | | | |
|---|---|---|---|
| | Trans-Canada Highway, Glacier Park–Donald section, Mile 641.94 to Mile 654.79 (Project No. 859) | $5,974.59 | |
| | Total | | $5,974.59 |

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| | | | |
|---|---|---|---|
| 19. | Giant Mine–Spillimacheen River—general improvements (Project No. 848) | $3,250.00 | |
| 1. | Kootenay–Columbia Highway—reconstruct 5 miles (Project No. 848) | 200,000.00 | |
| 1. | Kootenay–Columbia Highway, North Vermilion–Spillimacheen section (10.1 miles) (Project No. 884) | 400,000.00 | |
| 4. | Toby Road—general improvements, gravel base course (Project No. 848) | 15,000.00 | |
| 280. | Trans-Canada Highway, Big Bend section—general improvements, dust-control (Project No. 848) | 20,000.00 | |
| | Athalmer streets—road-mix pavement (Project No. 848) | 6,000.00 | |
| | Total | | 644,250.00 |

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, BRIDGE ELIMINATION

| | | |
|---|---|---|
| Bridge elimination (Project No. 862) | $3,900.00 | |
| Total | | 3,900.00 |

VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | |
|---|---|
| Total, sundry roads | 189,769.57 |

VOTE 196—BRIDGES: MAINTENANCE

| | |
|---|---|
| Total, sundry bridges | 35,000.00 |

VOTE 196—FERRIES

| | |
|---|---|
| Total, sundry ferries | 167.27 |

VOTE 197—SNOW-REMOVAL

| | |
|---|---|
| Total, sundry snow-removal | 50,221.14 |
| Total expenditure, Columbia District | $929,282.57 |

REGION No. 3—COLUMBIA DISTRICT—*Continued*

SUMMARY OF EXPENDITURES, COLUMBIA DISTRICT

| | |
|---|---|
| District expenditures as detailed | $929,282.57 |
| Expenditures as per Location Engineer's report (*see* page 123) | 40,680.14 |
| Expenditures as per Right-of-way Agent's report (*see* page 131) | 16,107.50 |
| Expenditures as per Bridge Engineer's report (*see* page 144) | 177,186.44 |
| Expenditures as per Construction Engineer's report (*see* page 138) | 869,625.70 |
| Expenditures as per Surfacing Engineer's report (*see* page 151) | 28,587.47 |
| Grand total, Columbia District | $2,061,469.82 |

## CRANBROOK DISTRICT

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| REG. No. | | | |
|---|---|---|---|
| 1. | Southern Trans-Provincial Highway, Cranbrook to Overhead Crossing—reconstruction, 1.75 miles (Project No. 847) | $27,500.00 | |
| 2. | Kootenay–Columbia Highway, Kimberley east — reconstruction, 4 miles (Project No. 847) | 81,933.00 | |
| 2. | Kootenay–Columbia Highway, Springbrook Bridge approaches (Project No. 847) | 11,533.81 | |
| | Total | | $120,966.81 |

VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | |
|---|---|
| Total, sundry roads | 164,648.04 |

VOTE 196—BRIDGES: MAINTENANCE

| | |
|---|---|
| Total, sundry bridges | 16,895.57 |

VOTE 197—SNOW-REMOVAL

| | |
|---|---|
| Total, sundry snow-removal | 57,748.88 |
| Total expenditure, Cranbrook District | $360,259.30 |

SUMMARY OF EXPENDITURES, CRANBROOK DISTRICT

| | |
|---|---|
| District expenditures as detailed | $360,259.30 |
| Expenditures as per Location Engineer's report (*see* page 123) | 9,371.43 |
| Expenditures as per Right-of-way Agent's report (*see* page 131) | 551.50 |
| Expenditures as per Bridge Engineer's report (*see* page 145) | 482,478.47 |
| Expenditures as per Construction Engineer's report (*see* page 138) | 1,138,785.99 |
| Expenditures as per Surfacing Engineer's report (*see* page 151) | 14,102.43 |
| Grand total, Cranbrook District | $2,005,549.12 |

## FERNIE DISTRICT

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| | | | |
|---|---|---|---|
| 9. | Jaffray–Baynes Lake Road—reconstruction, road-mix pavement, 1 mile (Project No. 849) | $10,997.08 | |
| 7. | Kootenay–Columbia Highway — general improvements, 4 miles (Project No. 849) | 12,999.45 | |
| 51. | Baynes Lake Road—reconstruction, road-mix pavement, 1.6 miles (Project No. 849) | 18,493.46 | |
| 10. | West Fernie streets—road-mix pavement (Project No. 849) | 4,500.00 | |
| | Total | | $46,989.99 |

## REGION No. 3—FERNIE DISTRICT—*Continued*

### Capital Expenditure: Vote 340 (*b*)—General Highways, Bridge Elimination

| | | |
|---|---|---|
| Bridge No. 38 (Project No. 862) | $4,159.93 | |
| Total | | $4,159.93 |

### Vote 196—Maintenance and Minor Betterments: Roads, Trails, and Streets

| | |
|---|---|
| Total, sundry roads | 169,344.01 |

### Vote 196—Bridges: Maintenance

| | |
|---|---|
| Total, sundry bridges | 11,767.55 |

### Vote 197—Snow-removal

| | |
|---|---|
| Total, sundry snow-removal | 35,876.05 |
| Total expenditure, Fernie District | $268,137.53 |

### Summary of Expenditures, Fernie District

| | |
|---|---|
| District expenditures as detailed | $268,137.53 |
| Expenditures as per Location Engineer's report (*see* page 124) | 70.65 |
| Expenditures as per Right-of-way Agent's report (*see* page 132) | 1,554.00 |
| Expenditures as per Bridge Engineer's report | *Nil* |
| Expenditures as per Construction Engineer's report (*see* page 139) | 2,468,176.29 |
| Expenditures as per Surfacing Engineer's report | *Nil* |
| Grand total, Fernie District | $2,737,938.47 |

## GRAND FORKS-GREENWOOD DISTRICT

### Capital Expenditure: Vote 340 (*b*)—General Highways, Roads

| Reg. No. | | | |
|---|---|---|---|
| 44. | Kettle River West Road—reconstruction on new location, 4.7 miles (Project No. 850) | $90,000.00 | |
| 44. | Kettle River West Road—general improvements (Project No. 850) | 15,000.00 | |
| 11. | Carmi–McCulloch | 20,000.00 | |
| | Total | | $125,000.00 |

### Capital Expenditure: Vote 340 (*b*)—General Highways, Bridge Elimination

| | | |
|---|---|---|
| Bridge Nos. 103, 115, 119, and 128 (Project No. 862) | $24,280.71 | |
| Total | | 24,280.71 |

### Vote 196—Maintenance and Minor Betterments: Roads, Trails, and Streets

| | |
|---|---|
| Total, sundry roads | 231,588.72 |

### Vote 196—Bridges: Maintenance

| | |
|---|---|
| Total, sundry bridges | 14,498.50 |

### Vote 197—Snow-removal

| | |
|---|---|
| Total, sundry snow-removal | 70,361.23 |
| Total expenditure, Grand Forks-Greenwood District | $465,729.16 |

REGION No. 3—GRAND FORKS-GREENWOOD DISTRICT—*Continued*

SUMMARY OF EXPENDITURES, GRAND FORKS-GREENWOOD DISTRICT

| | |
|---|---|
| District expenditures as detailed | $465,729.16 |
| Expenditures as per Location Engineer's report (*see* page 125) | 37,687.03 |
| Expenditures as per Right-of-way Agent's report (*see* page 133) | 5,087.70 |
| Expenditures as per Bridge Engineer's report (*see* page 146) | 116,271.13 |
| Expenditures as per Construction Engineer's report (*see* page 139) | 1,292,968.38 |
| Expenditures as per Surfacing Engineer's report | *Nil* |
| Grand total, Grand Forks-Greenwood District | $1,917,743.40 |

## KASLO-SLOCAN DISTRICT

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| Reg. No. | | | |
|---|---|---|---|
| 204. | Nelson–Kaslo—reconstruction, 9 miles south of Kaslo, Woodbury Creek section (Project No. 852) | $64,491.12 | |
| 246. | Slocan–Arrow Lakes Highway, Perry's diversion (Project No. 852) | 75,640.00 | |
| 246. | Slocan–Arrow Lakes Highway, Nakusp south—road mix and gravel (Project No. 852) | 80,828.01 | |
| 246. | Slocan–Arrow Lakes Highway, Monashee section—reconstruction (Project No. 852) | 49,081.31 | |
| 246. | Slocan–Arrow Lakes Highway, Enterprise section—reconstruction on realignment (Project No. 852) | 69,459.24 | |
| 173. | Kaslo–Lardeau, Schroeder Creek north—reconstruction (Project No. 852) | 10,000.00 | |
| | Total | | $349,499.68 |

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, BRIDGE ELIMINATION

| | | | |
|---|---|---|---|
| 246. | Slocan–Arrow Lakes—elimination of Seven Mile Bridge (Project No. 862) | $4,500.00 | |
| | Total | | 4,500.00 |

VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | |
|---|---|
| Total, sundry roads | 223,714.06 |

VOTE 196—BRIDGES: MAINTENANCE

| | |
|---|---|
| Total, sundry bridges | 78,551.13 |

VOTE 196—FERRIES: MAINTENANCE

| | |
|---|---|
| Total, sundry ferries | 53,036.09 |

VOTE 197—SNOW-REMOVAL

| | |
|---|---|
| Total, sundry snow-removal | 77,237.89 |
| Total expenditure, Kaslo-Slocan District | $786,538.85 |

SUMMARY OF EXPENDITURES, KASLO-SLOCAN DISTRICT

| | |
|---|---|
| District expenditures as detailed | $786,538.85 |
| Expenditures as per Location Engineer's report (*see* page 125) | 13,694.39 |
| Expenditures as per Right-of-way Agent's report | *Nil* |
| Expenditures as per Bridge Engineer's report (*see* page 146) | 86,489.89 |
| Expenditures as per Construction Engineer's report | *Nil* |
| Expenditures as per Surfacing Engineer's report (*see* page 153) | 41,392.44 |
| Grand total, Kaslo-Slocan District | $928,115.57 |

REGION No. 3—*Continued*

## NELSON-CRESTON DISTRICT

### Capital Expenditure: Vote 340 (*b*)—General Highways, Roads

| Reg. No. | | | |
|---|---|---|---|
| 234. | Kaslo–Nelson Highway—reconstruction, road-mix pavement (Project No. 853) | $154,436.28 | |
| 3. | Southern Trans-Provincial Highway, Kootenay Bay–Kuskanook section (Project No. 853) | 50,000.00 | |
| 139. | Harrop–Procter — gravel and road-mix pavement (Project No. 853) | 23,679.93 | |
| | Creston orchard roads—general improvements, road-mix pavement (Project No. 853) | 27,000.00 | |
| | Upper Longbeach Road—general improvements (Project No. 853) | 5,253.23 | |
| 30. | Blewett Road—general improvements (Project No. 853) | 5,077.29 | |
| 320. | Sproule Creek Road—general improvements (Project No. 853) | 655.03 | |
| | Access to New Kootenay Lake General Hospital (Project No. 853) | 17,884.52 | |
| 323. | Stocks Jackson—general improvements (Project No. 853) | 2,999.71 | |
| | South Nelson streets—general improvements (Project No. 853) | 4,193.72 | |
| | Ferry West Road—general improvements, gravel base course | 9,805.36 | |
| | Total | | $300,985.07 |

### Capital Expenditure: Vote 340 (*c*)—Ferries

| | | |
|---|---|---|
| Dry-dock, Kootenay Lake Ferry (Project No. 269) | $19,806.34 | |
| Total | | 19,806.34 |

### Vote 196—Maintenance and Minor Betterments: Roads, Trails, and Streets

| | |
|---|---|
| Total, sundry roads | 303,357.99 |

### Vote 196—Bridges: Maintenance

| | |
|---|---|
| Total, sundry bridges | 23,680.20 |

### Vote 196—Ferries

| | |
|---|---|
| Total, sundry ferries | 315,356.47 |

### Vote 197—Snow-removal

| | |
|---|---|
| Total, sundry snow-removal | 101,297.76 |
| Total expenditure, Nelson-Creston District | $1,064,483.83 |

### Summary of Expenditures, Nelson-Creston District

| | |
|---|---|
| District expenditures as detailed | $1,064,483.83 |
| Expenditures as per Location Engineer's report (*see* page 126) | 21,401.99 |
| Expenditures as per Right-of-way Agent's report (*see* page 134) | 32,141.85 |
| Expenditures as per Bridge Engineer's report (*see* page 147) | 607,111.98 |
| Expenditures as per Construction Engineer's report (*see* page 140) | 795,528.37 |
| Expenditures as per Surfacing Engineer's report (*see* page 154) | 38,480.30 |
| Grand total, Nelson-Creston District | $2,559,148.32 |

REGION No. 3—*Continued*

## ROSSLAND-TRAIL DISTRICT

### Capital Expenditure: Vote 340 (*b*)—General Highways, Roads

| Reg. No. | | | |
|---|---|---|---|
| 46. | Robson–Deer Park—reconstruction and road-mix pavement (Project No. 851) | $75,000.00 | |
| 3. | Southern Trans-Provincial Highway, Trail Arterial—reconstruction at Mary's Flat (Project No. 851) | 81,500.00 | |
| 3. | Southern Trans-Provincial Highway, Schofield and Rossland Arterial—widening between Columbia Avenue and Warfield (Project No. 851) | 50,000.00 | |
| 3. | Southern Trans-Provincial Highway, Rossland–Cascade—general improvements (Project No. 851) | 10,000.00 | |
| | Total | | $216,500.00 |

### Capital Expenditure: Vote 340 (*b*)—General Highways, Bridge Elimination

| | | |
|---|---|---|
| Bridge elimination (Project No. 862) | $37,000.00 | |
| Total | | 37,000.00 |

### Vote 196—Maintenance and Minor Betterments: Roads, Trails, and Streets

| | | |
|---|---|---|
| Total, sundry roads | | 210,498.92 |

### Vote 196—Bridges: Maintenance

| | | |
|---|---|---|
| Total, sundry bridges | | 24,923.53 |

### Vote 196—Ferries

| | | |
|---|---|---|
| Total, sundry ferries | | 96,537.66 |

### Vote 197—Snow-removal

| | | |
|---|---|---|
| Total, sundry snow-removal | | 57,442.00 |

### Vote 198—Local Highways within Municipal Limits

| | | |
|---|---|---|
| Village of Montrose—sundry roads | $3,731.71 | |
| Village of Fruitvale—road linking Hillcrest and Nelson Avenues | 1,000.00 | |
| Total | | 4,731.71 |
| Total expenditure, Rossland-Trail District | | $647,633.82 |

### Summary of Expenditures, Rossland-Trail District

| | |
|---|---|
| District expenditures as detailed | $647,633.82 |
| Expenditures as per Location Engineer's report (*see* page 128) | 8,394.83 |
| Expenditures as per Right-of-way Agent's report (*see* page 135) | 7,636.50 |
| Expenditures as per Bridge Engineer's report (*see* page 148) | 101,730.65 |
| Expenditures as per Construction Engineer's report (*see* page 142) | 1,092,307.63 |
| Expenditures as per Surfacing Engineer's report (*see* page 156) | 5,585.78 |
| Grand total, Rossland-Trail District | $1,863,289.21 |

## REGION No. 4

### ATLIN DISTRICT (NORTH)

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| | | |
|---|---|---|
| McDame Creek Road—general improvements (Project No. 854) | $35,000.00 | |
| Dease Lake Road—general improvements (Project No. 854) | 20,000.00 | |
| Total | | $55,000.00 |

VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | |
|---|---|
| Total, sundry roads | 113,747.45 |

VOTE 196—BRIDGES: MAINTENANCE

| | |
|---|---|
| Total, sundry bridges | 26,580.47 |

VOTE 197—SNOW-REMOVAL

| | |
|---|---|
| Total, sundry snow-removal | 60,711.25 |
| Total expenditures, Atlin District (North) | $256,039.17 |

SUMMARY OF EXPENDITURES, ATLIN DISTRICT (NORTH)

| | |
|---|---|
| District expenditures as detailed | $256,039.17 |
| Expenditures as per Location Engineer's report (*see* page 122) | 212,918.79 |
| Expenditures as per Right-of-way Agent's report | *Nil* |
| Expenditures as per Bridge Engineer's report | *Nil* |
| Expenditures as per Construction Engineer's report (*see* page 137) | 248,459.33 |
| Expenditures as per Surfacing Engineer's report | *Nil* |
| Grand total, Atlin District (North) | $717,417.29 |

### CARIBOO DISTRICT (NORTH)

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| REG. No. | | | |
|---|---|---|---|
| 38. | Barkerville—Reconstruction (Project No. 855) | $65,000.00 | |
| 2. | Cariboo—revision at Red Bluff Hill (Project No. 855) | 18,000.00 | |
| 45. | Dragon Lake—reconstruction (Project No. 855) | 15,000.00 | |
| 32. | Fraser—reconstruction, Narcosli Creek Hill (Project No. 855) | 35,000.00 | |
| 22. | Western Plywood—reconstruction (Project No. 855) | 40,000.00 | |
| | Total | | $173,000.00 |

VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | |
|---|---|
| Total, sundry roads | 248,034.36 |

VOTE 196—BRIDGES: MAINTENANCE

| | |
|---|---|
| Total, sundry bridges | 28,576.88 |

VOTE 196—FERRIES

| | |
|---|---|
| Total, sundry ferries | 22,083.73 |

VOTE 197—SNOW-REMOVAL

| | |
|---|---|
| Total, sundry snow-removal | 77,770.68 |
| Total expenditure, Cariboo District (North) | $549,465.65 |

REGION No. 4—CARIBOO DISTRICT (NORTH)—*Continued*

SUMMARY OF EXPENDITURES, CARIBOO DISTRICT (NORTH)

| | |
|---|---|
| District expenditures as detailed | $549,465.65 |
| Expenditures as per Location Engineer's report (*see* page 122) | 12,538.52 |
| Expenditures as per Right-of-way Agent's report (*see* page 130) | 502.25 |
| Expenditures as per Bridge Engineer's report (*see* page 144) | 243,606.28 |
| Expenditures as per Construction Engineer's report (*see* page 137) | 1,104,491.26 |
| Expenditures as per Surfacing Engineer's report (*see* page 150) | 862.50 |
| Grand total, Cariboo District (North) | $1,911,466.46 |

## FORT GEORGE DISTRICT

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| Reg. No. | | | |
|---|---|---|---|
| 2N. | John Hart Highway—general improvements and base gravel (Project No. 856) | $67,500.00 | |
| 5. | North Thompson, Cedarside–Valemount (6 miles)—ditching and gravelling (Project No. 856) | 17,500.00 | |
| 16E. | Northern Trans-Provincial Highway, Prince George east (Project No. 856) | 30,000.00 | |
| 16W. | Northern Trans-Provincial Highway, Prince George west, Peden's Hill—gravel and base course (Project No. 856) | 48,000.00 | |
| 16Y. | Northern Trans-Provincial Highway, McBride east—reconstruction on new location | 97,846.75 | |
| | Total | | $260,846.75 |

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, BRIDGE ELIMINATION

| | | |
|---|---|---|
| Cale Creek Culvert (Project No. 862) | $7,000.00 | |
| Total | | 7,000.00 |

CAPITAL EXPENDITURE: VOTE 340 (*c*)—BRIDGES

| | | |
|---|---|---|
| Willow River Bridge approaches, Northern Trans-Provincial Highway (east) (Project No. 265) | $18,500.00 | |
| Total | | 18,500.00 |

VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | |
|---|---|
| Total, sundry roads | 429,991.28 |

VOTE 196—BRIDGES: MAINTENANCE

| | |
|---|---|
| Total, sundry bridges | 41,984.57 |

VOTE 196—FERRIES

| | |
|---|---|
| Total, sundry ferries | 14,336.60 |

VOTE 197—SNOW-REMOVAL

| | |
|---|---|
| Total, sundry snow-removal | 140,241.73 |
| Total expenditure, Fort George District | $912,900.93 |

SUMMARY OF EXPENDITURES, FORT GEORGE DISTRICT

| | |
|---|---|
| District expenditures as detailed | $912,900.93 |
| Expenditures as per Location Engineer's report (*see* page 124) | 145,012.82 |
| Expenditures as per Right-of-way Agent's report (*see* pages 130, 133) | 127,185.45 |
| Expenditures as per Bridge Engineer's report (*see* pages 144, 145) | 1,855,153.68 |
| Expenditures as per Construction Engineer's report (*see* pages 137, 139) | 2,295,523.31 |
| Expenditures as per Surfacing Engineer's report (*see* page 153) | 251,890.91 |
| Grand total, Fort George District | $5,587,667.10 |

REGION No. 4—*Continued*

## OMINECA DISTRICT (EAST)

### Capital Expenditure: Vote 340 (*b*)—General Highways, Roads

| Reg. No. | | | |
|---|---|---|---|
| 39. | Northern Trans-Provincial Highway, Vanderhoof east — reconstruction, 10 miles (D.L.) (Project No. 857) | $285,000.00 | |
| 39. | Northern Trans-Provincial Highway, Vanderhoof west — major gravelling (D.L.) (Project No. 857) | 155,000.00 | |
| 124. | Vanderhoof–Stuart Lake Road—reconstruction, 3 miles (D.L.) (Project No. 857) | 8,000.00 | |
| | Total | | $448,000.00 |

### Capital Expenditure: Vote 340 (*b*)—General Highways, Bridge Elimination

| | | |
|---|---|---|
| Elimination of bridges with culvert and fill (D.L.) (Project No. 862)— | | |
| Ewen Bridge No. 19 | $2,954.12 | |
| Five Mile Bridge No. 10 | 2,747.70 | |
| Hogback Bridge No. 98 | 2,137.09 | |
| Lily Lake Bridge No. 156 | 2,137.09 | |
| Outram Bridge No. 68 | 3,550.44 | |
| Smith Bridge No. 155 | 2,137.10 | |
| Watkins Bridge No. 13 | 3,136.46 | |
| Total | | 18,800.00 |

### Capital Expenditure: Vote 340 (*c*)—Bridges

| | | |
|---|---|---|
| Construction of approaches to Engen Overhead Crossing (D.L.) (Project No. 220) | $32,000.00 | |
| Total | | 32,000.00 |

### Vote 196—Maintenance and Minor Betterments: Roads, Trails, and Streets

| | |
|---|---|
| Total, sundry roads | 202,734.48 |

### Vote 196—Bridges: Maintenance

| | |
|---|---|
| Total, sundry bridges | 11,994.33 |

### Vote 197—Snow-removal

| | |
|---|---|
| Total, sundry snow-removal | 35,786.45 |
| Total expenditure, Omineca District (East) | $749,315.26 |

### Summary of Expenditures, Omineca District (East)

| | |
|---|---|
| District expenditures as detailed | $749,315.26 |
| Expenditures as per Location Engineer's report (*see* page 127) | 3,072.29 |
| Expenditures as per Right-of-way Agent's report | *Nil* |
| Expenditures as per Bridge Engineer's report (*see* page 147) | 76,843.64 |
| Expenditures as per Construction Engineer's report | *Nil* |
| Expenditures as per Surfacing Engineer's report (*see* page 155) | 149,375.40 |
| Grand total, Omineca District (East) | $978,606.59 |

REGION No. 4—*Continued*

## OMINECA DISTRICT (WEST)

### Capital Expenditure: Vote 340 (*b*)—General Highways, Roads

| | | |
|---|---|---|
| Northern Trans-Provincial Highway, Burns Lake—reconstruction, Mile 28 to Mile 40 (Project No. 858) | $170,000.00 | |
| Northern Trans-Provincial Highway, Houston westerly—reconstruction, Mile 16 to Mile 26 (Project No. 858) | 100,000.00 | |
| Northern Trans-Provincial Highway, Houston westerly—crushed-gravel base course (Project No. 858) | 80,000.00 | |
| North Francois—reconstruction to 36-foot sub, Mile 12 to Mile 15, pit-run gravel base (Project No. 858) | 7,955.59 | |
| Houston–Wistaria—reconstruction, 25 miles (Project No. 858) | 20,000.00 | |
| Total | | $377,955.59 |

### Capital Expenditure: Vote 340 (*b*)—General Highways, Bridge Elimination

| | | |
|---|---|---|
| Elimination of sundry bridges (Project No. 858) | $42,000.00 | |
| Total | | 42,000.00 |

### Vote 196—Maintenance and Minor Betterments: Roads, Trails, and Streets

| | |
|---|---|
| Total, sundry roads | 180,888.61 |

### Vote 196—Bridges: Maintenance

| | |
|---|---|
| Total, sundry bridges | 18,000.00 |

### Vote 196—Ferries

| | |
|---|---|
| Total, sundry ferries | 61,320.29 |

### Vote 197—Snow-removal

| | |
|---|---|
| Total, sundry snow-removal | 62,934.79 |
| Total expenditure, Omineca District (West) | $743,099.28 |

### Summary of Expenditures, Omineca District (West)

| | |
|---|---|
| District expenditures as detailed | $743,099.28 |
| Expenditures as per Location Engineer's report (*see* page 127) | 42,496.11 |
| Expenditures as per Right-of-way Agent's report (*see* page 134) | 12,626.20 |
| Expenditures as per Bridge Engineer's report (*see* page 147) | 238,015.63 |
| Expenditures as per Construction Engineer's report (*see* page 141) | 210,942.53 |
| Expenditures as per Surfacing Engineer's report (*see* page 155) | 660,947.80 |
| Grand total, Omineca District (West) | $1,908,127.55 |

## PEACE RIVER NORTH DISTRICT

### Capital Expenditure: Vote 340 (*b*)—General Highways, Roads

| Reg. No. | | | |
|---|---|---|---|
| 174. | Cecil Lake–Syphon Creek—reconstruction (5 miles), pit-run gravel base (Project No. 860) | $33,000.00 | |
| | Fort Nelson subdivision roads—new construction (Project No. 773) | 36,000.00 | |
| 101. | Fort St. John–Upper Pine—revision, Mile 1.0 to Mile 1.25, pit-run gravel base (Project No. 860) | 35,000.00 | |
| 121. | McKibbon—reconstruction, 3 miles (Project No. 860) | 44,000.00 | |
| 259. | North Pine—reconstruction, 6 miles, pit-run gravel base (Project No. 860) | 33,000.00 | |
| | Total | | $181,000.00 |

## REGION No. 4—PEACE RIVER NORTH DISTRICT—*Continued*

### Vote 196—Maintenance and Minor Betterments: Roads, Trails, and Streets

| | |
|---|---|
| Total, sundry roads | $193,057.74 |

### Vote 196—Bridges: Maintenance

| | |
|---|---|
| Total, sundry bridges | 58,000.00 |

### Vote 196—Ferries

| | |
|---|---|
| Total, sundry ferries | 2,237.00 |

### Vote 197—Snow-removal

| | |
|---|---|
| Total, sundry snow-removal | 96,319.14 |
| Total expenditure, Peace River North District | $530,613.88 |

### Summary of Expenditures, Peace River North District

| | |
|---|---|
| District expenditures as detailed | $530,613.88 |
| Expenditures as per Location Engineer's report | *Nil* |
| Expenditures as per Right-of-way Agent's report | *Nil* |
| Expenditures as per Bridge Engineer's report (*see* page 147) | 149,694.38 |
| Expenditures as per Construction Engineer's report | *Nil* |
| Expenditures as per Surfacing Engineer's report (*see* page 155) | 168,092.99 |
| Grand total, Peace River North District | $848,401.25 |

## PEACE RIVER SOUTH DISTRICT

### Capital Expenditure: Vote 340 (*b*)—General Highways, Roads

| Reg. No. | | | |
|---|---|---|---|
| 219. | Farm and settlement roads—reconstruction and gravelling (Project No. 859) | $50,000.00 | |
| 70. | Moberly Lake—general improvements (Project No. 859) | 40,000.00 | |
| 3. | Pouce Coupe–Clayhurst Ferry — reconstruct on new alignment (Project No. 859) | 10,000.00 | |
| 7. | Bessborough–Farmington—to complete construction (Project No. 859) | 20,000.00 | |
| | Total | | $120,000.00 |

### Capital Expenditure: Vote 340 (*b*)—General Highways, Bridge Elimination

| | | |
|---|---|---|
| Elimination of eleven bridges (Project No. 862) | $57,061.84 | |
| Elimination of bridge, Eighth Street, Dawson Creek (Project No. 862) | 6,000.00 | |
| Elimination of six bridges (Project No. 862) | 27,336.15 | |
| Total | | 90,397.99 |

### Vote 196—Maintenance and Minor Betterments: Roads, Trails, and Streets

| | |
|---|---|
| Total, sundry roads | 366,020.57 |

### Vote 196—Bridges: Maintenance

| | |
|---|---|
| Total, sundry bridges | 37,293.04 |

### Vote 196—Ferries

| | |
|---|---|
| Total, sundry ferries | 37,897.91 |

### Vote 197—Snow-removal

| | |
|---|---|
| Total, sundry snow-removal | 121,518.91 |
| Total expenditure, Peace River South District | $773,128.42 |

REGION No. 4—PEACE RIVER SOUTH DISTRICT—*Continued*

SUMMARY OF EXPENDITURES, PEACE RIVER SOUTH DISTRICT

| | |
|---|---|
| District expenditures as detailed | $773,128.42 |
| Expenditures as per Location Engineer's report (*see* page 127) | 6,417.56 |
| Expenditures as per Right-of-way Agent's report (*see* page 134) | 14,340.94 |
| Expenditures as per Bridge Engineer's report | *Nil* |
| Expenditures as per Construction Engineer's report (*see* page 141) | 425,957.26 |
| Expenditures as per Surfacing Engineer's report | *Nil* |
| Grand total, Peace River South District | $1,219,844.18 |

## SKEENA DISTRICT (EAST)

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, ROADS

| | | |
|---|---|---|
| Northern Trans-Provincial Highway, Kitwanga–Skeena Crossing—reconstruction (Project No. 861) | $180,000.00 | |
| Northern Trans-Provincial Highway—complete sections, Smithers west, including crushed gravel (Project No. 861) | 50,500.00 | |
| Northern Trans-Provincial Highway, No. 62 New Hazelton High Level (Project No. 861) | 30,000.00 | |
| Total | | $260,500.00 |

CAPITAL EXPENDITURE: VOTE 340 (*b*)—GENERAL HIGHWAYS, BRIDGE ELIMINATION

| | | |
|---|---|---|
| Toboggan Creek Bridge (Project No. 862) | $10,0000.00 | |
| Total | | 10,000.00 |

VOTE 196—MAINTENANCE AND MINOR BETTERMENTS: ROADS, TRAILS, AND STREETS

| | |
|---|---|
| Total, sundry roads | 159,751.02 |

VOTE 196—BRIDGES: MAINTENANCE

| | |
|---|---|
| Total, sundry bridges | 16,988.56 |

VOTE 196—FERRIES

| | |
|---|---|
| Total, sundry ferries | 11,468.96 |

VOTE 197—SNOW-REMOVAL

| | |
|---|---|
| Total, sundry snow-removal | 47,547.52 |
| Total expenditure, Skeena District (East) | $506,256.06 |

SUMMARY OF EXPENDITURES, SKEENA DISTRICT (EAST)

| | |
|---|---|
| District expenditures as detailed | $506,256.06 |
| Expenditures as per Location Engineer's report | *Nil* |
| Expenditures as per Right-of-way Agent's report (*see* page 136) | 999.00 |
| Expenditures as per Bridge Engineer's report | *Nil* |
| Expenditures as per Construction Engineer's report | *Nil* |
| Expenditures as per Surfacing Engineer's report (*see* page 156) | 28,394.38 |
| Grand total, Skeena District (East) | $535,649.44 |

## VICTORIA (HEADQUARTERS)

### Capital Expenditure out of Income: Vote 340 (*b*)—General Highways, Roads, etc.

| | | |
|---|---|---|
| Treasury Bills H.D.A. 18 and 19, 1950—debt redemption *re* Agamemnon Road (Project No. 866) | $200,000.00 | |
| Radio-telephone installations (Project No. 738) | 349,160.28 | |
| Crushed gravel for day-labour projects (Project No. 872) | 343,352.00 | |
| Materials testing (Project No. 871) | 315,243.64 | |
| Purchase of house, Prince George (Project No. 875) | 14,000.00 | |
| Total, Vote 340 (*b*)—General Highways | | $1,221,755.92 |

### Vote 340 (*c*)—Bridges

| | | |
|---|---|---|
| Mission (C.P.R.) Bridge reconstruction, Dewdney (Project No. 206) | $248,266.25 | |
| Total, Vote 340 (*c*)—Bridges | | 248,266.25 |

### Vote 346—Okanagan Flood-control

| | | |
|---|---|---|
| Okanagan Flood-control (gross) | $859,503.00 | |
| Total, Vote 346—Okanagan Flood-control | | 859,503.00 |

### Vote 196—Roads Generally

| | | |
|---|---|---|
| Miscellaneous expenditures for materials, etc. | $62,318.56 | |
| City of Vancouver, metropolitan planning | 21,287.42 | |
| Payment of leases | 572.77 | |
| Photographic equipment, salaries, expenses, etc. | 26,062.41 | |
| Sundry roads | 2,687.58 | |
| Departmental Comptroller (miscellaneous) (Credit) | *37,402.58* | |
| Gravel | 21,989.81 | |
| Mixing plants (Surfacing Branch) (Credit) | *5,635.09* | |
| Aircraft repairs and expenses | 36,420.06 | |
| Purchase of house, Kamloops | 13,500.00 | |
| Rights-of-way | 35,821.93 | |
| Projects (preliminary expenditures on various projects) | 52,192.17 | |
| Construction Superintendent's salary and travelling expenses | 10,317.09 | |
| Equipment Engineer (unissued stores, mechanical parts, and related matters) | 51,374.00 | |
| Total, Vote 196—Roads Generally | | 291,506.13 |

### Vote 196—Roads: Centre-line Marking

| | | |
|---|---|---|
| Centre-line marking throughout the Province | $130,287.54 | |
| Total, Vote 196—Roads: Centre-line Marking | | 130,287.54 |

### Vote 196—Machinery Account

| | | |
|---|---|---|
| Gross expenditure | $5,536,285.45 | |
| Credits | *5,536,519.91* | |
| Net total, Vote 196—Machinery Account | | *234.46* |

### Vote 196—Bridges Generally (Including Toll-bridge Maintenance)

| | | |
|---|---|---|
| Maintenance, Lions Gate Bridge, First Narrows | $108,392.68 | |
| Maintenance, Agassiz–Rosedale | 8,313.41 | |
| Maintenance, Oak Street | 91,311.43 | |
| Maintenance, Nelson | 14,525.43 | |
| Bridges generally—miscellaneous (Credit) | *3,132,47* | |
| Pattullo Bridge (pipe-line) (Credit) | *5,000.00* | |
| Total, Vote 196—Bridges Generally | | 214,410.48 |

VICTORIA (HEADQUARTERS)—*Continued*

VOTE 196—FERRIES GENERALLY

| | | |
|---|---|---|
| Air service | $245.00 | |
| Ferry-landing, Swartz Bay | 11,776.00 | |
| Emergency service, P.G.E. Railway, Squamish | 14,680.00 | |
| Shuswap Lake—payments by Capt. F. M. Smith for purchase of Barge F-3-S (Credit) | *2,200.00* | |
| Miscellaneous expenditures (advertising, tickets, etc.) | 24,071.41 | |
| Ferry service, Peace River | 11,776.49 | |
| Texada Island ferry-landing | 303.64 | |
| Total, Vote 196—Ferries Generally | | $60,652.54 |

VOTE 197—SNOW-REMOVAL

| | | |
|---|---|---|
| Miscellaneous credits | *$653.63* | |
| Total, Vote 197—Snow-removal (Credit) | | *653.63* |
| Total Expenditure, Victoria | | $3,025,493.77 |

SUMMARY OF EXPENDITURES, VICTORIA (HEADQUARTERS)

| | |
|---|---|
| Expenditures as detailed | $3,025,493.77 |
| Expenditures as per Location Engineer's report (*see* page 121) | 114,135.05 |
| Expenditures as per Right-of-way Agent's report | *Nil* |
| Expenditures as per Bridge Engineer's report (*see* page 144) | 652,105.17 |
| Expenditures as per Construction Engineer's report (*see* page 143) | 249,702.39 |
| Expenditures as per Surfacing Engineer's report (*see* page 150) | 327,695.81 |
| Expenditures as per ferries | *Nil* |
| Grand total, Victoria (Headquarters) | $4,369,132.19 |

## LOCATION ENGINEER

HEADQUARTERS

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Surveys generally (pay-list, $68,730.67; equipment, $2,220.57; film, $70.15; and miscellaneous, $3,807.25) (Project No. 863) | $74,828.64 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $74,828.64 | |

*Capital Expenditure: Vote 340 (b)—General Highways, Survey Supplies*

| | | | |
|---|---|---|---|
| Survey Supplies (Project No. 873) | $39,306.41 | | |
| Total, Vote 340 (*b*)—General Highways, Survey Supplies | | 39,306.41 | |
| Total expenditure, Headquarters District | | | $114,135.05 |

ALBERNI

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Port Alberni–Alberni (Project No. 863) | $2,143.74 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $2,143.74 | |
| Total expenditure, Alberni District | | | 2,143.74 |

LOCATION ENGINEER—*Continued*

ATLIN (NORTH)

*Capital Expenditure: Vote 344—Mining-roads*

| | | | |
|---|---|---|---|
| Cassiar–Stewart Road—surveys, purchase of equipment, etc. (Project No. 775) | $212,918.79 | | |
| Total, Vote 344—Mining-roads | | $212,918.79 | |
| Total expenditure, Atlin District (North) | | | $212,918.79 |

ATLIN (SOUTH)

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Nass River area (Project No. 863) | $4,822.60 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $4,822.60 | |
| Total expenditure, Atlin District (South) | | | 4,822.60 |

BURNABY AND DEWDNEY

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Lougheed Highway, Boundary Road–North Road (Project No. 864) | $6,541.50 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | $6,541.50 | |
| Total expenditure, Burnaby and Dewdney Districts | | | 6,541.50 |

CARIBOO (NORTH)

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Cariboo Highway, Quesnel By-pass (Project No. 863) | $9,188.22 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $9,188.22 | |

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| South Cariboo Highway No. 2 (Project No. 864) | $3,350.30 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | 3,350.30 | |
| Total expenditure, Cariboo District (North) | | | 12,538.52 |

CARIBOO (SOUTH)

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Chilcotin suspension and approaches (Project No. 863) | $26,612.08 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $26,612.08 | |
| Total expenditure, Cariboo District (South) | | | 26,612.08 |

CHILLIWACK

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Surveys*

| | | | |
|---|---|---|---|
| Pattullo Bridge–Abbotsford, Mile 81 to Mile 113.1 (Project No. 868) | $95,347.62 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Surveys | | $95,347.62 | |

LOCATION ENGINEER—*Continued*

CHILLIWACK—*Continued*

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Chilliwack By-pass (Project No. 864) | $24.50 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | $24.50 | |
| Total expenditure, Chilliwack District | | | $95,372.12 |

COLUMBIA

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Cranbrook–Golden Highway No. 97, Windermere–Ta Ta Junction (Project No. 863) | $40,680.14 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $40,680.14 | |
| Total expenditure, Columbia District | | | 40,680.14 |

COMOX

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Alberni–Cumberland (Project No. 863) | $9,456.17 | | |
| Island Highway, Campbell River–Port Hardy section (Project No. 863) | 75,549.51 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $85,005.68 | |
| Total expenditure, Comox District | | | 85,005.68 |

COWICHAN-NEWCASTLE

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Part of Lot 1, Sections 3 and 4, Ranges 7 and 8, Plan 2700, Cranberry District (Project No. 864) | $205.00 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | $205.00 | |
| Total expenditure, Cowichan-Newcastle District | | | 205.00 |

CRANBROOK

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Cranbrook Overhead–Fort Steele Junction (Project No. 863) | $9,371.43 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $9,371.43 | |
| Total expenditure, Cranbrook District | | | 9,371.43 |

DELTA

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Peach Arch Highway—Deas Island approaches and Oak Street Bridge site (Vancouver–International Boundary at Peach Arch) (Project No. 863) | $11,154.04 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $11,154.04 | |
| Total expenditure, Delta District | | | 11,154.04 |

LOCATION ENGINEER—*Continued*

DEWDNEY

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Harrison River Bridge (Project No. 864) | $257.30 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | $257.30 | |
| Total expenditure, Dewdney District | | | $257.30 |

ESQUIMALT

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Arbutus Creek–Mill Bay (Project No. 864) | $7,283.62 | | |
| Victoria–Malahat Chalet (Project No. 864) | 3,627.72 | | |
| Malahat Chalet–Mill Bay (Project No. 864) | 7,265.67 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | $18,177.01 | |
| Total expenditure, Esquimalt District | | | 18,177.01 |

FERNIE

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Southern Trans-Provincial Highway, Crowsnest Pass section (Project No. 863) | $70.65 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $70.65 | |
| Total expenditure, Fernie District | | | 70.65 |

FORT GEORGE

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Fraser River–John Hart Highway (Project No. 863) | $105.01 | | |
| Northern Trans-Provincial Highway, Prince George–McBride (Project No. 863) | 110,287.03 | | |
| Sweden Creek–Omineca Boundary (Project No. 863) | 31,226.02 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $141,618.06 | |

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Nechako River Bridge site, By-pass Highway at Prince George (Project No. 864) | $510.30 | | |
| West Northern Trans-Provincial Highway No. 16, Peden's Hill, Prince George (Project No. 864) | 2,884.46 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | 3,394.76 | |
| Total expenditure, Fort George District | | | 145,012.82 |

GRAND FORKS-GREENWOOD

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Boundary Falls–Grand Forks (Project No. 863) | $23,749.95 | | |
| Southern Trans-Provincial Highway, Christina Lake–Kinnaird (Project No. 863) | 13,314.75 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $37,064.70 | |

LOCATION ENGINEER—*Continued*

GRAND FORKS-GREENWOOD—*Continued*

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Rock Creek survey (Project No. 864) | $622.33 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | $622.33 | |
| Total expenditure, Grand Forks-Greenwood District | | | $37,687.03 |

KAMLOOPS

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| North Thompson Highway, Kamloops By-pass (Project No. 863) | $15,568.31 | | |
| North Thompson Highway, Little Fort–Blue River (Project No. 863) | 16,926.93 | | |
| North Kamloops Highway (Project No. 863) | 3,935.83 | | |
| North Thompson Highway, Raft River section (Project No. 863) | 708.18 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $37,139.25 | |

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Trans-Canada Highway through District Lot 269 to District Lot 296, east of Kamloops (Project No. 864) | $2,884.92 | | |
| North Thompson Highway, Heffley Creek–Gravel-pit and Road (Project No. 864) | 85.00 | | |
| North Thompson Highway, Mosquito Flats–Raft River (Project No. 864) | 9,135.63 | | |
| Sallahlus Indian Reserve No. 2, Francis Peninsula (Project No. 864) | 277.50 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | 12,383.05 | |
| Total expenditure, Kamloops District | | | 49,522.30 |

KASLO-SLOCAN

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Balfour–Kaslo Highway (Project No. 863) | $13,694.39 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $13,694.39 | |
| Total expenditure, Kaslo-Slocan District | | | 13,694.39 |

LILLOOET

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Bridge River survey (Project No. 863) | $45,001.21 | | |
| Squamish–Woodfibre (Project No. 863) | 24,765.19 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $69,766.40 | |

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Trans-Canada Highway, Oregon Jack Indian Reserve No. 5 (Project No. 864) | $1,593.06 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | 1,593.06 | |
| Total expenditure, Lillooet District | | | 71,359.46 |

LOCATION ENGINEER—*Continued*

MACKENZIE

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Gibsons Landing west (Project No. 863) | $3,273.56 | | |
| Squamish–Gibsons Landing (Project No. 863) | 2,500.69 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $5,774.25 | |

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Gibsons Landing–Port Mellon Road (Project No. 864) | $1,175,00 | | |
| Mission Creek Bridge, Sechelt Peninsula (Project No. 864) | 80.00 | | |
| Trans-Canada Highway, Savona–Kamloops section (Project No. 864) | 250.00 | | |
| Thunder Bay Road through District Lots 1479 and 1480, Group 1, New Westminster District (Project No. 864) | 1,053.00 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | 2,558.00 | |
| Total expenditure, Mackenzie District | | | $8,332.25 |

NANAIMO-ISLANDS

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Galiano Island ferry approach (Project No. 864) | $828.68 | | |
| Island Highway, Nanaimo–Wellington (Project No. 864) | 267.00 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | $1,095.68 | |
| Total expenditure, Nanaimo-Islands District | | | 1,095.68 |

NELSON-CRESTON

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Hall Creek–Salmo (Project No. 863) | $2,391.46 | | |
| Salmo–Creston Highway, Summit Lake–Creston section (Project No. 863) | 2,442.27 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $4,833.73 | |

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Fruitvale–Salmo Highway (Project No. 864) | $10,039.10 | | |
| Nelson–Nelway Highway—survey parts of Great Northern Railway, Balfour, etc. (Project No. 864) | 6,529.16 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | 16,568.26 | |
| Total expenditure, Nelson-Creston District | | | 21,401.99 |

NEW WESTMINSTER

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Ninth Street, Plan 1275, District Lot 909, and part of Block 6, Plan 1275, District Lot 909, Group 1, New Westminster District (Project No. 864) | $250.00 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | $250.00 | |
| Total expenditure, New Westminster District | | | 250.00 |

LOCATION ENGINEER—*Continued*

NORTH OKANAGAN

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Kamloops–Vernon Highway, Okanagan Indian Reserve No. 1–Vernon section (Project No. 864) | $665.15 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | $665.15 | |
| Total expenditure, North Okanagan District | | | $665.15 |

SOUTH OKANAGAN

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Kelowna–Postill section (Project No. 863) | $22,535.19 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $22,535.19 | |
| Total expenditure, South Okanagan District | | | 22,535.19 |

OMINECA (EAST)

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Northern Trans-Provincial Highway from Vanderhoof westerly, 17 miles in length (Project No. 864) | $3,072.29 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | $3,072.29 | |
| Total expenditure, Omineca District (East) | | | 3,072.29 |

OMINECA (WEST)

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Perow–Houston (Project No. 863) | $42,496.11 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $42,496.11 | |
| Total expenditure, Omineca District (West) | | | 42,496.11 |

PEACE RIVER SOUTH

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Pouce Coupe–Alberta Boundary Highway, Pouce Coupe–Dawson Creek section (Project No. 863) | $6,417.56 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $6,417.56 | |
| Total expenditure, Peace River South District | | | 6,417.56 |

REVELSTOKE

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Surveys*

| | | | |
|---|---|---|---|
| Revelstoke–Golden, Mile 476.6 to Mile 563.0, Griffith–Golden section (Project No. 868) | $42,464.88 | | |
| Revelstoke–Golden, Mile 476.6 to Mile 563.0, Revelstoke–Flat Creek section (Project No. 868) | 43,266.43 | | |
| Sicamous–Revelstoke, Mile 430.28 to Mile 476.61 (Project No. 868) | 28,758.68 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Surveys | | $114,489.99 | |

LOCATION ENGINEER—*Continued*

REVELSTOKE—*Continued*

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Trans-Canada Highway through Albert Flat Indian Reserve (Project No. 864) | $225.00 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | $225.00 | |
| Total expenditure, Revelstoke District | | | $114,714.99 |

ROSSLAND-TRAIL

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Castlegar–Meadows Siding (Project No. 863) | $805.97 | | |
| Trail City and approaches (Project No. 863) | 201.05 | | |
| West Robson–Celgar Plant (Project No. 863) | 454.76 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $1,461.78 | |

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Schofield Highway, C.P.R. Underpass, Village of Warfield (Project No. 864) | $983.20 | | |
| Affleck's Corner–Fruitvale (Project No. 864) | 5,949.85 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | 6,933.05 | |
| Total expenditure, Rossland-Trail District | | | 8,394.83 |

SALMON ARM

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Trans-Canada Highway, Chase–Sorrento (Project No. 864) | $69.60 | | |
| Glen Echo Camp (Project No. 864) | 689.43 | | |
| Trans-Canada Highway, Sorrento–Balmoral–Salmon Arm section (Project No. 864) | 9,174.58 | | |
| Switzemalph Indian Reserve No. 6 (Project No. 864) | 506.30 | | |
| Tappen Siding Indian Reserve No. 5 (Project No. 864) | 3,347.12 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | $13,787.03 | |
| Total expenditure, Salmon Arm District | | | 13,787.03 |

SIMILKAMEEN

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Okanagan Highway, Penticton By-pass (Project No. 863) | $1,345.85 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $1,345.85 | |

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Oliver Highway through Penticton Indian Reserve No. 1 (Project No. 864) | $198.80 | | |
| Princeton–Merritt Highway, from Princeton northerly, 17.5 miles in length (Project No. 864) | 4,524.47 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | 4,723.27 | |
| Total expenditure, Similkameen District | | | 6,069.12 |

LOCATION ENGINEER—*Continued*

SKEENA (WEST)

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Terrace–Kitimat Highway (Project No. 863) | $134.35 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $134.35 | |
| Total expenditure, Skeena District (West) | | | $134.35 |

NORTH VANCOUVER

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Horseshoe Bay–Second Narrows (Project No. 863) | $5,694.27 | | |
| Horseshoe Bay Overhead (Project No. 863) | 6,282.99 | | |
| Lions Gate Bridge–Second Narrows Bridge (Upper Levels) (Project No. 863) | 3,156.21 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | $15,133.47 | |

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Taylor Way–Second Narrows Bridge (Project No. 864) | $201.00 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | 201.00 | |
| Total expenditures, North Vancouver District | | | 15,334.47 |

YALE

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Surveys*

| | | | |
|---|---|---|---|
| Bell Crossing–Alexandra Lodge, Mile 183.90 to Mile 196.26 (Project No. 868) | $9.89 | | |
| Boston Bar–Jackass Mountain, Mile 208.90 to Mile 226.12 (Project No. 868) | 1,415.86 | | |
| Kanaka Creek–Lytton, Mile 229.43 to Mile 237.50 (Project No. 868) | 3,476.73 | | |
| Lytton–Spences Bridge, Mile 237.50 to Mile 262.19 (Project No. 868) | 3,239.70 | | |
| Tunnels–Boston Bar, Mile 199.85 to Mile 208.9 (Project No. 868) | 36,816.94 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Surveys | | $44,959.12 | |

*Capital Expenditure: Vote 340 (b)—General Highways, Surveys*

| | | | |
|---|---|---|---|
| Spences Bridge–Merritt (Project No. 863) | $31,452.10 | | |
| Total, Vote 340 (*b*)—General Highways, Surveys | | 31,452.10 | |

*Capital Expenditure: Vote 340 (b)—General Highways, Legal Surveys*

| | | | |
|---|---|---|---|
| Trans-Canada Highway through Indian Reserves Buctum No. 4, Sam Adams No. 12, Tsawawamuck No. 1, Klakamich No. 17, Kilickkumcheen No. 18, and Klickkumcheen No. 16A (Project No. 864) | $3,190.92 | | |
| Total, Vote 340 (*b*)—General Highways, Legal Surveys | | 3,190.92 | |
| Total expenditure, Yale District | | | 79,602.14 |
| Grand total, Location Engineer | | | $1,301,584.80 |

## RIGHT-OF-WAY AGENT

### Burnaby

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Lougheed Highway—widening of reconstruction, Boundary Road to North Road (Project No. 865) | $34,693.28 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | $34,693.28 | |
| Total expenditure, Burnaby District | | | $34,693.28 |

### Cariboo (North)

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Cariboo Highway, Lot 3182 to Canyon Creek (Project No. 865) (Credit) | *$310.00* | | |
| Cariboo Highway, Cottonwood River to Strathnaver (Project No. 865) | 662.25 | | |
| Connection, Naver Creek Forest Road to Project No. 754 (Cottonwood River–Strathnaver) (Project No. 865) | 150.00 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | $502.25 | |
| Total expenditure, Cariboo District (North) | | | 502.25 |

### Fort George and Cariboo (North)

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Cariboo Highway, Canyon Creek–Cale Creek (Project No. 865) | $2,191.25 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | $2,191.25 | |
| Total expenditure, Fort George and Cariboo (North) Districts | | | 2,191.25 |

### Cariboo (South)

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Cariboo Highway, 150 Mile House–Williams Lake (Project No. 865) (Credit) | *$185.00* | | |
| Cariboo Highway, Alkali Lake Indian Reserve No. 7 (Project No. 865) | 25.00 | | |
| Horsefly Lake Road (Project No. 865) | 1,000.00 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | $840.00 | |
| Total expenditure, Cariboo District (South) | | | 840.00 |

### Chilliwack

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Rights-of-way*

| | | | |
|---|---|---|---|
| Cheam Creek–Twin Bridges section, Mile 145.31 to Mile 147.40 (Project No. 869) | $75.00 | | |
| Twin Bridges–Lorenzetti Creek section, Mile 148.21 to Mile 154 (Project No. 869) | 442.00 | | |
| Vedder River–Chilliwack section, Mile 124.72 to Mile 135.03 (Project No. 869) | 47,042.58 | | |
| Chilliwack–Cheam Creek section, Mile 135.03 to Mile 144.28 (Project No. 869) | 142,929.25 | | |
| Abbotsford–Mount Lehman section, Mile 107.54 to Mile 113.60 (Project No. 869) | 253,151.08 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Rights-of-way | | $443,639.91 | |
| Total expenditure, Chilliwack District | | | 443,639.91 |

RIGHT-OF-WAY AGENT—*Continued*

COLUMBIA

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Rights-of-way*

| | | | |
|---|---|---|---|
| Golden–Donald section, Mile 654.79 to Mile 668.67 (Project No. 869) | $16,062.50 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Rights-of-way | | $16,062.50 | |

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Kootenay–Columbia Highway, Sinclair Canyon to Lot 9009 (Project No. 865) | $45.00 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | 45.00 | |
| Total expenditure, Columbia District | | | $16,107.50 |

COMOX

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Island Highway, Union Bay revision (Project No. 865) | $20,000.00 | | |
| Island Highway, Sandwick revision (Project No. 865) | 420.00 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | $20,420.00 | |
| Total expenditure, Comox District | | | 20,420.00 |

COWICHAN-NEWCASTLE

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Rights-of-way*

| | | | |
|---|---|---|---|
| Nanaimo–Ladysmith Section 2, Mile 57.43 to Mile 62.28 (Project No. 869) | $1,185.00 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Rights-of-way | | $1,185.00 | |
| Total expenditure, Cowichan-Newcastle District | | | 1,185.00 |

ESQUIMALT AND COWICHAN-NEWCASTLE

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Rights-of-way*

| | | | |
|---|---|---|---|
| Cowichan Bay Road, Koksilah, Mile 29.18 to Mile 35.23 (Project No. 869) | $104.00 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Rights-of-way | | $104.00 | |
| Total expenditure, Esquimalt and Cowichan-Newcastle Districts | | | 104.00 |

CRANBROOK

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Southern Trans-Provincial Highway, Curzon Overhead Crossing and approaches (Project No. 865) | $90.00 | | |
| Southern Trans-Provincial Highway, Lot 2798–Moyie (Project No. 865) | 150.00 | | |
| Southern Trans-Provincial Highway, Irishman Creek–Aldridge (Project No. 865) | 250.00 | | |
| Southern Trans-Provincial Highway, Goatfell–Curzon Junction (Project No. 865) | 61.50 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | $551.50 | |
| Total expenditure, Cranbrook District | | | 551.50 |

RIGHT-OF-WAY AGENT—*Continued*

DELTA

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Vancouver–Blaine Highway (Project No. 865) | $241,608.80 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | $241,608.80 | |
| Total expenditure, Delta District | | | $241,608.80 |

DEWDNEY

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Rights-of-way*

| | | | |
|---|---|---|---|
| Burnaby Lake Freeway, no mileage established (Project No. 869) | $39,944.00 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Rights-of-way | | $39,944.00 | |

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Maillardville–Coquitlam Highway (Project No. 865) | $13,500.00 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | 13,500.00 | |
| Total expenditure, Dewdney District | | | 53,444.00 |

ESQUIMALT

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Rights-of-way*

| | | | |
|---|---|---|---|
| First section, Victoria outlet, Mile 0 to Mile 3.98 (Project No. 869) (Credit) | *$160.00* | | |
| Cobble Hill–Cowichan Bay Road, Mile 25.44 to Mile 29.18 (Project No. 869) | 52.00 | | |
| Malahat Chalet–Mill Bay section, Mile 15.21 to Mile 23.97 (Project No. 869) | 290.80 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Rights-of-way | | $182.80 | |
| Total expenditure, Esquimalt District | | | 182.80 |

FERNIE

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Elko–Roosville Highway, Elko–Roosville section (Project No. 865) | $1,554.00 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | $1,554.00 | |
| Total expenditure, Fernie District | | | 1,554.00 |

FORT GEORGE

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| John Hart Highway, Nechako River Bridge at Prince George (Project No. 865) | $69,425.00 | | |
| Northern Trans-Provincial Highway, Blackwater Road–Sweden Creek (Project No. 865) | 532.20 | | |
| Northern Trans-Provincial Highway, Tabor Lake–Willow River (Project No. 865) | 962.00 | | |
| Cariboo Highway, Prince George By-pass | 33,875.00 | | |

RIGHT-OF-WAY AGENT—*Continued*

FORT GEORGE—*Continued*

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*—Continued

| | | | |
|---|---|---|---|
| John Hart Highway—purchase of gravel-pit 1 mile north of Prince George (Project No. 865) | $1,200.00 | | |
| Fraser River Bridge at Prince George (Project No. 865) | 19,000.00 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | $124,994.20 | |
| Total expenditure, Fort George District | | | $124,994.20 |

GRAND FORKS-GREENWOOD

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Southern Trans-Provincial Highway, Christina Lake to Lot 2827 (S.) (Project No. 865) | $5,087.70 | | |
| Total, Vote 340(*b*)—General Highways, Rights-of-way | | $5,087.70 | |
| Total expenditure, Grand Forks-Greenwood District | | | 5,087.70 |

KAMLOOPS

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Rights-of-way*

| | | | |
|---|---|---|---|
| Thompson River Bridge at Savona, Mile 314.14 (Project No. 869) | $135.00 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Rights-of-way | | $135.00 | |

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| North Thompson Highway, Fishtrap Canyon–Barriere section (Project No. 865) | $31,106.20 | | |
| Tranquille Highway, North Kamloops By-pass (Project No. 865) | 3,797.00 | | |
| North Thompson Highway, Little Fort section (Project No. 865) (Credit) | *1,000.00* | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | 33,903.20 | |
| Total expenditure, Kamloops District | | | 34,038.20 |

LILLOOET

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Lytton–Lillooet Highway (Project No. 865) | $1,896.00 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | $1,896.00 | |
| Total expenditure, Lillooet District | | | 1,896.00 |

NELSON-CRESTON

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Southern Trans-Provincial Highway, Sanca Creek Bridge (Project No. 865) | $774.00 | | |
| Creston–Salmo Highway, Creston Flats–Summit Creek (Project No. 865) | 5,120.80 | | |
| Southern Trans-Provincial Highway, Summit Lake to junction of Highway No. 6, Section No. 1, Salmo–Creston Cut-off 3A (Project No. 865) | 1,026.50 | | |

RIGHT-OF-WAY AGENT—*Continued*

NELSON-CRESTON—*Continued*

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*—Continued

| | | | |
|---|---|---|---|
| Southern Trans-Provincial Highway, South Slocan (Project No. 865) | $25,219.55 | | |
| Nelson Bridge (Project No. 865) | 1.00 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | $32,141.85 | |
| Total expenditure, Nelson-Creston District | | | $32,141.85 |

NORTH OKANAGAN

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Grindrod Bridge (Project No. 865) | $265.00 | | |
| North Okanagan Highway, Oyama to north boundary of Section 31, Township 10 (Project No. 865) | 3,100.52 | | |
| Kamloops–Vernon Highway, Okanagan Highway widening (Project No. 865) | 14,547.00 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | $17,912.52 | |
| Total expenditure, North Okanagan District | | | 17,912.52 |

SOUTH OKANAGAN

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Okanagan Highway, Powers Creek section (Project No. 865) | $1,822.00 | | |
| Okanagan Highway, Trout Creek–West Summerland (Project No. 865) | 370.00 | | |
| Okanagan Highway, Harvey Avenue extension (Project No. 865) | 7,500.00 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | $9,692.00 | |
| Total expenditure, South Okanagan District | | | 9,692.00 |

OMINECA (WEST)

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Northern Trans-Provincial Highway, Tintagel–Burns Lake (Project No. 865) | $12,626.20 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | $12,626.20 | |
| Total expenditure, Omineca District (West) | | | 12,626.20 |

PEACE RIVER SOUTH

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Dawson Creek–Alberta Boundary Highway, Pouce Coupe–Alberta Boundary section (Project No. 865) | $14,340.94 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | $14,340.94 | |
| Total expenditure, Peace River South District | | | 14,340.94 |

RIGHT-OF-WAY AGENT—*Continued*

REVELSTOKE

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Rights-of-way*

| | | | |
|---|---|---|---|
| Three Valley Lake west, Mile 462.11 to Mile 463.43 (Project No. 869) | $6,466.00 | | |
| Craigellachie–Kay Falls, Kay Falls–Twin Bridges, Mile 447.03 to Mile 453.80 and Mile 454.30 to Mile 460.33 (Project No. 869) | 23,949.50 | | |
| Greely–Clachnacudainn Creek section, Mile 482.55 to Mile 487.22 (Project No. 869) | 163.50 | | |
| Revelstoke–Greely section, Mile 477.61 to Mile 482.55 (Project No. 869) | 9,789.30 | | |
| Columbia River Bridge at Revelstoke, Mile 476.61 (Project No. 869) | 1,548.00 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Rights-of-way | | $41,916.30 | |
| Total expenditure, Revelstoke District | | | $41,916.30 |

ROSSLAND-TRAIL

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Southern Trans-Provincial Highway, Castlegar–Sheep Lake Section 1 (Project No. 865) | $136.50 | | |
| Southern Trans-Provincial Highway, Trail Bridge approach (Project No. 865) | 7,500.00 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | $7,636.50 | |
| Total expenditure, Rossland-Trail District | | | 7,636.50 |

SAANICH

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Victoria–Patricia Bay Highway, Section 1 (Project No. 865) | $75.00 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | $75.00 | |
| Total expenditure, Saanich District | | | 75.00 |

SALMON ARM

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Rights-of-way*

| | | | |
|---|---|---|---|
| Tappen–Salmon River section, Mile 402.76 to Mile 407.49 (Project No. 869) | $646.71 | | |
| Sorrento–Balmoral section, Mile 388.31 to Mile 397.08 (Project No. 869) | 3,201.00 | | |
| Chase–Sorrento section, Mile 379.83 to Mile 384.38 and Mile 385.61 to Mile 388.31 (Project No. 869) | 312.00 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Rights-of-way | | $4,159.71 | |

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Hobbs Creek drainage (easement) (Project No. 865) | $3.00 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | 3.00 | |
| Total expenditure, Salmon Arm District | | | 4,162.71 |

RIGHT-OF-WAY AGENT—*Continued*

SIMILKAMEEN

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Okanagan Highway, Kaleden–Skaha Lake (Project No. 865) | $9,196.60 | | |
| Okanagan Highway, Penticton Indian Reserve No. 1 (Project No. 865) | 73.00 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | $9,269.60 | |
| Total expenditure, Similkameen District | | | $9,269.60 |

SKEENA (EAST)

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Revision of approaches to bridge over Kispiox River (Project No. 865) | $999.00 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | $999.00 | |
| Total expenditure, Skeena District (East) | | | 999.00 |

NORTH VANCOUVER

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Rights-of-way*

| | | | |
|---|---|---|---|
| Upper Levels–Twenty-fifth Street project in North Vancouver, no mileage established (Project No. 869) | $396,939.60 | | |
| Upper Levels Highway, Horseshoe Bay–Lions Gate Bridge, Lot 558 to Taylor Way, Mile 58.80 to Mile 62.58 (Project No. 869) | 2,689.50 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Rights-of-way | | $399,629.10 | |

*Capital Expenditure: Vote 340 (b)—General Highways, Rights-of-way*

| | | | |
|---|---|---|---|
| Horseshoe Bay–Squamish Highway, Section 1 (Project No. 865) | $350.00 | | |
| Horseshoe Bay–Squamish Highway, Alberta Boundary–Porteau section (Project No. 865) | 750.00 | | |
| Marine Drive and Taylor Way, West Vancouver (Project No. 865) | 7,935.70 | | |
| Marine Drive, West Vancouver, Capilano River to Thirteenth Street (Project No. 865) | 4,152.00 | | |
| Total, Vote 340 (*b*)—General Highways, Rights-of-way | | 13,187.70 | |
| Total expenditure, North Vancouver District | | | 412,816.80 |

YALE

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Rights-of-way*

| | | | |
|---|---|---|---|
| Nine Mile Creek–Boothroyd Flats, Mile 215.47 to Mile 217.41 (Project No. 869) | $576.00 | | |
| Lytton–Tank Hill, Mile 237.50 to Mile 246.60 (Project No. 869) | 5,773.50 | | |
| Spuzzum Creek section, Mile 189.67 to Mile 193.46 (Project No. 869) | 42.40 | | |
| Saddle Rock to C.P.R. Overhead, Mile 188.44 to Mile 189.75 (Project No. 869) | 6,564.50 | | |
| Boothroyd–Jackass Mountain, Mile 217.41 to Mile 225.49 (Project No. 869) | 8,805.75 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Rights-of-way | | $21,762.15 | |
| Total expenditure, Yale District | | | 21,762.15 |
| Grand total, Right-of-way Agent | | | $1,568,391.96 |

## CONSTRUCTION ENGINEER

### ATLIN (NORTH)

*Capital Expenditure: Vote 344—Mining-roads*

| | | | |
|---|---|---|---|
| Cassiar Road, Sawmill Point—Hotel Creek (Project No. 883) | $248,459.33 | | |
| Total, Vote 344—Mining-roads | | $248,459.33 | |
| Total expenditure, Atlin District (North) | | | $248,459.33 |

### ALBERNI

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| Alberni–Tofino Highway, Kennedy River section (Project No. 886) | $220,201.59 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | $220,201.59 | |
| Total expenditure, Alberni District | | | 220,201.59 |

### BURNABY

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Roads*

| | | | |
|---|---|---|---|
| Burnaby Lake Freeway section, mileage not established (Project No. 885) | $233,774.77 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Roads | | $233,774.77 | |

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| Widening and reconstruction, Lougheed Highway, Boundary Road–North Road (Project No. 790) | $809,465.15 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | 809,465.15 | |
| Total expenditure, Burnaby District | | | 1,043,239.92 |

### CARIBOO (NORTH)

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| Cariboo Highway, Quesnel–Cottonwood River section (Project No. 617) | $101,716.41 | | |
| Cariboo Highway, Lot 3182 to Canyon Creek (Project No. 621) | 250.00 | | |
| Cariboo Highway, Cottonwood River–Strathnaver section (Project No. 754) | 1,002,524.85 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | $1,104,491.26 | |
| Total expenditure, Cariboo District (North) | | | 1,104,491.26 |

### CARIBOO (NORTH) AND FORT GEORGE

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| Cariboo Highway, Canyon Creek–Cale Creek section (Project No. 755) | $1,094,466.91 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | $1,094,466.91 | |
| Total expenditure, Cariboo (North) and Fort George Districts | | | 1,094,466.91 |

CONSTRUCTION ENGINEER—*Continued*

CHILLIWACK

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Roads*

| | | | |
|---|---|---|---|
| Cheam Creek–Twin Bridges section, Mile 145.31 to Mile 147.40 (Project No. 750) | $144,710.84 | | |
| Twin Bridges–Lorenzetti Creek section, Mile 148.21 to Mile 154.00 (Project No. 753) | 1,018,814.20 | | |
| Vedder River–Chilliwack section, Mile 124.72 to Mile 135.03 (Project No. 807) | 2,522,060.18 | | |
| Chilliwack–Cheam Creek section, Mile 135.03 to Mile 144.28 (Project No. 821) | 888,181.30 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Roads | | $4,573,766.52 | |
| Total expenditure, Chilliwack District | | | $4,573,766.52 |

COLUMBIA

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Roads*

| | | | |
|---|---|---|---|
| Golden–Yoho section, Mile 668.67 to Mile 667.64 (Project No. 398) | $403,596.93 | | |
| Golden–Donald section, Mile 654.79 to Mile 668.67 (Project No. 879) | 265,604.47 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Roads | | $669,201.40 | |

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| Kootenay–Columbia Highway, South Vermilion–Canyon section (Project No. 767) | $200,424.30 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | 200,424.30 | |
| Total expenditure, Columbia District | | | 869,625.70 |

CRANBROOK

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| Southern Trans-Provincial Highway, Lot 2798, Group 1, to Moyie section (Project No. 652) | $438,785.99 | | |
| Southern Trans-Provincial Highway, Irishman Creek–Aldridge (Project No. 688) | 700,000.00 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | $1,138,785.99 | |
| Total expenditure, Cranbrook District | | | 1,138,785.99 |

DELTA

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| Peace Arch–Oak Street (south approaches to Oak Street Bridge) — bridge approaches (four-lane freeway) (Project No. 818) | $550,822.14 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | $550,822.14 | |
| Total expenditure, Delta District | | | 550,822.14 |

CONSTRUCTION ENGINEER—*Continued*

ESQUIMALT

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Roads*

| | | | |
|---|---|---|---|
| Cobble Hill Road–Cowichan Bay Road, Mile 25.44 to Mile 29.18 (Project No. 560) | $15,193.99 | | |
| Arbutus Creek–Malahat Chalet, Mile 11.40 to Mile 15.21 (Project No. 561) | 12,501.38 | | |
| Malahat Chalet–Mill Bay, Mile 15.21 to Mile 23.97 (Project No. 687) | 796,695.20 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Roads | | $824,390.57 | |
| Total expenditure, Esquimalt District | | | $824,390.57 |

ESQUIMALT AND COWICHAN-NEWCASTLE

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Roads*

| | | | |
|---|---|---|---|
| Cowichan Bay Road, Koksilah, Mile 29.16 to Mile 35.21 (Project No. 658) | $11,927.67 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Roads | | $11,927.67 | |
| Total expenditure, Esquimalt and Cowichan-Newcastle Districts | | | 11,927.67 |

FERNIE

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| Elko–Roosville Highway, Elko–Roosville section (Project No. 788) | $2,468,176.29 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | $2,468,176.29 | |
| Total expenditure, Fernie District | | | 2,468,176.29 |

FORT GEORGE

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| Northern Trans-Provincial Highway, Lamming Mills to west boundary, Lot 7064—clearing and grubbing (Project No. 651) | $18,123.90 | | |
| Northern Trans-Provincial Highway, Blackwater Road–Sweden Creek section (Project No. 778) | 725,687.44 | | |
| Northern Trans-Provincial Highway, Lamming Mills west (Project No. 779) | 347,248.63 | | |
| Northern Trans-Provincial Highway, Tabor Lake–Willow River (Project No. 893) | 109,996.43 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | $1,201,056.40 | |
| Total expenditure, Fort George District | | | 1,201,056.40 |

GRAND FORKS-GREENWOOD

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| Southern Trans-Provincial Highway, Christina Lake–Lot 2827 south (Project No. 668) | $495,236.80 | | |
| Southern Trans-Provincial Highway, Christina Creek–Sheep Lake, Section 2 (Project No. 777) | 797,731.58 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | $1,292,968.38 | |
| Total expenditure, Grand Forks-Greenwood District | | | 1,292,968.38 |

CONSTRUCTION ENGINEER—*Continued*

KAMLOOPS

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Roads*

| | | | |
|---|---|---|---|
| Cache Creek–Lemonade Flats, Mile 291.78 to Mile 310.08 (Project No. 648) ..... (Credit) | *$44,861.26* | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Roads ..... (Credit) | | *$44,861.26* | |

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| North Thompson Highway, Heffley Canyon section (Project No. 692) | $150,495.25 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | 150,495.25 | |
| Total expenditure, Kamloops District | | | $105,633.99 |

LILLOOET

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| Horseshoe Bay–Squamish Highway, Porteau–Britannia Beach (Project No. 654) | $250,000.00 | | |
| Horseshoe Bay–Squamish Highway (common) (Project No. 691) | 116,157.79 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | $366,157.79 | |
| Total expenditure, Lillooet District | | | 366,157.79 |

NELSON-CRESTON

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| Creston–Salmo Highway, Creston–Summit Creek section (Project No. 756) | $486,847.90 | | |
| Southern Trans-Provincial Highway, Salmo–Creston Cut-off 3A, Summit Lake to junction of Highway No. 6, Section 1 (Project No. 870) | 308,680.47 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | $795,528.37 | |
| Total expenditure, Nelson-Creston District | | | 795,528.37 |

NEW WESTMINSTER

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Roads*

| | | | |
|---|---|---|---|
| Pattullo Bridge, north approach, Royal Avenue Underpass, Mile 80.00 to Mile 80.14 (Project No. 533) | $18,895.93 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Roads | | $18,895.93 | |
| Total expenditure, New Westminster District | | | 18,895.93 |

NORTH OKANAGAN

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| Okanagan Highway, Oyama to north boundary, Section 31, Township 10 (Project No. 674) | $60,114.52 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | $60,114.52 | |
| Total expenditure, North Okanagan District | | | 60,114.52 |

CONSTRUCTION ENGINEER—*Continued*

SOUTH OKANAGAN

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| Okanagan Highway, Lot 4244–Deep Creek section (Project No. 649) | $44,575.31 | | |
| Okanagan Highway, Deep Creek–Peachland section (Project No. 673) | 9,473.33 | | |
| Okanagan Highway, Powers Creek revision (Project No. 809) | 178,723.99 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | $232,772.63 | |
| Total expenditure, South Okanagan District | | | $232,772.63 |

OMINECA (WEST)

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| Northern Trans-Provincial Highway, Tintagel–Burns Lake (Project No. 882) | $210,942.53 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | $210,942.53 | |
| Total expenditure, Omineca District (West) | | | 210,942.53 |

PEACE RIVER SOUTH

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| Dawson Creek–Alberta Boundary Highway, Pouce Coupe–Alberta Boundary section (Project No. 881) | $425,957.26 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | $425,957.26 | |
| Total expenditure, Peace River South District | | | 425,957.26 |

REVELSTOKE

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Roads*

| | | | |
|---|---|---|---|
| Revelstoke Park Gate east, Mile 478.74 to Mile 481.66 (Project No. 542) | $128,473.32 | | |
| Three Valley Lake west, Mile 462.11 to Mile 463.43 (Project No. 813A) | 363,438.54 | | |
| Victor Lake–Summit Lake section, Mile 465.41 to Mile 468.18 (Project No. 813B) | 615,270.16 | | |
| Craigellachie–Kay Falls, Twin Bridges, Mile 447.03 to Mile 453.80 and Mile 454.30 to Mile 460.33 (Project No. 819) | 898,099.11 | | |
| Greely–Clachnacudainn Creek section, Mile 482.55 to Mile 487.22 (Project No. 880) | 410,774.33 | | |
| Revelstoke–Greely section, Mile 477.61 to Mile 482.55 (Project No. 890) | 151,690.60 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Roads | | $2,567,746.06 | |
| Total expenditure, Revelstoke District | | | 2,567,746.06 |

CONSTRUCTION ENGINEER—*Continued*

ROSSLAND-TRAIL

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| Southern Trans-Provincial Highway, Castlegar–Sheep Lake, Section 1 (Project No. 776) | $931,923.18 | | |
| Southern Trans-Provincial Highway, Castlegar–Sheep Lake, Section 2 (Project No. 878) | 160,384.45 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | $1,092,307.63 | |
| Total expenditure, Rossland-Trail District | | | $1,092,307.63 |

SALMON ARM

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Roads*

| | | | |
|---|---|---|---|
| Sorrento–Balmoral section, Mile 388.31 to Mile 397.08 (Project No. 612) | $2,688.53 | | |
| Chase–Sorrento section, Mile 379.83 to Mile 384.38 and Mile 385.61 to Mile 388.31 (Project No. 789) | 1,274,925.72 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Roads | | $1,277,614.25 | |
| Total expenditure, Salmon Arm District | | | 1,277,614.25 |

SKEENA (WEST)

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| Terrace–Kitimat Highway, Lakelse–Kitimat River section (Project No. 629) | $453,434.89 | | |
| Terrace–Kitimat Highway, Kitimat Crossing–Kitimat Townsite—clearing and grubbing (Project No. 643) | 119,789.28 | | |
| Terrace–Kitimat Highway, Kitimat River–Kitimat section (Project No. 693) | 1,712,596.63 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | $2,285,820.80 | |
| Total expenditure, Skeena District (West) | | | 2,285,820.80 |

NORTH VANCOUVER

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Roads*

| | | | |
|---|---|---|---|
| Upper Levels Highway, Horseshoe Bay–Lions Gate Bridge, Horseshoe Bay–Project 539 section, Mile 54.68 to 55.97 (Project No. 622) | $50,000.00 | | |
| Upper Levels Highway, Horseshoe Bay–Lions Gate Bridge, Lot 558 to Taylor Way, Mile 58.80 to Mile 62.58 (Project No. 657) | 141,830.18 | | |
| Upper Levels Highway, Horseshoe Bay–Lions Gate Bridge section—gravelling from Horseshoe Bay to Taylor Way, Mile 54.68 to Mile 62.58 (Project No. 806) | 229,938.05 | | |
| Horseshoe Bay–Taylor Way—guard-rail, Mile 54.68 to Mile 62.58 (Project No. 896) | 69,285.32 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Roads | | $491,053.55 | |

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| Horseshoe Bay–Squamish Highway, Section 1 (Project No. 552) | $1,084,292.72 | | |
| Horseshoe Bay–Squamish Highway, Alberta Boundary–Porteau section (Project No. 644) | 1,668,700.00 | | |
| Lions Gate Bridge, north approach (Project No. 676) | 5,504.42 | | |

CONSTRUCTION ENGINEER—*Continued*

NORTH VANCOUVER—*Continued*

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*—Continued

| | | | |
|---|---|---|---|
| Marine Drive and Taylor Way, West Vancouver (Project No. 895) | $348,703.33 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | $3,107,200.47 | |
| Total expenditure, North Vancouver District | | | $3,598,254.02 |

YALE

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Roads*

| | | | |
|---|---|---|---|
| Tank Hill and Tank Creek Underpass, Mile 246.60 to Mile 247.51 and Mile 246.91 (Project No. 554) | $867,247.23 | | |
| Salkel Flats–Nine Mile Canyon, Mile 212.83 to Mile 215.33 (Project No. 625) | 88,826.90 | | |
| Nine Mile Creek–Boothroyd Flats, Mile 215.47 to Mile 217.41 (Project No. 647) | 156,072.74 | | |
| American Creek–Yale, Mile 177.47 to Mile 178.91 (Project No. 685) | 3,813.28 | | |
| Boston Bar–Salkel Flats section, Mile 210.08 to Mile 212.83 (Project No. 694) | 772,650.75 | | |
| Spences Bridge–Tank Hill, Mile 247.59 to Mile 260.98 (Project No. 760) | 3,114,265.71 | | |
| Lytton–Tank Hill, Mile 237.50 to Mile 246.60 (Project No. 762) | 1,605,487.40 | | |
| Spuzzum Creek section, Mile 189.67 to Mile 193.45 (Project No. 764) | 398,662.39 | | |
| Tunnels–Robbins Creek, Mile 199.98 to Mile 202.59 (Project No. 791) | 2,730.00 | | |
| Bell Crossing–Saddle Rock, Mile 183.90 to Mile 188.52 (Project No. 792) | 1,735,858.10 | | |
| Fraser River Crossing at Alexandra Lodge, Mile 193.17 to Mile 195.67 (Project No. 874) | 225,195·36 | | |
| Saddle Rock to C.P.R. Overhead, Mile 188.44 to Mile 189.75 (Project No. 892) | 333,602.58 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Roads | | $9,304,412.44 | |
| Total expenditure, Yale District | | | 9,304,412.44 |

GENERAL

*Capital Expenditure: Vote 340 (b)—General Highways, Roads*

| | | | |
|---|---|---|---|
| Street-lighting, traffic signals, south approaches of Oak Street Bridge and approaches of Middle Arm Bridge (Traffic Branch) (Project No. 877) | $140,000.00 | | |
| Channelization, traffic signals, and lighting (Traffic Branch) (Project No. 894) | 59,503.33 | | |
| Metropolitan planning, Vancouver Highway (Project No. 899) | 50,199.06 | | |
| Total, Vote 340 (*b*)—General Highways, Roads | | $249,702.39 | |
| Total expenditure, General | | | $249,702.39 |
| Grand total, Construction Engineer | | | $39,234,239.28 |

## BRIDGE ENGINEER

### BRIDGES

#### General

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Steel and pre-cast concrete stringer units, drilling, test piles, etc., for highway bridges (Project No. 22) | $424,075.28 | | |
| Bridge design and engineering services for Projects Nos. 262, 255, 280, 253, 246, 254, etc. (Project No. 281) | 228,029.89 | | |
| Total, Vote 340 (*c*)—Bridges | | $652,105.17 | |
| Total expenditure, General | | | $652,105.17 |

#### Cariboo (North)

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Cariboo Highway, P.G.E. Underpass at Station 529 and P.G.E. Underpass at Station 716 (Project No. 196) | $75,316.01 | | |
| Baker Creek Bridge, Fraser Road, Quesnel (Project No. 202) | 1,890.27 | | |
| Cariboo Highway, Cottonwood River Bridge (Project No. 213) | 166,400.00 | | |
| Total, Vote 340 (*c*)—Bridges | | $243,606.28 | |
| Total expenditure, Cariboo District (North) | | | 243,606.28 |

#### Cariboo (North) and Fort George

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Cariboo Highway, P.G.E. Overhead Crossing (part), Canyon Creek Bridge, Hixon Creek Bridge, Ahbau Creek Bridge, and Stone Creek Bridge (Project No. 198) | $362,500.00 | | |
| Cariboo Highway, P.G.E. Underpass at Station 507 and P.G.E. Underpass at Station 762 (Project No. 221) | 307,981.01 | | |
| Total, Vote 340 (*c*)—Bridges | | $670,481.01 | |
| Total expenditure, Cariboo (North) and Fort George Districts | | | 670,481.01 |

#### Columbia

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Bridges*

| | | | |
|---|---|---|---|
| Park and Mount Hunter Bridges (Miles 677.64, 677.82, and 677.79 to 681.15 (approaches)) (Project No. 113) | $103,797.53 | | |
| Yoho Bridge, Mile 674.86 (Project No. 143) | 73,388.91 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Bridges | | $177,186.44 | |
| Total expenditure, Columbia District | | | 177,186.44 |

#### Comox

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Condensery Bridge (Project No. 218) | $7,673.93 | | |
| Total, Vote 340 (*c*)—Bridges | | $7,673.93 | |
| Total expenditure, Comox District | | | 7,673.93 |

BRIDGE ENGINEER—*Continued*

CRANBROOK

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Cranbrook East Overhead (Project No. 174) | $743.75 | | |
| Springbrook Bridge (Project No. 187) | 121,806.53 | | |
| Peavine Creek Bridge (Project No. 219) | 19,305.53 | | |
| Southern Trans-Provincial Highway, Curzon Overhead Crossing and approaches (Project No. 222) | 285,311.84 | | |
| Southern Trans-Provincial Highway, Irishman Creek Bridge (Project No. 258) | 55,310.82 | | |
| Total, Vote 340 (*c*)—Bridges | | $482,478.47 | |
| Total expenditure, Cranbrook District | | | $482,478.47 |

DELTA

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Bridges*

| | | | |
|---|---|---|---|
| Fraser River crossing at Port Mann, no mileage established (Project No. 267) | $200,238.11 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Bridges | | $200,238.11 | |
| Total expenditure, Delta District | | | 200,238.11 |

DEWDNEY

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Pitt River Bridge (Project No. 171) | $568,929.24 | | |
| Harrison River Bridge (Project No. 175) | 283,500.00 | | |
| Fraser Valley bridges—Kanaka Creek (part), Silver Creek, Deroche, Dewdney, and Pumphouse Creek Bridges and Chilkithan Slough (Fort Langley Bridge) (Project No. 204) | 241,113.12 | | |
| Total, Vote 340 (*c*)—Bridges | | $1,093,542.36 | |
| Total expenditure, Dewdney District | | | 1,093,542.36 |

ESQUIMALT

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Bridges*

| | | | |
|---|---|---|---|
| Malahat Overhead Crossing at Station 530, Malahat–Mill Bay section, Mile 21.47 (Project No. 232) | $35,966.09 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Bridges | | $35,966.09 | |
| Total expenditure, Esquimalt District | | | 35,966.09 |

FORT GEORGE

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Nechako River Bridge, Prince George (Project No. 211) | $983,931.10 | | |
| Fraser River Bridge, Prince George (Project No. 212) | 9,000.00 | | |
| Northern Trans-Provincial Highway, Willow River Bridge (Project No. 265) | 113,562.45 | | |
| Northern Trans-Provincial Highway, Chilako (Mud) River Bridge (Project No. 266) | 78,179.12 | | |
| Total, Vote 340 (*c*)—Bridges | | $1,184,672.67 | |
| Total expenditure, Fort George District | | | 1,184,672.67 |

BRIDGE ENGINEER—*Continued*

GRAND FORKS-GREENWOOD

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Yale Bridge, Grand Forks (Project No. 200) | $116,271.13 | | |
| Total, Vote 340 (*c*)—Bridges | | $116,271.13 | |
| Total expenditure, Grand Forks-Greenwood District | | | $116,271.13 |

KAMLOOPS

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Bridges*

| | | | |
|---|---|---|---|
| C.N.R. Overhead Crossing at Savona, Mile 314.02 (Project No. 259) | $90,760.28 | | |
| Thompson River Bridge at Savona, Mile 314.14 (Project No. 260) | 397,745.04 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Bridges | | $488,505.32 | |

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Kamloops West Bridge—preliminary design for reconstruction (Project No. 240) | $3,500.00 | | |
| Sidewalk for Ashcroft Bridge over Thompson River (Project No. 263) | 36,379.50 | | |
| North Thompson Highway, Barriere River Bridge (Project No. 268) | 122,094.98 | | |
| Total, Vote 340 (*c*)—Bridges | | 161,974.48 | |
| Total expenditure, Kamloops District | | | 650,479.80 |

KASLO-SLOCAN

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Nelson–Kaslo Highway, Woodbury Creek Bridge—preliminary investigation (Project No. 257) | $86,489.89 | | |
| Total, Vote 340 (*c*)—Bridges | | $86,489.89 | |
| Total expenditure, Kaslo-Slocan District | | | 86,489.89 |

LILLOOET

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Furry Creek Bridge (Project No. 231) | $101,395.39 | | |
| Total, Vote 340 (*c*)—Bridges | | $101,395.39 | |
| Total expenditure, Lillooet District | | | 101,395.39 |

MACKENZIE

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Mission Creek Bridge No. 2, Gibsons–Sechelt Road (Project No. 239) | $91,752.77 | | |
| Total, Vote 340 (*c*)—Bridges | | $91,752.77 | |
| Total expenditure, Mackenzie District | | | 91,752.77 |

NELSON-CRESTON

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Southern Trans-Provincial Highway, Pass Creek Bridge (Project No. 203) | $36,373.92 | | |
| Southern Trans-Provincial Highway, Sanca Creek Bridge —preliminary investigation (Project No. 217) | 171,200.00 | | |

BRIDGE ENGINEER—*Continued*

NELSON-CRESTON—*Continued*

*Capital Expenditure: Vote 340 (c)—Bridges*—Continued

| | | | |
|---|---|---|---|
| Old Kootenay Channel Bridge on Summit Creek–Creston section of the Southern Trans-Provincial Highway (Project No. 238) | $399,538.06 | | |
| Total, Vote 340 (*c*)—Bridges | | $607,111.98 | |
| Total expenditure, Nelson-Creston District | | | $607,111.98 |

NEW WESTMINSTER

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Queensborough Bridge (Project No. 229) | $22,760.82 | | |
| Total, Vote 340 (*c*)—Bridges | | $22,760.82 | |
| Total expenditure, New Westminster District | | | 22,760.82 |

NORTH OKANAGAN

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Grindrod–Sicamous Highway, Grindrod Bridge (Project No. 270) | $256,335.07 | | |
| Total, Vote 340 (*c*)—Bridges | | $256,335.07 | |
| Total expenditure, North Okanagan District | | | 256,335.07 |

SOUTH OKANAGAN

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Ellison Overhead Crossing (Project No. 241) | $111,813.80 | | |
| Total, Vote 340 (*c*)—Bridges | | $111,813.80 | |
| Total expenditure, South Okanagan District | | | 111,813.80 |

OMINECA (EAST)

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Engen Overhead Crossing (Project No. 220) | $76,843.64 | | |
| Total, Vote 340 (*c*)—Bridges | | $76,843.64 | |
| Total expenditure, Omineca District (East) | | | 76,843.64 |

OMINECA (WEST)

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Pleasant Valley bridges (Project No. 161) | $3,964.49 | | |
| Burns Lake Trestle (Project No. 199) | 155,415.93 | | |
| Bulkley River Bridge at Telkwa (Project No. 207) | 78,635.21 | | |
| Total, Vote 340 (*c*)—Bridges | | $238,015.63 | |
| Total expenditure, Omineca District (West) | | | 238,015.63 |

PEACE RIVER NORTH

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Beatton River Bridge (Project No. 208) | $149,694.38 | | |
| Total, Vote 340 (*c*)—Bridges | | $149,694.38 | |
| Total expenditure, Peace River North District | | | 149,694.38 |

BRIDGE ENGINEER—*Continued*

PRINCE RUPERT

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| McClymont Bridge (Project No. 226) | $128,922.08 | | |
| Total, Vote 340 (*c*)—Bridges | | $128,922.08 | |
| Total expenditure, Prince Rupert District | | | $128,922.08 |

REVELSTOKE

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Bridges*

| | | | |
|---|---|---|---|
| Craigellachie Overhead Crossing, Mile 446.61 (Project No. 184) | $314,790.72 | | |
| Columbia River Bridge at Revelstoke, Mile 476.61 (Project No. 185) | 490,638.02 | | |
| C.P.R. Overhead, Mile 464.62 (Project No. 192) | 176,789.89 | | |
| Gorge and Crazy Creek Bridges, Mile 447.25 and Mile 452.45 (Project No. 216) | 116,173.88 | | |
| North Fork of Eagle River Bridge, Eagle River Bridge, and Camp Creek Bridge, Mile 447.51, Mile 455.93, and Mile 458.28 (Project No. 264) | 235,657.49 | | |
| Taft Overhead Crossing, Nineteen Mile Overhead Crossing, and Summit Lake Overhead Crossing, Mile 452.22, Mile 456.87, and Mile 467.35 (Project No. 272) | 284,750.04 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Bridges | | $1,618,800.04 | |
| Total expenditure, Revelstoke District | | | 1,618,800.04 |

ROSSLAND-TRAIL

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Southern Trans-Provincial Highway, Castlegar Overhead Crossing (Project No. 214) | $91,730.65 | | |
| Trail Bridge (Project No. 275) | 10,000.00 | | |
| Total, Vote 340 (*c*)—Bridges | | $101,730.65 | |
| Total expenditure, Rossland-Trail District | | | 101,730.65 |

SALMON ARM

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Bridges*

| | | | |
|---|---|---|---|
| Chase Creek Bridge and Overhead Crossing, Mile 378.94 and Mile 382.91 (Project No. 273) | $54,531.78 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Bridges | | $54,531.78 | |
| Total expenditure, Salmon Arm District | | | 54,531.78 |

SKEENA (WEST)

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Terrace–Kitimat Highway, Kitimat River Bridge, Nalbeelah Creek Bridge, and Humphrys Creek Bridge (Project No. 244) | $731,243.06 | | |
| Hirsch Creek Bridge (Project No. 247) | 265,454.77 | | |
| Total, Vote 340 (*c*)—Bridges | | $996,697.83 | |
| Total expenditure, Skeena District (West) | | | 996,697.83 |

## BRIDGE ENGINEER—*Continued*

### NORTH VANCOUVER

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Bridges*

| | | | |
|---|---|---|---|
| Nelson Creek Bridge, Mile 55.92 (Project No. 167) | $1,605.98 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Bridges | | $1,605.98 | |

*Capital Expenditure: Vote 340 (c)—Bridges*

| | | | |
|---|---|---|---|
| Capilano River (Project No. 186) | $4,353.07 | | |
| Strachan Mountain Creek No. 2 Bridge (Project No. 189) | 43,774.70 | | |
| Strachan Mountain Creek No. 1 Bridge (Project No. 191) | 7,112.29 | | |
| Marine Drive Overpass, Lions Gate Bridge approach, north approach (Project No. 195) | 1,863.54 | | |
| Newman Creek Bridge (Project No. 215) | 36,587.61 | | |
| Squamish Highway bridges—Stations 437 (L), 458 (M), and 539 (N), and Deeks Creek Bridge (P) (Project No. 237) | 248,300.00 | | |
| Vancouver–Squamish Highway, Harvey Creek Bridge (Project No. 274) | 57,264.52 | | |
| Lone Tree Creek Bridge (Project No. 279) | 80,006.87 | | |
| Vancouver–Squamish Highway, Squamish Highway Bridge (K) (Project No. 282) | 5,615.00 | | |
| Total, Vote 340 (*c*)—Bridges | | 484,877.60 | |
| Total expenditure, North Vancouver District | | | $486,483.58 |

### YALE

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Bridges*

| | | | |
|---|---|---|---|
| Alexandra Bridges, Mile 193.74—preliminary investigation (Project No. 183) | $163,305.45 | | |
| Nine Mile Canyon Bridge, Mile 215.4, and approach, Mile 215.33 to Mile 215.47 (Project No. 188) | 773,918.11 | | |
| Spuzzum Creek Bridge, Mile 191.19 (Project No. 197) | 194,556.56 | | |
| Nicomen Underpass, Mile 249.30 (Project No. 243) | 11,055.83 | | |
| Sawmill Creek Bridge, Mile 186.34 (Project No. 256) | 131,202.46 | | |
| Nicomen River Bridge and Sackum Overhead Crossing, Mile 249.50 and Mile 252.5 (Project No. 271) | 130,508.72 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Bridges | | $1,404,547.13 | |
| Total expenditure, Yale District | | | 1,404,547.13 |
| Total, Bridges | | | $12,048,627.92 |

## FERRY-LANDINGS

### NANAIMO-ISLANDS

*Capital Expenditure: Vote 340 (c)—Ferry-landings*

| | | | |
|---|---|---|---|
| Montague Harbour, Galiano Island, and Village Bay, Mayne Island (Project No. 242) | $233,698.41 | | |
| Gabriola Island ferry-landing (Project No. 201) | 32,682.04 | | |
| Total, Vote 340 (*c*)—Ferry-landings | | $266,380.45 | |
| Total expenditure, Nanaimo-Islands District | | | $266,380.45 |

## BRIDGE ENGINEER—*Continued*

### DEWDNEY

*Capital Expenditure: Vote 340 (c)—Ferry-landings*

| | | | |
|---|---|---|---|
| Albion–McMillan Ferry landing (Project No. 230) | $58,619.55 | | |
| Total, Vote 340 (*c*)—Ferry-landings | | $58,619.55 | |
| Total expenditure, Dewdney District | | | $58,619.55 |

### MACKENZIE AND NORTH VANCOUVER

*Capital Expenditure: Vote 340 (c)—Ferry-landings*

| | | | |
|---|---|---|---|
| Britannia and Woodfibre Ferry landing (Project No. 236) | $35,192.29 | | |
| Total, Vote 340 (*c*)—Ferry-landings | | $35,192.29 | |
| Total expenditure, Mackenzie and North Vancouver Districts | | | 35,192.29 |
| Total, Ferry-landings | | | $360,192.29 |
| Grand total, Bridge Engineer (Bridges and Ferry-landings) | | | $12,408,820.21 |

## SURFACING ENGINEER

### HEADQUARTERS

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| Paving generally (curb and gutter survey, $281,565.75; Garage Account, $7,839.56; Plant and Tools Account, $199.29; miscellaneous, $38,091.21) | $327,695.81 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $327,695.81 | |
| Total expenditure, Headquarters | | | $327,695.81 |

### BURNABY

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| No. 135R, Grandview–Douglas Highway—truck lanes (Section 68) | $12,492.48 | | |
| No. 241R, Edmonds Street—curb and gutter (Contract S-5704) | 136,424.47 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $148,916.95 | |
| Total expenditure, Burnaby District | | | 148,916.95 |

### CARIBOO (NORTH)

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| Cariboo Highway (Section 72) | $862.50 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $862.50 | |
| Total expenditure, Cariboo District (North) | | | 862.50 |

### CARIBOO (SOUTH)

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| Cariboo Highway, 100 Mile House north—seal-coat (Section 76) | $1,502.89 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $1,502.89 | |
| Total expenditure, Cariboo District (South) | | | 1,502.89 |

SURFACING ENGINEER—*Continued*

CHILLIWACK

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| No. 5-4R, Matsqui Municipal Boundary east to Abbotsford (Contract S-5701) | $228,170.14 | | |
| Arterial highway through Rosedale—curb and gutter (Contract S-5703) | 55,025.80 | | |
| Trans-Canada Highway, Chilliwack–Rosedale (Contract S-5703) | 112,374.39 | | |
| Trans-Canada Highway, Rosedale–Bridal Falls (Contract S-5703) | 59,402.92 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $454,973.25 | |
| Total expenditure, Chilliwack District | | | $454,973.25 |

COLUMBIA

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| Kootenay–Columbia Highway, Parsons and McMurdo—base processing | $28,587.47 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $28,587.47 | |
| Total expenditure, Columbia District | | | 28,587.47 |

COMOX

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| No. 32R, Courtenay Arterial, Eleventh Street to Twenty-first Street—curb and gutter one side (Section 67) | $58,554.66 | | |
| No. 120R, Campbell River Arterial, from Elk River Timber Crossing to bridge—curb and gutter (Section 67) | 2,519.72 | | |
| Old Comox Road (Section 67) | 25,455.62 | | |
| No. 196, Island Highway, Wellington–Lantzville (Section 67) | 73,633.08 | | |
| No. 234R, Arterial, Comox Avenue (Section 82) | 21,547.27 | | |
| No. 8, Comox Road, Courtenay city limits to Comox village boundary (Contract S-5705) | 46,877.17 | | |
| No. 32R, Courtenay Arterial, Comox Road to Sixth Street (Contract S-5705) | 6,252.60 | | |
| No. 32R, Courtenay Arterial, Sixth Street to Twenty-first Street (Contract S-5705) | 75,463.01 | | |
| No. 196, Island Highway, Courtenay city limits to 0.8 mile south of Trent River Bridge (Contract S-5705) | 96,518.08 | | |
| Nos. 119R and 2, Arterial and Anderton Road from Comox Avenue to Ryan Road (Contract S-5705) | 31,005.63 | | |
| No. 234R, Comox Avenue, village limits to Anderton Road (Contract S-5705) | 22,549.45 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $460,376.29 | |
| Total expenditure, Comox District | | | 460,376.29 |

CRANBROOK

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| No. 29, Kingsgate–Curzon Highway (Section 71) | $1,368.19 | | |
| Southern Trans-Provincial Highway, Curzon junction westerly—base processing | 12,734.24 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $14,102.43 | |
| Total expenditure, Cranbrook District | | | 14,102.43 |

SURFACING ENGINEER—*Continued*

DELTA

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| No. 3R, Trans-Canada Highway, Nicomekl Bridge, Langley, east to municipal boundary, Aldergrove (Contract S-5701) | $291,621.56 | | |
| No. 10-125R, New McLennan Road, Scott Road, King George VI Highway (Contract S-5701) | 42,669.52 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $334,291.08 | |
| Total expenditure, Delta District | | | $334,291.08 |

DEWDNEY

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| Agassiz–Rosedale north bridge approaches and approach road (Section 68) | $2,277.44 | | |
| Kanaka Creek approach revision (Section 68) | 8,878.37 | | |
| Lougheed Highway, Haney, 6th to 8th Avenue, 9th to 9½ Avenue—drainage, curb and gutter (Contract S-5704) | 42,352.71 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $53,508.52 | |
| Total expenditure, Dewdney District | | | 53,508.52 |

BURNABY AND DEWDNEY

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| No. 11-57R, Port Moody–Ioco Road, Ioco Overhead to Ioco (Contract S-5704) | $64,112.17 | | |
| No. 11-200R, Vancouver–Coquitlam Highway, Port Moody westerly (Contract S-5704) | 31,586.69 | | |
| No. 3-14R, Hastings–Barnet Highway, Westridge Subdivision easterly (Contract S-5704) | 36,544.72 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $132,243.58 | |
| Total expenditure, Burnaby and Dewdney Districts | | | 132,243.58 |

ESQUIMALT

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Paving*

| | | | |
|---|---|---|---|
| Malahat Chalet–Mill Bay section—base processing, Mile 15.21 to Mile 25.57 (Project No. 867) | $79,987.47 | | |
| Malahat section, Mile 11.4 to Mile 15.21 (Section 56) (Project No. 867) | 15,424.70 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Paving | | $95,412.17 | |
| Total expenditure, Esquimalt District | | | 95,412.17 |

ESQUIMALT AND COWICHAN-NEWCASTLE

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Paving*

| | | | |
|---|---|---|---|
| Cobble Hill, Mile 25.38 to Mile 35.21 (Section 57) (Project No. 867) | $56,929.71 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Paving | | $56,929.71 | |
| Total expenditure, Esquimalt and Cowichan-Newcastle Districts | | | 56,929.71 |

## SURFACING ENGINEER—*Continued*

### Fort George

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| Arterial highways in Prince George—curb and gutters, street sewers (Section 73) | $172,578.01 | | |
| Pine Street, Prince George (Section 73) | 9,531.84 | | |
| Queen Street and Fort George to Northern Trans-Provincial Highway, Prince George (Section 73) | 5,399.08 | | |
| Prince George, John Hart Highway—base processing | 41,901.88 | | |
| Prince George, Peden Hill west—base processing | 22,480.10 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $251,890.91 | |
| Total expenditure, Fort George District | | | $251,890.91 |

### Kamloops

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| No. 67, Kamloops–Merritt Road, McConnell Lane to Cardeau Hill (Section 69) | $91,254.28 | | |
| No. 67, Kamloops–Merritt Road, Willow Ranch to Stump Lake (Section 69) | 80,953.31 | | |
| No. 71, North Thompson Highway (district job)—base processing | 23,418.07 | | |
| No. 18L, Ashcroft to Cache Creek—base processing | 21,078.11 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $216,703.77 | |
| Total expenditure, Kamloops District | | | 216,703.77 |

### Kamloops and Yale

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| No. 35, Merritt–Kamloops Road, Mile 7 to Mile 17 (Contract S-5722) | $183,993.78 | | |
| No. 67, Kamloops–Merritt Road, Mile 12.3 to Mile 16.7 (Contract S-5722) | 79,012.86 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $263,006.64 | |
| Total expenditure, Kamloops and Yale Districts | | | 263,006.64 |

### Kamloops and Lillooet

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Paving*

| | | | |
|---|---|---|---|
| Cache Creek–Lemonade Flats, Mile 291.78 to Mile 310.08—base processing (Project No. 867) | $28,517.60 | | |
| Cache Creek–Lemonade Flats, Mile 291.78 to Mile 310.08 (Contract S-5781) (Project No. 867) | 342,124.80 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Paving | | $370,642.40 | |
| Total expenditure, Kamloops and Lillooet Districts | | | 370,642.40 |

### Kaslo-Slocan

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| No. 246, Lemon Creek–Slocan City—base processing | $11,741.42 | | |
| No. 246, Box Lake Pit–C.P.R. Railroad, Nakusp—base processing | 14,886.89 | | |
| Slocan City–Passmore—base processing | 14,764.13 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $41,392.44 | |
| Total expenditure, Kaslo-Slocan District | | | 41,392.44 |

SURFACING ENGINEER—*Continued*

LILLOOET

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| Lytton–Lillooet Highway (district job)—base processing | $11,999.86 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $11,999.86 | |
| Total expenditure, Lillooet District | | | $11,999.86 |

MACKENZIE

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Paving*

| | | | |
|---|---|---|---|
| Upper Levels Highway, Horseshoe Bay–Taylor Way, Mile 54.68 to Mile 62.58 (Section 68) (Project No. 867) | $233,531.55 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Paving | | $233,531.55 | |

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| First Street, Marine Avenue to Manson, Powell River (Westview) (Section 78) | $11,146.33 | | |
| Marine Avenue, First Street to Fourth Street, Powell River (Westview)—curb and gutter (Section 78) | 18,382.20 | | |
| Texada Island, Gillies Bay Road, from Gillies Bay to 4 miles on North Road (Contract S-5702) | 36,549.67 | | |
| No. 237, Ocean View, Powell River, from Mill Street to First Street (Contract S-5702) | 59,319.91 | | |
| No. 314, Sechelt–Pender Harbour Road, Mile 14.3 to Klein Junction (Contract S-5702) | 195,161.50 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | 320,559.61 | |
| Total expenditure, Mackenzie District | | | 554,091.16 |

NANAIMO-ISLANDS

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| No. 131R, Arterial highway in Nanaimo from Trans-Canada Highway to Comox Road—curb and gutter (Section 67) | $135,947.58 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $135,947.58 | |
| Total expenditure, Nanaimo-Islands District | | | 135,947.58 |

NELSON-CRESTON

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| No. 139, Harrop–Procter—base processing | $16,738.71 | | |
| No. 235, Nelson–Nelway Highway—base processing | 21,741.59 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $38,480.30 | |
| Total expenditure, Nelson-Creston District | | | 38,480.30 |

NORTH OKANAGAN

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| No. 97, Okanagan Highway, Oyama to 8 miles south of Vernon—base processing | $14,043.33 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $14,043.33 | |
| Total expenditure, North Okanagan District | | | 14,043.33 |

## SURFACING ENGINEER—*Continued*

### North Okanagan and Revelstoke

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| No. 97, Okanagan Highway, Oyama north (Contract S-5724) | $76,023.53 | | |
| No. 97, Sicamous–Grindrod Highway, from Trans-Canada Highway, Sicamous, to start of paving in North Okanagan District (Contract S-5724) | 238,856.24 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $314,879.77 | |
| Total expenditure, North Okanagan and Revelstoke Districts | | | $314,879.77 |

### Omineca (East)

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| No. 39, Northern Trans-Provincial Highway, 1 mile west of Vanderhoof (Section 73) | $5,670.64 | | |
| Vanderhoof to Fort Fraser—base processing | 41,577.84 | | |
| Northern Trans-Provincial Highway, Vanderhoof, McCall, Engen, and Martin Lake—base processing | 19,424.86 | | |
| Fort St. James—base processing | 2,454.12 | | |
| Northern Trans-Provincial Highway, Vanderhoof west, Mile 11 to Mile 27—base processing | 80,247.94 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $149,375.40 | |
| Total expenditure, Omineca District (East) | | | 149,375.40 |

### Omineca (West)

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| Northern Trans-Provincial Highway, Burns Lake westerly (Section 75) (Credit) | *$93.33* | | |
| No. 16, Northern Trans-Provincial Highway, Houston to 16 miles west (Contract S-5761) | 408,324.17 | | |
| No. 16, Northern Trans-Provincial Highway, 2 miles west of Rose Lake to 2 miles east of Topley (Contract S-5761) | 252,716.96 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $660,947.80 | |
| Total expenditure, Omineca District (West) | | | 660,947.80 |

### Peace River North

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| City streets, Fort St. John—storm-sewers, curb and gutter (Section 74) | $57,340.04 | | |
| Fort St. John–Airport (Section 74) | 80,399.14 | | |
| Highway Street, Alaska Highway to arterial—curb and gutter (Section 74) | 9,742.60 | | |
| Central Avenue approach, Alaska Highway to arterials—curb and gutter (Section 74) | 20,611.21 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $168,092.99 | |
| Total expenditure, Peace River North District | | | 168,092.99 |

### Revelstoke

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Paving*

| | | | |
|---|---|---|---|
| Three Valley Lake section, Mile 462.91 to Mile 465.41 and Mile 469.01 to Mile 469.85 (Section 65) (Project No. 865) | $63,618.72 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Paving | | $63,618.72 | |

## SURFACING ENGINEER—*Continued*

### REVELSTOKE—*Continued*

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| Revelstoke Park Gate east (Section 66) | $68,484.02 | | |
| No. 5 Road, Revelstoke (district job)—base processing | 10,497.46 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $78,981.48 | |
| Total expenditure, Revelstoke District | | | $142,600.20 |

### ROSSLAND-TRAIL

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| Robson–Deer Park section—base processing | $5,585.78 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $5,585.78 | |
| Total expenditure, Rossland-Trail District | | | 5,585.78 |

### SALMON ARM

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Paving*

| | | | |
|---|---|---|---|
| Canoe–Sicamous section, Mile 418.88 to Mile 425.11—base processing (Project No. 867) | $18,657.09 | | |
| Canoe–Sicamous section, Mile 418.88 to Mile 430.22 (Contract S-5782) (Project No. 867) | 310,561.17 | | |
| Balmoral section, Mile 388.31 to Mile 397.08 (Section 64) (Project No. 867) | 9,577.27 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Paving | | $338,795.53 | |
| Total expenditure, Salmon Arm District | | | 338,795.53 |

### SIMILKAMEEN

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| Hope–Princeton Highway from 4 miles east of Allison Pass east section—recap (Section 70) (Credit) | *$343.83* | | |
| No. 115R, arterial through Oliver—curb and gutter (Section 70) | 78.21 | | |
| Southern Trans-Provincial Highway, south of Oliver to Graveyard Hill (Contract S-5721) | 256,120.23 | | |
| Southern Trans-Provincial Highway, Oliver north to McIntyre Bridge (Contract S-5721) | 105,379.75 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $361,234.36 | |
| Total expenditure, Similkameen District | | | 361,234.36 |

### SKEENA (EAST)

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| Northern Trans-Provincial Highway, Hazelton—base processing | $9,966.14 | | |
| Northern Trans-Provincial Highway, New Hazelton—base processing | 18,428.24 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $28,394.38 | |
| Total expenditure, Skeena District (East) | | | 28,394.38 |

SURFACING ENGINEER—*Continued*

SKEENA (WEST)

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| No. 173, Northern Trans-Provincial Highway, Tyee–Kwinitsa—base processing | $122,397.17 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $122,397.17 | |
| Total expenditure, Skeena District (West) | | | $122,397.17 |

VANCOUVER-POINT GREY

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| Chancellor Boulevard from Acadia Road to Marine Drive (Contract S-5704) | $13,572.95 | | |
| Vancouver, Marine Drive from city boundary to Mile 1.6 (Contract S-5704) | 23,893.57 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $37,466.52 | |
| Total expenditure, Vancouver-Point Grey District | | | 37,466.52 |

NORTH VANCOUVER

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| Main Street, North Vancouver, from city boundary to mountain highway (Contract S-5704) | $7,733.93 | | |
| Marine Drive, Nelson Avenue toward Whytecliff (Contract S-5704) | 10,805.79 | | |
| No. 157R, Third Street, Lonsdale to St. Davids—curb and gutter and pave (Contract S-5704) | 59,836.37 | | |
| No. 157R, Third Street, St. Davids to city boundary—paving only (Contract S-5704) | 34,485.15 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $112,861.24 | |
| Total expenditure, North Vancouver District | | | 112,861.24 |

YALE AND SIMILKAMEEN

*Capital Expenditure: Vote 340 (d)—Hard Surfacing*

| | | | |
|---|---|---|---|
| No. 70, Merritt–Princeton Road, Mile 71 to Mile 74.7 (Contract S-5722) | $91,721.02 | | |
| No. 72, Princeton–Merritt Road, Mile 17.6 to Mile 23.6 (Contract S-5722) | 99,768.41 | | |
| Total, Vote 340 (*d*)—Hard Surfacing | | $191,489.43 | |
| Total expenditure, Yale and Similkameen Districts | | | 191,489.43 |

YALE

*Capital Expenditure: Vote 340 (a)—Trans-Canada Highway, Paving*

| | | | |
|---|---|---|---|
| Lytton–Spences Bridge section, Mile 237.50 to Mile 260.98—base processing (Project No. 867) | $416.93 | | |
| Salkel Flats–Boothroyd section, Mile 212.83 to Mile 217.41 (Section 59) (Project No. 867) | 88,773.76 | | |
| American Creek–Yale section, Mile 177.47 to Mile 178.91 (Contract S-5783) (Project No. 867) | 6,325.30 | | |
| Total, Vote 340 (*a*)—Trans-Canada Highway, Paving | | $95,515.99 | |
| Total expenditure, Yale District | | | 95,515.99 |
| Grand total, Surfacing Engineer | | | $6,737,237.60 |

## SUMMARY OF TRANS-CANADA HIGHWAY CAPITAL EXPENDITURES, 1957/58 (SURVEYS, CONSTRUCTION, PAVING COSTS, ETC.)

**(Vote 340 (*a*)—Trans-Canada Highway)**

| | | | |
|---|---|---|---|
| **BURNABY** | | | |
| *Road Construction* | | | |
| Burnaby Lake Freeway section, mileage not established (Project No. 885) | | $233,774.77 | |
| Total, Burnaby District | | | $233,774.77 |
| **CHILLIWACK** | | | |
| *Surveys* | | | |
| Pattullo Bridge–Abbotsford, Mile 81 to Mile 113.1 (Project No. 868) | | $95,347.62 | |
| *Rights-of-way* | | | |
| Cheam Creek–Twin Bridges section, Mile 145.31 to Mile 147.40 (Project No. 869) | $75.00 | | |
| Twin Bridges–Lorenzetti Creek section, Mile 148.21 to Mile 154.00 (Project No. 869) | 442.00 | | |
| Vedder River–Chilliwack section, Mile 124.72 to Mile 135.03 (Project No. 869) | 47,042.58 | | |
| Chilliwack–Cheam Creek section, Mile 135.03 to Mile 144.28 (Project No. 869) | 142,929.25 | | |
| Abbotsford–Mount Lehman section, Mile 107.54 to Mile 113.60 (Project No. 869) | 253,151.08 | | |
| | | 443,639.91 | |
| *Road Construction* | | | |
| Cheam Creek–Twin Bridges section, Mile 145.31 to Mile 147.40 (Project No. 750) | $144,710.84 | | |
| Twin Bridges–Lorenzetti Creek section, Mile 148.21 to Mile 154.00 (Project No. 753) | 1,018,814.20 | | |
| Vedder River–Chilliwack section, Mile 124.72 to Mile 135.03 (Project No. 807) | 2,522,060.18 | | |
| Chilliwack–Cheam Creek section, Mile 135.03 to Mile 144.28 (Project No. 821) | 888,181.30 | | |
| | | 4,573,766.52 | |
| Total, Chilliwack District | | | 5,112,754.05 |
| **COLUMBIA** | | | |
| *Rights-of-way* | | | |
| Golden–Donald section, Mile 654.79 to Mile 668.67 (Project No. 869) | | $16,062.50 | |
| *Road Construction* | | | |
| Golden–Yoho section, Mile 668.67 to Mile 677.64 (Project No. 398) | $403,596.93 | | |
| Golden–Donald section, Mile 654.79 to Mile 668.67 (Project No. 879) | 265,604.47 | | |
| Glacier Park–Donald section, Mile 641.94 to Mile 654.79 (day-labour) (Project No. 958) | 5,974.59 | | |
| | | 675,175.99 | |
| *Bridges* | | | |
| Park and Mount Hunter Bridges, Mile 677.64, Mile 677.82, and Mile 677.79 to Mile 681.15—approaches (Project No. 113) | $103,797.53 | | |
| Yoho Bridge, Mile 674.86 (Project No. 143) | 73,388.91 | | |
| | | 177,186.44 | |
| Total, Columbia District | | | 868,424.93 |

SUMMARY OF TRANS-CANADA HIGHWAY CAPITAL EXPENDITURES—*Continued*

COWICHAN-NEWCASTLE

*Rights-of-way*

| | | | |
|---|---|---|---|
| Nanaimo–Ladysmith, Section 2, Mile 57.43 to Mile 62.28 (Project No. 869) | $1,185.00 | | |
| Cowichan Bay Road, Koksilah, Mile 29.18 to Mile 35.23 (Project No. 869) | 104.00 | $1,289.00 | |

*Road Construction*

| | | | |
|---|---|---|---|
| Cowichan Bay Road, Koksilah, Mile 29.16 to Mile 35.21 (Project No. 658) | | 11,927.67 | |
| Total, Cowichan-Newcastle District | | | $13,216.67 |

DELTA

*Bridges*

| | | | |
|---|---|---|---|
| Fraser River crossing at Port Mann, no mileage established (Project No. 267) | | $200,238.11 | |
| Total, Delta District | | | 200,238.11 |

DEWDNEY

*Rights-of-way*

| | | | |
|---|---|---|---|
| Burnaby Lake Freeway, no mileage established (Project No. 869) | | $39,944.00 | |
| Total, Dewdney District | | | 39,944.00 |

ESQUIMALT

*Rights-of-way*

| | | | |
|---|---|---|---|
| First section, Victoria outlet, Mile 0 to Mile 3.98 (Project No. 869) (Credit) | *$160.00* | | |
| Cobble Hill–Cowichan Bay Road, Mile 25.44 to Mile 29.18 (Project No. 869) | 52.00 | | |
| Malahat Chalet–Mill Bay section, Mile 15.21 to Mile 23.97 (Project No. 869) | 290.80 | $182.80 | |

*Road Construction*

| | | | |
|---|---|---|---|
| Cobble Hill Road–Cowichan Bay Road, Mile 25.44 to Mile 29.18 (Project No. 560) | $15,193.99 | | |
| Arbutus Creek–Malahat Chalet, Mile 11.40 to Mile 15.21 (Project No. 561) | 12,501.38 | | |
| Malahat Chalet–Mill Bay, Mile 15.21 to Mile 23.97 (Project No. 687) | 796,695.20 | 824,390.57 | |

*Paving*

| | | | |
|---|---|---|---|
| Malahat Chalet–Mill Bay section, Mile 15.21 to Mile 23.98—base processing (Project No. 867) | $79,987.47 | | |
| Malahat section, Mile 11.4 to Mile 15.21 (Section 56) (Project No. 867) | 15,424.70 | | |
| Cobble Hill, Mile 25.38 to Mile 35.21 (Section 57) (Project No. 867) | 56,929.71 | 152,341.88 | |

*Bridges*

| | | | |
|---|---|---|---|
| Malahat Overhead Crossing at Station 530, Malahat–Mill Bay section, Mile 21.47 (Project No. 232) | | 35,966.09 | |
| Total, Esquimalt District | | | 1,012,881.34 |

SUMMARY OF TRANS-CANADA HIGHWAY CAPITAL EXPENDITURES—*Continued*

KAMLOOPS

*Rights-of-way*

| | | | |
|---|---|---|---|
| Thompson River Bridge at Savona, Mile 314.14 (Project No. 869) | | $135.00 | |

*Road Construction*

| | | | |
|---|---|---|---|
| Cache Creek–Lemonade Flats, Mile 291.78 to Mile 310.08 (Project No. 648) | (Credit) | *44,861.26* | |

*Paving*

| | | | |
|---|---|---|---|
| Cache Creek–Lemonade Flats, Mile 291.78 to Mile 310.08 —base processing (Project No. 867) | $28,517.60 | | |
| Cache Creek–Lemonade Flats, Mile 291.78 to Mile 310.08 (Contract S-5781) (Project No. 867) | 342,124.80 | | |
| | | 370,642.40 | |

*Bridges*

| | | | |
|---|---|---|---|
| C.N.R. Overhead Crossing at Savona, Mile 314.02 (Project No. 259) | $90,760.28 | | |
| Thompson River Bridge at Savona, Mile 314.14 (Project No. 260) | 397,745.04 | | |
| | | 488,505.32 | |
| Total, Kamloops District | | | $814,421.46 |

MACKENZIE

*Paving*

| | | | |
|---|---|---|---|
| Upper Levels Highway, Horseshoe Bay–Taylor Way, Mile 54.68 to Mile 62.58 (Section 68) (Project No. 867) | | $233,531.55 | |
| Total, Mackenzie District | | | 233,531.55 |

NEW WESTMINSTER

*Road Construction*

| | | | |
|---|---|---|---|
| Pattullo Bridge, north approach, Royal Avenue Underpass, Mile 80 to Mile 80.14 (Project No. 533) | | $18,895.93 | |
| Total, New Westminster District | | | 18,895.93 |

NORTH VANCOUVER

*Rights-of-way*

| | | | |
|---|---|---|---|
| Upper Levels–Twenty-fifth Street project in North Vancouver, no mileage established (Project No. 869) | $396,939.60 | | |
| Upper Levels Highway, Horseshoe Bay–Lions Gate Bridge, Lot 558 to Taylor Way, Mile 58.80 to Mile 62.58 (Project No. 869) | 2,689.50 | | |
| | | $399,629.10 | |

*Road Construction*

| | | | |
|---|---|---|---|
| Upper Levels Highway, Horseshoe Bay–Lions Gate Bridge, Horseshoe Bay Project No. 539 section, Mile 54.68 to Mile 55.97 (Project No. 622) | $50,000.00 | | |
| Upper Levels Highway, Horseshoe Bay–Lions Gate Bridge, Lot 558 to Taylor Way, Mile 58.80 to Mile 62.58 (Project No. 657) | 141,830.18 | | |
| Upper Levels Highway, Horseshoe Bay–Lions Gate Bridge section—gravelling from Horseshoe Bay to Taylor Way, Mile 54.68 to Mile 62.58 (Project No. 806) | 229,938.05 | | |
| Horseshoe Bay–Taylor Way, Mile 54.68 to Mile 62.58—guard-rail (Project No. 896) | 69,285.32 | | |
| | | 491,053.55 | |

SUMMARY OF TRANS-CANADA HIGHWAY CAPITAL EXPENDITURES—*Continued*

NORTH VANCOUVER—*Continued*

*Bridges*

| | | | |
|---|---|---|---|
| Nelson Creek Bridge, Mile 55.92 (Project No. 167) | | $1,605.98 | |
| Total, North Vancouver District | | | $892,288.63 |

REVELSTOKE

*Surveys*

| | | | |
|---|---|---|---|
| Revelstoke–Golden, Griffith–Golden section, Mile 476.6 to Mile 563 (Project No. 868) | $42,464.88 | | |
| Revelstoke–Golden, Revelstoke–Flat Creek section, Mile 476.6 to Mile 563 (Project No. 868) | 43,266.43 | | |
| Sicamous–Revelstoke, Mile 430.28 to Mile 476.61 (Project No. 868) | 28,758.68 | $114,489.99 | |

*Rights-of-way*

| | | | |
|---|---|---|---|
| Three Valley Lake west, Mile 462.11 to Mile 463.43 (Project No. 869) | $6,466.00 | | |
| Craigellachie–Kay Falls, Kay Falls–Twin Bridges, Mile 447.03 to Mile 453.80 and Mile 454.30 to Mile 460.33 (Project No. 869) | 23,949.50 | | |
| Greely–Clachnacudainn Creek section, Mile 482.55 to Mile 487.22 (Project No. 869) | 163.50 | | |
| Revelstoke–Greely section, Mile 477.61 to Mile 482.55 (Project No. 869) | 9,789.30 | | |
| Columbia River Bridge at Revelstoke, Mile 476.61 (Project No. 869) | 1,548.00 | 41,916.30 | |

*Road Construction*

| | | | |
|---|---|---|---|
| Revelstoke Park Gate east, Mile 478.74 to Mile 481.66 (Project No. 542) | $128,473.32 | | |
| Three Valley Lake west, Mile 462.11 to Mile 463.43 (Project No. 813A) | 363,438.54 | | |
| Victor Lake–Summit Lake section, Mile 465.41 to Mile 468.18 (Project No. 813B) | 615,270.16 | | |
| Craigellachie–Kay Falls, Twin Bridges, Mile 447.03 to Mile 453.80 and Mile 454.30 to Mile 460.33 (Project No. 819) | 898,099.11 | | |
| Greely–Clachnacudainn Creek section, Mile 482.55 to Mile 487.22 (Project No. 880) | 410,774.33 | | |
| Revelstoke–Greely section, Mile 477.61 to Mile 482.55 (Project No. 890) | 151,690.60 | 2,567,746.06 | |

*Paving*

| | | | |
|---|---|---|---|
| Three Valley Lake section, Mile 462.91 to Mile 465.41 and Mile 469.01 to Mile 469.85 (Section 65) (Project No. 865) | | 63,618.72 | |

*Bridges*

| | | | |
|---|---|---|---|
| Craigellachie Overhead Crossing, Mile 446.61 (Project No. 184) | $314,790.72 | | |
| Columbia River Bridge at Revelstoke, Mile 476.61 (Project No. 185) | 490,638.02 | | |
| C.P.R. Overhead, Mile 464.62 (Project No. 192) | 176,789.89 | | |
| Gorge and Crazy Creek Bridges, Mile 447.25 and Mile 452.45 (Project No. 216) | 116,173.88 | | |
| North Fork of Eagle River Bridge, Eagle River Bridge, and Camp Creek Bridge, Mile 447.51, Mile 455.93, and Mile 458.28 (Project No. 264) | 235,657.49 | | |
| Taft Overhead Crossing, Nineteen Mile Overhead Crossing, and Summit Lake Overhead Crossing, Mile 452.22, Mile 456.87, and Mile 467.35 (Project No. 272) | 284,750.04 | 1,618,800.04 | |
| Total, Revelstoke District | | | 4,406,571.11 |

SUMMARY OF TRANS-CANADA HIGHWAY CAPITAL EXPENDITURES—*Continued*

SALMON ARM

*Rights-of-way*

| | | | |
|---|---|---|---|
| Tappen–Salmon River section, Mile 402.76 to Mile 407.49 (Project No. 869) | $646.71 | | |
| Sorrento–Balmoral section, Mile 388.31 to Mile 397.08 (Project No. 869) | 3,201.00 | | |
| Chase–Sorrento section, Mile 379.83 to Mile 384.38 and Mile 385.61 to Mile 388.31 (Project No. 869) | 312.00 | | |
| | | $4,159.71 | |

*Road Construction*

| | | | |
|---|---|---|---|
| Sorrento–Balmoral section, Mile 388.31 to Mile 397.08 (Project No. 612) | $2,688.53 | | |
| Chase–Sorrento section, Mile 379.83 to Mile 384.38 and Mile 385.61 to Mile 388.31 (Project No. 789) | 1,274,925.72 | | |
| Canoe–Annis, Mile 418.88 to Mile 425.11 (day-labour) (Project No. 477) | 4,457.23 | | |
| Annis–Sicamous, Mile 425.11 to Mile 430.22 (day-labour) (Project No. 551) | 11,489.85 | | |
| | | 1,293,561.33 | |

*Paving*

| | | | |
|---|---|---|---|
| Canoe–Sicamous section, Mile 418.88 to Mile 425.11—base processing (Project No. 867) | $18,657.09 | | |
| Canoe–Sicamous section, Mile 418.88 to Mile 430.22 (Contract S-5782) (Project No. 867) | 310,561.17 | | |
| Balmoral section, Mile 388.31 to Mile 397.08 (Section 64) (Project No. 867) | 9,577.27 | | |
| | | 338,795.53 | |

*Bridges*

| | | | |
|---|---|---|---|
| Chase Creek Bridge and Overhead Crossing, Mile 378.94 and Mile 382.91 (Project No. 273) | | 54,531.78 | |
| Total, Salmon Arm District | | | $1,691,048.35 |

YALE

*Surveys*

| | | | |
|---|---|---|---|
| Bell Crossing–Alexandra Lodge, Mile 183.90 to Mile 196.26 (Project No. 868) | $9.89 | | |
| Boston Bar–Jackass Mountain, Mile 208.90 to Mile 226.12 (Project No. 868) | 1,415.86 | | |
| Kanaka Creek–Lytton, Mile 229.43 to Mile 237.50 (Project No. 868) | 3,476.73 | | |
| Lytton–Spences Bridge, Mile 237.50 to Mile 262.19 (Project No. 868) | 3,239.70 | | |
| Tunnels–Boston Bar, Mile 199.85 to Mile 208.9 (Project No. 868) | 36,816.94 | | |
| | | $44,959.12 | |

*Rights-of-way*

| | | | |
|---|---|---|---|
| Nine Mile Creek–Boothroyd Flats, Mile 215.47 to Mile 217.41 (Project No. 869) | $576.00 | | |
| Lytton–Tank Hill, Mile 237.50 to Mile 246.60 (Project No. 869) | 5,773.50 | | |
| Spuzzum Creek section, Mile 189.67 to Mile 193.46 (Project No. 869) | 42.40 | | |
| Saddle Rock to C.P.R. Overhead, Mile 188.44 to Mile 189.75 (Project No. 869) | 6,564.50 | | |
| Boothroyd–Jackass Mountain, Mile 217.41 to Mile 225.49 (Project No. 869) | 8,805.75 | | |
| | | 21,762.15 | |

SUMMARY OF TRANS-CANADA HIGHWAY CAPITAL EXPENDITURES—*Continued*

YALE—*Continued*

*Road Construction*

| | | | |
|---|---|---|---|
| Tank Hill and Tank Creek Underpass, Mile 246.60 to Mile 247.51 and Mile 246.91 (Project No. 554) | $867,247.23 | | |
| Salkel Flats–Nine Mile Canyon, Mile 212.83 to Mile 215.33 (Project No. 625) | 88,826.90 | | |
| Nine Mile Creek–Boothroyd Flats, Mile 215.47 to Mile 217.41 (Project No. 647) | 156,072.74 | | |
| American Creek–Yale, Mile 177.47 to Mile 178.91 (Project No. 685) | 3,813.28 | | |
| Boston Bar–Salkel Flats section, Mile 210.08 to Mile 212.83 (Project No. 694) | 772,650.75 | | |
| Spences Bridge–Tank Hill, Mile 247.59 to Mile 260.98 (Project No. 760) | 3,114,265.71 | | |
| Lytton–Tank Hill, Mile 237.50 to Mile 246.60 (Project No. 762) | 1,605,487.40 | | |
| Spuzzum Creek section, Mile 189.67 to Mile 193.46 (Project No. 764) | 398,662.39 | | |
| Tunnels–Robbins Creek, Mile 199.98 to Mile 202.59 (Project No. 791) | 2,730.00 | | |
| Bell Crossing–Saddle Rock, Mile 183.90 to Mile 188.52 (Project No. 792) | 1,735,858.10 | | |
| Fraser River Crossing at Alexandra Lodge, Mile 193.17 to Mile 195.67 (Project No. 874) | 225,195.36 | | |
| Saddle Rock to C.P.R. Overhead, Mile 188.44 to Mile 189.75 (Project No. 892) | 333,602.58 | | |
| | | $9,304,412.44 | |

*Paving*

| | | | |
|---|---|---|---|
| Lytton–Spences Bridge section, Mile 237.50 to Mile 260.98—base processing (Project No. 867) | $416.93 | | |
| Salkel Flats–Boothroyd section, Mile 212.83 to Mile 217.41 (Section 59) (Project No. 867) | 88,773.76 | | |
| American Creek–Yale section, Mile 177.47 to Mile 178.91 (Contract S-5783) (Project No. 867) | 6,325.30 | | |
| | | 95,515.99 | |

*Bridges*

| | | | |
|---|---|---|---|
| Alexandra Bridges, Mile 193.74—preliminary investigation (Project No. 183) | $163,305.45 | | |
| Nine Mile Canyon Bridge, Mile 215.4, and approach, Mile 215.33 to Mile 215.47 (Project No. 188) | 773,918.11 | | |
| Spuzzum Creek Bridge, Mile 191.19 (Project No. 197) | 194,556.56 | | |
| Nicomen Underpass, Mile 249.30 (Project No. 243) | 11,055.83 | | |
| Sawmill Creek Bridge, Mile 186.34 (Project No. 356) | 131,202.46 | | |
| Nicomen River Bridge and Sackum Overhead Crossing, Mile 249.50 and Mile 252.5 (Project No. 271) | 130,508.72 | | |
| | | 1,404,547.13 | |
| Total, Yale District | | | $10,871,196.83 |
| Gross expenditure, Vote 340 (*a*)—Trans-Canada Highway | | | $26,409,187.73 |

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