REPORT

OF THE

CHIEF COMMISSIONER OF LANDS AND WORKS

OF THE PROVINCE OF

BRITISH COLUMBIA,

FOR THE

YEAR ENDING 31ST DECEMBER,

1884.

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1885.

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To the Honourable CLEMENT F. CORNWALL, *Lieutenant-Governor of the Province of British Columbia :----*

MAY IT PLEASE YOUR HONOUR:

The Annual Departmental Report of Provincial Public Works is herewith respectfully submitted.

WM. SMITHE,

Chief Commissioner of Lands and Works.

Lands and Works Department,
Victoria, B. C., December 31st, 1884.

REPORT.

Victoria City District.

ALTERATIONS AND REPAIRS TO THE LANDS AND WORKS OFFICE.

George Powell, Contractor, $410.

To remove the partition separating the accountant's and draughtsman's rooms and to take down the chimney and make good the roof and walls.

To close in a blind skylight opening in ceiling of draughting-room, and plaster in hard finish to correspond.

To remove all tables, drawers and shelves and set them up as directed, and to remove and fit up the large circular desk counter, as indicated by drawings.

To furnish and hang double glass doors at entrance to public office.

To build a new chimney in draughting-room, and to construct a large double desk, with drawers and map shelves.

To kalsomine the walls and ceilings and to paper and varnish the walls of draughting and public room.

JOHNSON STREET WARD SCHOOL-HOUSE.

W. H. Souden, Contractor, $1400.

To provide all plant, labour and material necessary to erect and complete a frame building 28x48 feet, in conformity with plans and specifications; enclosed with rustic siding; lathed, plastered and hard finished; painted in two coat-work throughout; wainscoted all round over mortar coat; double floor, with one inch deep of deadening between; two cloak and hat-rooms fitted with hooks, &c.; two separate entrances; blackboards, map pulleys, &c.; also fencing two lots and erection of outbuildings.

FENCING THE OLD CEMETERY.

W. H. Robertson, Contractor, $461.

To take down and remove the old picket fence on Quadra and Meares streets; to erect 600 feet of new fence; posts placed 10½ feet apart, set on a sill 2¾ feet deep and braced; to have chamfered edges and Gothic caps; two rails, mortised into posts and mortised to receive pickets; pickets two inches square, set diagonally, in two lengths and pointed; two entrance gates hung with strong self-closing hinges.

REPAIRS TO ROOF OF SUPREME COURT.

D. T. Johnson, Contractor, $290.

To strip the shingled portion of the lower roof all round and to re-shingle the same; to supply new ridge boards and rolls; to repair all flashings, valleys, gutters and down pipes; to repair defective skylights and to paint the metal roofs one coat of red lead paint.

PUBLIC SCHOOL, VICTORIA.

Charles Hayward, agreement, $315.

To generally repair the plastering and to stop and whitewash the walls and ceilings throughout; to repair blackboards and defective woodwork; to re-hang class-room doors to open outwards; to construct and erect a large glass partition in the girls' department; to repair down pipes and water service; to construct a new picket fence along the east boundary of the School Reserve; to repair the gates, and to clean and repair the outbuildings.

SCHOOL FURNITURE.

Jacob Sehl, Contractor, $750.

Furnishing and fitting up in the Central School 100 new desks and seats with iron frames and hard wood finish.

The Government Buildings, James' Bay, have been kept in repair.

Government House has been maintained, and needed but unimportant repairs have been made.

Victoria District.

CEDAR HILL SCHOOL REPAIRS.

W. H. Smith, Contractor, $325.

To take off the old weather-boarding from the sides and front of the building and enclose it with rustic siding.

To erect an entrance porch with two hat and cloak-rooms, in accordance with plan and specification; to construct steps and to make necessary repairs; to paint all new woodwork two coats.

LAKE DISTRICT SCHOOL HOUSE.

Thos. Elliott, Contractor, $882.

To furnish all plant, labour and material to erect and complete a frame school-house 22x 40 feet, enclosed with rustic siding, lathed and plastered, painted two coats, fitted with desks, blackboards, cloak hooks, &c.

This building has heen erected upon the site occupied by the school-house which was destroyed by fire last year. An addition of a quarter of an acre has been made to the school grounds.

HILLSIDE ROAD CONSTRUCTION.

Noel Leclaire, Contractor, $420.

Forming and grading 545 yards 24 feet wide clear of the ditches, crowned 18 inches; ditching 1090 yards 3½ feet wide 1 foot deep; gravelling 545 yards 12 feet wide and 6 inches deep; 1 culvert 4 feet by 12 feet by 24 feet.

CADBORO BAY ROAD REPAIRS.

James Baker, Contractor, $311.

Forming and grading 525 yards 16 feet wide, and 166 yards 20 feet wide; gravelling 690 yards 9 to 10 feet wide and 6 inches deep, ruts and holes filled up, ditches cleared out and three new culverts put in.

LAKE DISTRICT ROAD, CONSTRUCTION.

Joseph Nicholson, Contractor, $3,175.

This road is a divergence from the West Saanich Road extending between the Prospect Lake Road and Thomas's. Following the valley of the outlet from the lake a nearly level grade has been obtained. Many settlers along its route and those in West Saanich generally will be benefited by this change.

Distance, 4⅜ miles; to be forest cleared 30 feet wide, graded 12 feet wide in the clear, ditched on upper sides; culverts 16 feet long, of sufficient opening, to be constructed where necessary or directed; one bridge 50 feet long and 12 feet wide; 600 feet of corduroy, &c., &c.

Wm. Thompson, Superintendent.

McTavish Cross Road.

Julius Brethour, Foreman.

300 yards cleared round the foot of Mount Newton; 1,000 yards levelled.
Forest cleared 400 yards, 32 feet wide.
Road graded 400 yards, 16 feet wide.
,, gravelled 250 yards, 8 feet wide, 8 inches deep.
Corduroy, 100 yards, covered.
5 culverts—1, 18 feet by 4 feet by 2 feet; 4, 18 feet by 2 feet by 1 foot.

New East Road round Mount Newton.

Julius Brethour, Foreman.

Forest cleared 1,000 yards, 40 feet wide.
Road graded 1,000 yards, 19 feet wide.
,, gravelled 140 yards, 9 feet wide, 9 inches deep.
,, ,, 120 yards, 9 feet wide, 7 inches deep.
140 yards repaired with gravel.
6 culverts—3, 19 feet by 3 feet by 1 foot; 3, 19 feet by 2 feet by 1 foot.

Road to Wharf.

Julius Brethour, Foreman.

Road gravelled 60 yards, 12 feet wide, 8 inches deep.

Wain's Cross Road.

Julius Brethour, Foreman.

Road graded 100 yards, 16 feet wide.
Road gravelled 100 yards, 9 feet wide, 8 inches deep.
Rocks and stumps removed, culverts repaired, and road put in good order.

School Cross Road.

Julius Brethour, Foreman.

Road put in good order, grubbed, graded, stones removed, gravelled, culverts repaired, and bridges repaired on West Road.

Cedar Hill Road.

Charles Pollock, Foreman.

Road gravelled 1,527 yards, 12 feet wide, 6 inches deep.

Cedar Hill Cross Road.

J. Nicholson, Foreman.

Road graded 990 yards, 16 feet wide.
,, gravelled 900 yards, 10 feet wide, 6 inches deep.
Two wooden culverts, 16 feet by 2 feet by 1½ feet.
Two culverts repaired.

Wilkinson's Cross Road.

W. H. Snider, Foreman.

Forest cleared 1,000 yards.
Road graded 1,200 yards, 16 feet wide.
,, ,, 1,450 ,, 10 ,,
Gravelled 755 ,, 9 ,, 4 inches deep.
Four culverts—1 wooden, 16 feet by 1½ feet by 1½ feet; 3 rock, 12 feet by 1½ feet by 1½ feet.
Hill near Lindsay's cut down 2 feet.
Bridge near Lindsay's re-covered and placed lower down the stream.

CAREY'S ROAD.

W. H. Snider, Foreman.

Forest cleared 600 yards.
Road graded 215 ,,
Gravelled 200 ,, 10 feet wide, 6 inches deep.
Road straightened near Griffiths'; grubbed and graded 150 yards.
Three hills cut down; five new culverts; four culverts re-covered.
Roots taken out from Wilkinson's cross road to the intersection of Cook's road.

BURNSIDE ROAD, FROM BRIDGR NEAR BELLAMY'S TO NEAR PORTER'S.

W. H. Snider, Foreman.

Forest cleared 1 mile along the sides.
Road gravelled 826 yards, 10 feet wide, 6 inches deep.
Bridge repaired; four new bents; approach and hand-rail.

SAANICH ROAD, FROM ROYAL OAK TO COMPANY'S HILL.

W. H. Snider, Foreman.

Road macadamized with rock broken to receive gravel, 530 yards, 10 feet wide, 6 inches deep.
Gravelled 530 yards, 10 feet wide, 4 inches deep.

EAST SAANICH ROAD.

W. Thompson, Foreman.

Road macadamized with rock 150 yards, 9 feet wide, 6 inches deep.
Gravelled 150 ,, 18 ,, 6 ,,
,, 400 ,, 10 ,, 6 ,,
Four culverts repaired; road gravelled from Heal's to Elk Lake.

BROWN'S CROSS ROAD.

W. Thomson, Foreman.

Road graded 1900 yards, 16 feet wide.
New bridge; length 25 feet, width 16 feet, height 8 feet; built of split cedar and round stringers.
Two new culverts, 32 feet by 1½ feet by 1 foot, and 17 feet by 2 feet by 2 feet.

EAST SAANICH ROAD.

W. Thomson, Foreman.

Road gravelled 1215 yards, 10 feet wide, 5 inches deep.
Bridge repaired, 180 feet hand-rail.

MOUNT NEWTON CROSS ROAD.

W. Thomson, Foreman.

Road graded 125 yards, 18 feet wide.
Gravelled 125 ,, 10 ,, 6 inches deep.
1 mile repaired with gravel.
A new culvert, 40 feet long, at Henderson's.

WEST SAANICH ROAD.

W. Thomson, Foreman.

Road gravelled 175 yards, 10 feet wide, 6 inches deep.
All holes filled with gravel between Stevens' and Prospect Lake Road.
Forest cleared 1 mile.
Holes filled with gravel 1 mile.
Two new culverts, each 20 feet by 1¼ feet by 2 feet.
Ditches cleared out for over a mile; new tail drains cut for culverts.

West Road, North Saanich.

Julius Brethour, Foreman.

Two new bridges, each 23 by 16 by 6 feet; abutments of cribwork; five 10-inch diameter stringers in each bridge, covered with 3-inch plank, hand-railing, &c.

Cordova Bay Road.

W. H. Snider, Foreman.

Forest clearing, grading, corduroying and bridging from Touet's to Pusey's.

Gorge Road.

Samuel Morrow, Foreman.

Clearing out ditches and dressing in gravel; filling up ruts and holes, near Adams', with rock, and gravelling 260 yards 12 feet wide and 6 inches deep.

Esquimalt District.

Road Divergence at Naylor's Hill, Sooke.

Joseph Nicholson, Contractor, $1,375.

Forest clearing, 1⅜ miles, 30 feet wide.
Grading 2,420 yards, 16 ,,
Removing rocks, boulders, logs, etc., 20 feet wide.
Corduroying 16 feet wide over all soft places; seven culverts, 18 feet long.
1 bridge, 50 feet long, 12 feet high.
1 ,, 40 ,, 10 ,,
Side hills cribbed and rock blasted where required.
This divergence in the Sooke road has been made for the purpose of obtaining an easy grade, the old road passing over Naylor's hill being excessively steep.

Happy Valley Road, Metchosin.

James Baker, Contractor, $720.

Grubbing 800 yards, 20 feet wide.
Grading 1,046 ,, 16 ,,
Gravelling 1,050 ,, 10 ,, 6 inches deep.
Ditching 2,000 ,, 2 ,, 8 ,,
Raising and re-building a bridge; providing new stringers, bents and crib abutments.

Swamp Bridge, Sooke.

Robert Muir, Foreman.

Flooring the bridge throughout with plank, and putting on new hand-railing and ribbons; repairing approaches.

Sooke Road.

Samuel Morrow, Foreman.

Road divergence marked out round Naylor's hill.

Goldstream Road.

Samuel Morrow, Foreman.

Road widened 5 feet, 2,640 yards.
,, grubbed and graded, 2,700 yards.
A fresh grade made, in order to avoid a sharp curve, 50 yards.
1 culvert enlarged.
Ditching 40 yards, 3 feet by 2 feet.

METCHOSIN ROAD.

Samuel Morrow, Foreman.

Between Helgesen's and Gleede's the road was widened 5 feet, for 300 yards, and widened 7 feet for 350 yards, and the grade improved by cutting off two bends. Two culverts were lengthened 8 feet, and 350 yards of ditching done on road side.

Near Helgesen's, the road was widened 7 feet for 450 yards; a knoll cut down and a hollow filled; road gravelled 225 yards, 10 feet by 6 inches; also a culvert lengthened 8 feet.

West of Parsons' bridge the side of the road trimmed, and ditches cleared; for 250 yards all large stones projecting were broken and removed; road gravelled 1,280 yards 10 feet by 6 inches.

East of Parsons' bridge the road was generally repaired, and for 300 yards all large projecting stones broken and removed.
Road macadamized with rock 80 yards, 10 feet by 5 inches.
Road gravelled 220 yards, 10 feet by 5 inches.

BEECHER BAY ROAD.

Samuel Morrow, Foreman.

Road graded, grubbed and hills cut down, ruts filled, etc.; 4 culverts built, averaging 17 feet by 3 feet by 2 feet.

ESQUIMALT AND VICTORIA ROAD.

Samuel Morrow, Foreman.

Road generally repaired, from Esquimalt to Point Ellice Bridge; holes filled with broken stone; ditches cleared, and sides of road trimmed; filled all holes on Esquimalt street with broken rock.

HIGHLAND DISTRICT ROAD.

Samuel Morrow, Foreman.

Road grubbed, graded and generally put in good repair, ditches cleaned out, etc.; bridge re-covered and culverts renewed.

SOOKE SCHOOL.

Renewal of flooring, and general repairs to the building and furniture.

Cowichan District.

MAYNE ISLAND ROAD.

Wm. Millington, Contractor, $125.

Forest clearing, 1,300 yards, 20 feet wide.
Grading sleigh road, 1,300 yards, 12 feet wide.
This is the first section of a road which runs from Miner's Bay, in an easterly direction, across Mayne Island. Tenders were invited for the construction of the remaining section, but the bids received were much in excess of the sum available for the service. The work was subsequently carried out by day labour, under an experienced foreman.

QUAMICHAN TRUNK ROAD REPAIRS.

W. C. Brown, Contractor, $90.

To remove and re-build fences, to straighten the line of road, to clear out water-courses, round up the road bed and to gravel 235 yards, 12 feet wide, 9 inches deep.

COPLEY'S ROAD.

James Dougan, Contractor, $360.

Forest clearing, 2,990 yards, 15 feet wide.
Grubbing and grading, 2,990 yards, 8 feet wide.
4 culverts, average, 15 feet by 7 feet by 2 feet.

ROAD FROM RICHARDSON'S TO THE JUNCTION (REPAIRS).

John McPherson, Contractor, $400.

Forest clearing, 1,890 yards, 20 feet wide.
Grubbing, 1,890 „ 12 „
Grading, 1,890 „ 12 „
All necessary ditching.
9 culverts, 15 feet by 6 feet by 2 feet average.

TRUNK ROAD, CHEMAINUS (REPAIRS).

N. W. Campbell, Contractor, $492.80.

To fill in all ruts and holes, from the Big Tree to the Junction with the Old Road; and to gravel one mile.

TRUNK ROAD REPAIRS.

Thos. P. Windsor, Contractor, $330.

General repairs to the road, from the Big Tree, Chemainus, to Holmesdale, Quamichan.

GOLDSTREAM AND COWICHAN ROAD—SECTION 1.

George Waugh, Contractor, $8,762.

Forest clearing, 14¼ miles, 20 feet wide.
Grading, 14¼ „ 12 „
Ditching, corduroying, bridging, blasting, and other necessary work as specified for the construction of a good waggon-road.

Shortly after the commencement of work upon this contract, suspicions were entertained as to the bonâ fides of the contractor, and precautions were taken to protect the labourers from possible loss of wages; but before one-third of the work had been completed, the contractor absconded, leaving many claims unsettled. Possession of all plant and tools upon the works was immediately taken by the Department, and the contractor's bondsmen notified. Work was resumed by the Government, under the superintendence of Mr. John Nicholson, who has completed the construction of the road in a satisfactory manner.

GOLDSTREAM AND COWICHAN ROAD—SECTION 2.

George Jones, Contractor, $1,300.

Distance, 13½ miles. To cut out and remove all fallen timber, brush, boulders, &c., &c., so as to leave the road and ditches a clear width of 16 feet; to re-form the grade and repair all defective bridges and culverts; to open up ditches and water-courses; and to leave the road in good order for traffic.

SHAWNIGAN.

James Boal, Foreman.

Rebuilding the bridge burnt, over the Mill Creek, near Shawnigan Lake.

SHAWNIGAN MILL ROAD.

Peter McLennan, Foreman.
Road generally repaired.

BRIDGE NEAR NORTHCOTE'S.

J. Boal, Foreman.

Two new bents (70 feet) and a new hand-rail.

WHARF AT SOUTH COWICHAN.

Peter McLennan, Foreman, and J. Boal, Foreman.

New piles driven and wharf generally repaired.

KOKASAILAH RIVER.

Peter McLennan, Foreman.

The lower bridge taken to pieces, moved to the old site, and there reconstructed; fresh timbers added; drift pile on the river cut away.

NEW ROAD FROM COWICHAN WHARF TO MARSHALL'S, ALONG THE SEA BEACH.
Peter McLennan, Foreman.
Road partly constructed.

TRUNK ROAD, THAIN'S TOWARDS COWICHAN WHARF.
Peter McLennan, Foreman.
Road thoroughly repaired.

CHURCH HILL TOWARDS SOMENOS.
Henry Marriner, Foreman.
Road thoroughly repaired.

NEW ROAD ON THE EAST SIDE OF THE OLD STONE CHURCH, NEAR COMIAKEN VILLAGE.
George Jones, Foreman.
Road constructed.

NEW ROAD, CURRIE'S TO SAATLAM, ON THE COWICHAN RIVER.
David Evans, Foreman.
Road constructed.

NEW ROAD, KEMP'S TO GLENORA TRAIL.
Alexander Blyth, Foreman.
Road constructed; new bridge built, 48 feet in length.

THAIN'S ROAD.
Peter McLennan, Foreman,
Road thoroughly repaired.

KOKASAILAH ROAD.
Peter McLennan, Foreman.
Road repaired.

Salt Spring Island, Cowichan District.

NORTHERN SETTLEMENT ROAD.
Joel Broadwell, Foreman.
Road widened and repaired.
Road repaired from Vesuvius Bay to School-house, 2½ miles.
Bridge built, 42 feet long, 12 feet wide, 10 feet high, of rough cedar
Sleigh road made, 30 yards, 20 feet wide.
Graded, 37 ,, 12 ,,
1 culvert, 14 feet by 12 feet by 4 feet.
1 ,, 12 ,, 2 ,, 1 ,,
1 ,, 6 ,, 16 ,, 4 ,,
1 ,, 4 ,, 14 ,, 3 ,,
4 ,, of smaller size.

BURGOYNE BAY ROAD.
Theo. Trage, Foreman.
Road graded, 1,267 yards, 10 feet wide.
,, 100 ,, 12 ,,
,, 83 ,, 20 ,,
Corduroy, 20 ,, 10 ,,
Gravelling, 24 ,, 12 ,, 4 in. deep.
,, 6 ,, 6 ,, 6 ,,

2 bridges of wood, each 56 feet long, 10 feet wide, 4 feet high.
2 culverts, each 12 feet by 12 feet by 2 feet.
1 bridge repaired.
Sleigh road made, 4 miles, 8 feet wide.
Gravelled, 300 yards, 8 feet wide, 4 in. deep.
Corduroy, 7 ,, 15 ,,
1 bridge built, 40 feet long, 15 feet wide, 5 feet high.
1 ,, 33 ,, 15 ,, 7 ,,
2 culverts, 15 feet by 4 feet by 1½ feet.
1 ,, 18 ,, 15 ,, 4 ,,
1 ,, 18 ,, 6 ,, 1½ ,,
1 ,, 18 ,, 4 ,, 1½ ,,
The wharf at Burgoyne Bay covered and repaired.

Nanaimo District.

FENCING WELLINGTON SCHOOL GROUNDS.

Levi McCutcheon, Contractor, $150.

To provide all plant, labour and material, and to erect 480 feet of picket fence, having two gates, etc., all as per plan and specification.

CEDAR DISTRICT SCHOOL HOUSE.

W. E. Blackett, Contractor, $291.

The erection and completion of a frame building 18x24 feet, 12 feet from floor to ceiling; enclosed with rough weather-boarding, and lined and ceiled with tongue and grooved flooring; dressed lumber, painted in two coats.

GABRIOLA SCHOOL HOUSE.

A. J. Dixon, Contractor, $119.

Construction of a porch and platform in front of the building; lining the inside walls and ceiling with tongue and grooved lumber; the whole of the surfaced woodwork inside and out to be painted two coats; the construction of a woodshed and latrines.

NANAIMO RIVER BRIDGE.

W. E. Blackett, Contractor, $2,774.

To remove the old bridge; to construct a crib of squared timber on each of the stone abutments in the manner and to the height indicated by the drawings; to erect a Howe truss bridge, having a clear span of 163 feet, resting upon the crib and stone abutments, and constructed in accordance with detailed plans and specifications.

MILLSTONE RIVER BRIDGE.

Joseph Sage, Contractor, $1,175.

To construct a new bridge over the Millstone River at Nanaimo City, composed of six spans of 45 feet each, and two spans of 35 feet each, making a total length of 340 feet, supported by bents, 4 piles to each bent. The roadway is 18 feet wide, is protected by a strong hand-railing, and has a grade of 1 in 48, rising towards Newcastle.

TRAIL TO NANAIMO LAKE.

Robert Grant, Contractor, $384.

To select a route for a trail between a certain point on the Harewood road and the lower Nanaimo River Lake, which shall afford good grades, etc.; to do all requisite clearing grading, bridging and corduroying for the purpose of making the trail suitable for pack or saddle animals.

CRANBERRY DISTRICT ROAD.

Hill & Dolan, Contractors, 45 cents per lineal yard.

Forest clearing, 24 feet wide.
Grubbing 20 ,,
Forming and grading, 16 feet wide.
Ditching on both sides, 2 feet wide, 10 inches deep.
Culverts (where required) 1 foot by 2 feet by 18 feet, with proper fall and tail drains.

NANOOSE ROAD.

Robert Grant, Contractor, 39 cents per lineal yard.

Forest clearing, 20 feet wide.
Grubbing and grading, 13 feet wide.
Ditching 2 feet wide, 10 inches deep, where required; culverts, etc.

WELLINGTON ROAD.

Samuel Price, Foreman.

Road widened to 28 feet.

,,	graded	1,950	yards,	28	feet wide.	
,,	gravelled	950	,,	20	,,	10 inches deep.
,,	,,	1,100	,,	25	,,	8 ,,
,,	,,	275	,,	28	,,	8 ,,

Nine culverts—six, 28 feet by 2 feet by $1\frac{1}{4}$ feet.
Three, 28 ,, 2 ,, 2 ,, one of stone.
An old bridge removed, place filled in, and a culvert built.
100 yards of cribbing and filling in on road, 28 feet by $4\frac{1}{2}$ feet.

VICTORIA ROAD.

Samuel Price, Foreman.

Brush and timber cut away, 18 feet wide, for 12 miles.

Forest cleared	460	yards,	20	,,		
Road graded	460	,,	18	,,		
,, ,,	2,300	,,	14	,,		
,, rock	7	,,	6	,,	$2\frac{1}{2}$	inches deep.
,, gravelled	500	,,	12	,,	8	,,
,, ,	800	,,	12	,,	6	,,
,, ,,	2,350	,,	10	,,	4	,,
,, ,,	1,200	,,	9	,,	4	,,

Covered 120 yards of corduroy; 50 yards of road filled in near Halloran's; bridges repaired at 15 and 16-mile posts, at Chase River and South Field crossing, and 30 feet removed from a bridge and the place filled in.
Temporary ford made at Nanaimo Bridge, rock blasted and approaches to bridge filled in.
Nine culverts built—one, 20 feet by $1\frac{1}{4}$ feet by $1\frac{1}{4}$ feet.
Five, 15 ,, 2 ,, $1\frac{1}{4}$,,
Three, 15 ,, $1\frac{1}{4}$,, $1\frac{1}{4}$,,

COMOX ROAD AND TRAIL.

Samuel Price, Foreman.

Road graded, 600 yards, 14 feet wide.
Corduroy, 65 ,, 10 ,,
8 culverts built, each 16 feet by $1\frac{1}{4}$ feet by $1\frac{1}{4}$ feet.
Bridge at Nanoose raised, and new sills added.
Road generally repaired from Morgan's farm to head of Nanoose Bay.

ENGLISHMAN'S RIVER ROAD.

Samuel Price, Foreman.

Generally repaired.

BENNIE AND DOLAN'S ROAD.

Samuel Price, Foreman.

Road graded, 60 yards, 15 feet wide.
Gravelled, 70 „ 9 , 4 in. deep.

TRAIL TO QUALICUM.

Samuel Price, Foreman.

Trail cleared.
Corduroy and bridges re aired.

TRAIL TO ALBERNI.

Samuel Price, Foreman.

Brush and fallen timber cleared away.
Corduroy and bridges repaired.

GORDON, HALLORAN, MARWICK, BIGGS, AND CRAWFORD'S ROAD.

Samuel Price, Foreman.

Forest cleared, 1,200 yards, 16 feet wide.
Road graded, 1,200 „ 12 „
Corduroy, 26 „ 12 „
Road filled in, 40 „ 12 „ 1 foot deep.

GORDON, CRAWFORD, AND BRYDEN'S ROAD.

Samuel Price, Foreman.

Forest cleared, 450 yards, 16 feet wide.
Road graded, 450 „ 12 „
Corduroy, 30 „ 12 „

FIDDICK'S ROAD.

Samuel Price, Foreman.

Road gravelled, 200 yards, 9 feet wide, 6 in. deep.

GABRIOLA ISLAND—NORTH END.

J. W. Pimberthy, Foreman.

Trail, 1,000 yards, 5 feet wide.
Bridge, 18 feet long, 10 feet wide, 4 feet high, built of rough timber, covered with split cedar.
4 culverts, each 14 feet by 2 feet by 1 foot.
Road, bridges, &c., thoroughly repaired, from LeBœuf's to School-house.

GABRIOLA ISLAND—SOUTH END.

R. Chapple, Foreman.

Rock blasted and road widened down the hill to the wharf, and the road generally repaired from the road leading to the wharf to the lower end of the island.

ALBERNI COLONIZATION ROAD.

James W. Lawson, Foreman.

The construction of a sleigh road, 10 feet in width, extending up the valley of the Somass River a distance of seven miles.

Comox District.

SECTION B.

A. Milligan, Foreman.

Road repaired, stones removed, and holes filled.
A ditch cut, 600 yards in length.
2 culverts built, each 14 feet by 2 feet by 2 feet.

SECTION D.

A. Milligan, Foreman.

Road graded, 240 yards, 14 feet wide.
Gravelled, 578 ,,
Old corduroy bridge removed, place filled in, and a culvert built, 14 feet by 6 feet by 3 feet.

MAIN ROAD, FROM JUNCTION OF THE RIVERS TO DUNCAN'S HOUSE.

A. Milligan, Foreman.

Road graded, 460 yards, 18 feet wide.
Gravelled, 460 ,, 9 ,, 8 in. deep.

BRIDGES' CROSS ROAD.

A. Milligan, Foreman.

Brush cut away, bridges re-covered.
A fence that was in the centre of the road moved to its proper place.

ROAD BETWEEN PIDCOCK'S BRIDGE AND SCOTT'S.

A. Milligan, Foreman.

Brush and fallen timber removed.
1 bridge built, 12 feet long, 12 feet wide, 3 feet high, 12 in. stringers, near Pidcock's.
1 ,, 30 ,, 14 ,, 3 ,, 16 in. stringers, on Scott's creek.

LOWER PRAIRIE ROAD.

A. Milligan, Foreman.

Bridge built near Wilson's junction, 22 feet long, 14 feet wide, 7 feet high.
15-in. stringers covered with 3-in. plank.

MCKELVEY'S ROAD.

A. Milligan, Foreman.

Road graded, 400 yards.
Gravelled, 700 ,, 9 feet wide, 6 in. deep.

TSOLUM RIVER BRIDGE.

A. Milligan, Foreman.

Bridge repaired and strengthened with new timbers.

UPPER ROAD.

A. Milligan, Foreman.

Stones removed, between Mission and Machin's.
A culvert built, 14 feet by 2 feet by 2 feet.

ROAD FROM BECKWISELL'S TO WILLIAMS', AT POINT HOLMES.

A. Milligan, Foreman.

Road grubbed; brush, stones, and roots removed

PLEASANT VALLEY ROAD.

A. Milligan, Foreman.

Road grubbed and brushed.

BACK ROAD.

A. Milligan, Foreman.

Stumps, stones, and roots removed.
Corduroy built, 7 yards, 14 feet wide.

GRIEVE'S ROAD.

A. Milligan, Foreman.

All holes filled and culverts repaired.

MILLER'S ROAD. from the new Point Holmes road to Miller's boundary, at Little River.

A. Milligan, Foreman.

Forest cleared, 2½ miles, 14 feet wide.
Corduroy built, 20 yds., 14 ,,

Necessary repairs have been made to the Comox wharf, to facilitate which a suitable iron hammer and other appliances for pile driving have been provided.

The site for a wharf at Denman Island has been selected, and plans have been prepared and tenders invited for its construction.

Roads on Hornby Island have been repaired.

New Westminster District.

ASYLUM FOR THE INSANE.

McKillican & Anderson, Contractors, $22,500.

The Asylum works embraced in this contract consist of an additional wing 100 feet by 36 feet, and a projecting front 36 feet by 36 feet, two stories in height, constructed of brick upon stone foundations, erected at the north-east corner of the old building.

The new wing contains a large dining-room, patients' sitting-room, steward's and matron's room, visitors' room, assistants' room, sleeping rooms, bath, toilet, &c., and a corridor 10 feet wide on the ground floor.

In the second story there are sleeping rooms, closets, corridor, &c.

The basement affords ample room for cellars and kitchen, &c.

The new wing is well finished throughout, water is laid on, and good ventilation and drainage provided.

Alterations, additions, and improvements have been made to the old building.

The contract also includes the erection of a two-story frame building as a dwelling for the Resident Physician. This house is well finished, and has all necessary conveniences.

The Asylum buildings, with ten acres of ground, have been enclosed by a strong board and picket fence.

NEW GAOL.

Architects were invited to submit competitive plans for a gaol to be erected in New Westminster City. The designs furnished by Messrs. Palliser, Palliser, & Co., of Bridgeport, Connecticut, were accepted, and tenders for construction were invited as soon as the detail drawings and specifications had been prepared. The bids received were, however, considered excessively high, and a contract was not awarded.

The plans and specifications were subsequently amended, with a view to reducing the cost of construction, though the general characteristics of the design were preserved.

Tenders were again invited, and a contract awarded to Messrs. Carkeek Bros.

The front elevation presents a building three stories in height having architectural proportions and effective outlines. This main portion is 32 feet by 112 feet. Upon the basement floor is situated a large kitchen, and adjacent thereto a laundry and drying-room, each fitted with all requisite fixtures for culinary and laundry purposes, and having openings, protected by iron, through which food, clothing, &c., can be passed into the

prisoners' wards. Upon the same floor there is a dining-room and kitchen for the use of the prison officials.

On the first floor there is a large office, a visitors' room, and gaolers' quarters, baths, &c.

On the second floor there is a chapel, library, and chambers.

On the left-hand side of the main building is situated the female ward. Projecting from the rear is the male ward, measuring 40 feet by 84 feet. The cells are arranged in three tiers, and are sufficient for 90 prisoners, including 12 females.

The walls and main partitions are of brick upon stone foundations. Ventilation and drainage are well provided for. The windows, doors, and interior fittings, &c., are all amply strong and well secured.

LAND REGISTRY OFFICE.

Hoy & Fry, Contractors, $1,787.

To furnish all plant, labour, and material necessary for the erection and completion of a frame building 20 feet by 40 feet, containing two offices, a fire-proof vault 6 feet by 10 feet, and all requisite interior fittings. The building is enclosed with rustic siding, and is finished in a first-class manner; the exterior being made to correspond with that of the Court House and Government Offices, to which it is adjacent.

MOUNT LEHMAN SCHOOL HOUSE (WEST MATSQUI).

J. K. Nelson, Contractor, $475.

To furnish all labour and materials required to erect a frame building 18 feet by 26 feet, with porch, &c., well finished and furnished with desks and seats. All dressed lumber painted in two-coat work.

LANGLEY SCHOOL HOUSE.

Kenneth McIver, Contractor, $348.

A frame building 18 feet by 24 feet, enclosed with rough weather-boarding, double floors, walls and ceiling lined with tongue and grooved well-seasoned lumber. The whole of the dressed lumber painted two coats of lead and oil. Platform, cloak hooks, &c.

CANOE PASS SCHOOL HOUSE.

Samuel Calbick, Contractor, $298.

A frame building 18 feet by 24 feet, supported on strong cedar posts set about 6 feet apart, and standing 3 feet above the ground, enclosed with rough weather-boarding, having a double floor and being lined and ceiled with tongue and grooved flooring. All the dressed lumber painted two coats.

CLOVER VALLEY SCHOOL HOUSE.

John J. Morton, Contractor, $75.

Fencing the school site and making repairs to the out offices, well, &c.

NEW WESTMINSTER AND GRANVILLE TRUNK ROAD.

McDougall Bros., Contractors, $12,970.

The route followed by this road is by way of Edinburgh Street; thence in a north-westerly direction by a line running in the vicinity of the old False Creek Trail to a junction with the Granville and North Arm Road, a distance of nearly 8½ miles.

The whole distance to be forest cleared 40 feet wide; to be grubbed 22 feet wide; to be graded 18 feet wide in the clear between ditches, the centre of the roadway to be crowned 12 inches; to be ditched on both sides; bridges, culverts, and corduroying to be constructed at the places and in the manner set forth, in detail, in the specifications; to gravel such places as the Superintendent might direct 12 feet wide and 6 inches deep; the aggregate length of such gravelling not to exceed 2,000 lineal yards. The whole, when completed, to form a first-class waggon road suitable for heavy traffic, with easy and well formed grades.

The Contractors and the Superintendent of the work not being able to agree upon what was necessary to be done to finally complete the contract, the Surveyor-General made a personal examination of the work, and reported as follows:—

"NEW WESTMINSTER,
"24th September, 1884.

"SIR,—In compliance with your instructions, I have made a thoroughly careful examination of the New Westminster and Granville waggon road, accompanied by Mr. Ross and the Contractor, and have the honour to report that the requirements of the contract, with respect to forest clearing, grubbing, grading, ditching, corduroying, bridging, and culverts, have been carried out in a workmanlike and efficient manner.

"The length of time which has elapsed since the grading was done, has resulted in unequal settlement at various places, a consequence to be expected, and of no great detriment.

"Owing to the level surface of two or three swamps which are crossed, it has been found difficult to construct tail drains which will entirely prevent water from standing in the side ditches.

"A small quantity of inflammable material near the bridges has to be removed, and this the contractor agrees to do.

"The only fault I can find with the work is the quality of the material which the contractor has placed upon the road for gravel; as such it cannot be accepted.

"I have staked out and indicated those places which require to be gravelled (aggregating 660 yards), in addition to what has already been done. Some additional corduroying has also been provided for.

"The contractor has constructed numerous culverts not provided for in the specifications, for which he should be paid, provided he completes the work now ordered in a satisfactory manner.

"Mr. Ross will report further progress shortly.

"I have, &c.

"*The Hon. Chief Commissioner of* (Signed) "W. S. GORE,
"*Lands and Works, Victoria, B. C.*" "*Surveyor-General.*

The Contractor refused to perform the work ordered by the Surveyor-General as necessary for the completion of his contract, on the ground that he had disposed of all his plant.

Subsequently, a settlement was agreed upon, and payment in full of all claims was made to the contractor, five hundred dollars being deducted from the contract price and retained by the Government to complete the work ordered to be done.

NICOMEKL BRIDGE, SEMIAHMOO BAY ROAD.

W. C. McDougall, Contractor, $835.

The length of this bridge is 304 feet, composed of nine spans of 30 feet each and one draw-span of 34 feet. Each bent is formed by five piles, well driven and sway braced. The roadway is 12 feet wide, and has a hand-railing on each side. The draw-span moves on 4-inch diameter rollers, running on three rails formed with 1¼-inch diameter round iron let into the floor plank, and is operated by levers and ratchets which turn a drum, round which passes a ½-inch chain, connected with each end of the draw.

NICOMEKL BRIDGE, COAST MERIDIAN ROAD.

W. C. McDougall, Contractor, $750.

This bridge which has a total length of 140 feet, has a draw-span of 34 feet, and is similar in all respects to the bridge on the Semiahmoo road described above.

NORTH ARM TRAIL ROAD.

Joseph M. Wise, Contractor, $2,600.

Forest clearing, 20 feet wide; grubbing, 12 feet wide; grading, 12 feet wide; to be brushed where necessary, ditched on each side, culverts made where requisite; five bridges, from 30 to 85 feet long, and from 8 to 15 feet high, 12 feet wide.

PORT MOODY ROAD. Section 1—Port Moody-Clarke Road.

Jos. M. Wise, Contractor, $3,336.

About two miles new road.

PORT MOODY ROAD. Section 2—Junction of Clarke Road to Penitentiary.

J. M. Wise, Contractor, $2,174.

About 3½ miles new road.

PORT MOODY ROAD, from Junction of Clarke Road to end of North Road at Port Moody.
Archie Burns, Contractor, $750.
About 2½ miles general repairs.

PORT MOODY ROAD.
J. M. Wise, Contractor, $300.
Corduroying and gravelling, 440 yards, on the Clarke road.

NORTH ARM SUBURBAN ROAD.
Wm. McDonald, Foreman.
About 14 chains new road with bridge, through New Westminster Suburban Lots, $200.

COQUITLAM-PITTENDRIGH ROAD.
Alex. McLean, Jr., Foreman.
About six miles new road, from Coquitlam to Pittendrigh's, $500.

NEW ROAD ACROSS HARRIS FLATS, PITT MEADOWS.
Grant to Maple Ridge Corporation, $500.

KANAKA CREEK ROAD.
About 2½ miles new road.
Grant to Maple Ridge Corporation, $800.

NEW ROAD ON CENTRAL LINE THROUGH TOWNSHIP NO. 12, about 2 miles.
Grant to Maple Ridge Corporation, $300.

WHARNOCK ROAD IN TOWNSHIP NO. 15, about 2 miles.
Grant to Maple Ridge Corporation, $200.

MISSION COLONIZATION ROAD.
Geo. Newton, Foreman.
About 3 miles new road, $800.

BURTON PRAIRIE ROAD.
Ralph Burton, Foreman.
About 2½ miles new road, $500.

JOHNSTON SETTLEMENT ROAD.
Jas. Johnston, Foreman.
About 4 miles new road, $650.

COAST MERIDIAN-SERPENTINE FLATS ROAD.
Geo. Boothroyd, Contractor.
About 1½ miles new road, $500.

COAST MERIDIAN-NICOMEKL FLATS ROAD.
W. Shannon, Contractor, $893.
About 3 miles new road.

CLOVER VALLEY ROAD.
J. W. Pickard, Contractor, $500.
About 1½ miles new road.

TRUNK ROAD, LANGLEY MUNICIPALITY.
Grant to Langley Council, $2,500.

MORRISON ROAD.

W. Harris, Foreman.
About 4 miles new road, $500.

CROMARTY-MATHERS ROAD.

— McMillan, Foreman.
About 3½ miles new road, $570.

COLONIZATION ROAD, BETWEEN TOWNSHIPS 10, 11 AND 13, 14.

H. D. Benson, Foreman.
About 4 miles new road, $500.

HALL'S PRAIRIE ROAD—EXTENSION TO BOUNDARY LINE.

— Hart, Contractor, $200.
1½ miles new road.

MOUNT LEHMAN LANDING ROAD.

H. D. Benson, Foreman.
New road, $500.

MOUNT LEHMAN EXTENSION ROAD.

H. D. Benson, Foreman.
New road, $200.

SWORD-MACLURE ROAD.

J. Barnes, Contractor, $365.
2 miles new road.

ACKERMAN SETTLEMENT ROAD.

O. B. Ackerman, Foreman.
2 miles new road, $200.

SUMAS LAKE SHORE ROAD.

H. Barker, Contractor, $200.
16 miles new road.

NEW WESTMINSTER-HASTINGS ROAD.

John Sprott, Foreman.
Corduroying, cleaning ditches and general repairs

HASTINGS-GRANVILLE ROAD.

Repairing bridges and general repairs by Granville chaing-gang

GRANVILLE-NORTH ARM ROAD.

General Repairs by Granville chain-gang.

NORTH ARM TRAIL.

W. Rowling, Foreman.
Straightening road and general repairs.

MOODY ROAD.

Jno. Shennan, Foreman.
Filling ruts and cleaning water-courses.

PITT RIVER ROAD.

J. McCallum, Foreman.
Cleaning ditches and general repairs.

TRUNK ROAD, DELTA MUNICIPALITY.

Grant to Council for general repairs, $1,000.

YALE TRUNK ROAD. Section 1—New Westminster to Langley.

A. Innes, Foreman.
Gravelling and general repairs.

HALL'S PRAIRIE ROAD.

D. M. McKenzie, Foreman.
Corduroying and general repairs.

COAST MERIDIAN ROAD.

A. Anderson, contractor.
Approaches and clearing to Nicomekl bridge, $100.

YALE TRUNK ROAD. Section 2—Langley to Sumas.

H. D. Benson, Foreman.
Clearing and general repairs.

COMPLETING AND DITCHING GAZETTED ROAD, between Lots 276 and 277, Township 23.

Jas. L. Chadsey, Contractor, $275.

BALANCE CONTRACT ST. ANDREWS' FLATS ROAD.

A. Jones, Contractor, $240.

SCOTT ROAD DEVIATION.

Jno. Orr, Foreman.
27 chains new road to ease grade.

SUNDRY REPAIRS WITHIN THE LIMITS OF CHILLIWHACK MUNICIPALITY.

Government Grant, $1,000.

REPAIRS TO ROADS IN CHILLIWHACK DAMAGED BY FRESHETS.

Grant to Municipality, $1,000.

TRUNK ROAD BETWEEN CHILLIWHACK BRIDGE AND SHANNON MOUNTAIN.

General repairs.
Grant to Corporation, $1,500.

Yale-Cariboo Waggon Road.

SECTION 1.—TRUNK ROAD FROM YALE TO LYTTON, 57 MILES.

Neil Black, Foreman; Salary, $150 per month.

Month.	Nature of Work.	No. of Men.	No. of Days.	Rate per diem.
January	Keeping the road open, shovelling snow, cutting ice, and removing slides, &c.	15	77	$1 50 to $3 00
February	Removing rocks and slides, and general repairs	5	70½	$2 69
March	Repairs along the whole section; rocks and slides removed; gravelled 276 yards, 12 feet wide, 10 to 12 inches deep; 1 bridge covered with 4-inch plank, 90 feet in length; 4 new stringers, 12x18 inches, in a 42-foot bridge; also ribbons, 8x8 inches; 4 culverts of round timber—1 20x8x2½ feet, 1 18x7x4 feet, 1 22x10x3 feet, 1 18x12x2 feet, covered with 4-inch plank; cribbing, 107 feet 12 feet high, 47 feet 10½ feet high, 54 feet 14 feet high; stone wall, 49 feet 11½ feet high, 32 feet 8 feet high, 42 feet 9 feet high, 27 feet 5 feet high	14	229	$2 69 to $3 19
April	General repairs along the whole section; rocks and slides removed, &c.; 1 bridge covered with 4-inch plank, 104x18 feet, new hand-rail 4x4 inches, ribbon 8x8 inches, squared; bridge, 8 new stringers 12x18 inches, squared, 42 feet, and covered 18 feet with 4-inch plank; bridge, 4 new stringers 12x18 inches, squared, 27 feet in length and covered with 7-inch flattened timber; 2 culverts of round timber, 22x9x4 feet and 18x2x3½ feet; cribbing, 42 feet, from 6 to 8 feet high; stone wall, 106 feet, from 8 to 14 feet high	12	327	$2 14 to $3 19
May	Removing slides and making general repairs; Alexandra bridge repaired, covered with 10,000 feet of 3-inch plank, 257x14 feet; also, the towers supported with timbers 20 inches square	13	306	$2 00 to $3 19
July	Removing rocks and slides and keeping roadway clear and bridges in repair	6	132	$2 69
August	Removing rocks and slides and keeping roadway clear for traffic; repairing bridges, culverts, water-courses, &c.: stone wall built, 42 feet 12 feet high	6	110	$2 69 to $3 00
September	Removing rocks and slides and making general repairs	5	106	$2 69
October	Removing rocks and slides, cleaning culverts and water-courses, and making general repairs to the road and bridges	6	116	$2 69
November	Removing rocks and slides, keeping road-bed clear, cleaning culverts and water-courses; 2 new culverts, 1 18x8x2½ feet, 1 18x11x5 feet; stone wall built, 34 feet by 10½ feet high, 22 feet by 8 feet high	4	90	$2 69

SECTION 2.—TRUNK ROAD.—LYTTON TO CACHE CREEK, 53 MILES.

A. Stevenson, Foreman; Salary, $150 per month.

Month.	Nature of Work.	No. of Men.	No. of Days.	Rate per diem.
January	Cutting ice, shovelling snow and gravel slides	3	50	$2 59 to $3 00
March	Clearing the road of rock and gravel slides, filling up ruts, opening water-courses, ditches and culverts; road gravelled 200 yards, 10 feet wide, 10 inches deep; cribbing, 70 feet, 10 feet to 12 feet high; stone wall, 40 yards, 4 feet high	14	194	$1 00 to $3 00
April	Clearing away rock and gravel slides and stumps, filling up ruts and opening culverts and ditches; gravelled 300 yards, 12 feet wide and 10 inches deep; cribbing, 55 yards, 4 to 6 feet high	16	340	$2 00 to $3 00
May	General repairs made, ruts filled up and gravel slides removed; road graded 150 yards, 14 feet wide; gravelled, 300 yards, 12 feet wide, 10 inches deep; bridge built, 25x 18x12 feet, stringers 12x16 inches, covered with small trees hewed to 6 inches; 3 culverts built of round logs—1 30x2x 1 ft., 1 14x2x1 ft., 1 18x1x1 ft.; cribbing, 120 feet 15 feet high, 40 feet 4 feet high; stone wall, 50 feet 3 feet high	15	290	$2 59 to $3 33
June	Ruts filled and slides removed	5	54	$2 59
July	Ruts filled and slides removed	4	88	$2 00 to $2 59
August	1 new bridge, 36x16x10 feet; 1 bridge re-covered	9	180	$2 50 to $3 00
Sept., Oct., Nov.	Section man making general repairs and opening up water-courses	5	243	$2 50

SECTION 3.—TRUNK ROAD.—CACHE CREEK TO BRIDGE CREEK, 79 MILES.

James Robertson, Foreman; Salary, $130 per month.

Month.	Nature of Work.	No. of Men.	No. of Days.	Rate per diem.
April	Road graded 1,118 yards, 4 feet wide; gravelled 972 yards, 12 feet wide, averaging 12 inches deep; three new culverts, 18x4x3 feet, covered with 8-inch hewed timber; 500 yards of ditching; all bridges and culverts repaired; rock and slides removed from the road, ruts filled, etc.	11	189	$1 92 to $3 40
May	Road graded 3,375 yards, averaging 4½ feet wide; gravelled 1,750 yards, 12 feet wide, averaging 12 inches deep; 5 new culverts—2 18x10x3 feet, 3 18x5x3 feet, built of 15-inch timber, covered with 8-inch timber; rocks and slides removed, culverts and water-courses opened, road repaired from Cache Creek to Bridge Creek			
July	Bridge repaired at 51-Mile Creek; built a new bridge over Maiden Creek; shovelling out road from Grave Creek to Cache Creek, and removing debris caused by a cloud-burst at Cache Creek bridge	2	14	$3 00
November	Removed rocks and slides and repaired culverts			

SECTION 4.—TRUNK ROAD.—BRIDGE CREEK TO SODA CREEK, 78 MILES.

James Robertson, Foreman; Salary, $130 per month.

Month.	Nature of Work.	No. of Men.	No. of Days.	Rate per diem.
June	Road graded 2,785 yards, averaging 6 feet wide; gravelled 1,635 yards, 12 feet wide, averaging 11 inches deep; two bridges built—1 20x18x7 feet, 1 18x10x5 feet; stringers, 12 inches; abutments, 16 inches, of barked timber; covered with 8-inch timber, hewed; 6 culverts built—4 18x3x3 feet, 2 21x5x3 feet; water-courses opened and rocks removed...	10	222	$1 92 to $3 40
July	Forest cleared 3,580 yards, 66 feet wide; road graded 5,500 yards, averaging 3½ feet wide; gravelled 3,100 yards, 12 feet wide, averaging 11 inches deep; 2 new bridges built—1 40x18x4 feet, 1 50x18x4 feet, of fir timber, barked; round stringers 16 inches, covered with hewed timber 8 to 10 inches; road cleared and levelled, water-courses opened, culverts cleared, two bridges repaired with new stringers and hand-rail	9	243	$1 92 to $3 40
August	Forest cleared 880 yards, 66 feet wide; road graded 1,350 yards, averaging 3½ feet wide; gravelled 950 yards, 15 feet wide, averaging 13 inches deep; ditching, 400 yards; rock and slides removed, culverts and water-courses cleared, bridges and culverts repaired; 2 culverts built—1 18x4x2 feet, 1 12x18x3 feet	9	202	$1 92 to $3 40
September	Road graded 2,175 yards, averaging 3½ feet wide; road laid with rock 50 yards 3 feet wide, 3 feet deep; gravelled 975 yards, 15 feet wide, 12 inches deep; bank cut away 50 yards, 3 feet wide, 10 feet deep; new railing, 70 feet, on a bridge; water-courses cleared; 3 new culverts—2 18x5x3 feet, 1 20x5x3 feet, of round timber, barked, and covered with 8 to 10-inch hewed timber	9	201	$1 92 to $3 40
October	Forest cleared 200 yards 66 feet wide; road laid with rock 40 yards, 10 feet wide, 3 feet deep; gravelled 570 yards, 12 feet wide, 10 inches deep; do., 750 yards, 16 feet wide, 12 inches deep; ditching, 300 yards; 1 culvert, 18x4x3 feet; rocks and slides removed, water-courses opened, bridges and culverts repaired; cribbing, 40 feet, 4 feet high	8	200	$1 92 to $3 40
November	Repairing 3 miles of sleigh road, 12 feet wide, by cutting out timber, &c.; road gravelled 275 yards, 18 feet wide, 12 inches deep; 1 new bridge 35x18x4 feet, abutments of round timber, barked, 16 to 18 inches; stringers 16 inches at butt, covered with 8-inch timber; rocks and slides removed from road and water-courses opened	7	140	$1 92 to $3 40

SECTIONS 5 AND 6 OF THE TRUNK ROAD,

From Soda Creek to Barkerville, is still maintained by W. A. Johnston under his contract. Joseph St. Laurent, Superintendent.

The cost of maintenance of Section 1 of the Trunk Road has, in consequence of the completion of railway construction, been much less than during former years. The roadway and bridges are now in good condition.

Yale District.

NICOLA SECTION, 37 MILES, THOMPSON RIVER TO BLACKBURN'S.

A. Stevenson, Foreman.

Month.	Nature of Work.	No. of Men.	No. of Days.	Rate per diem.
March	Removing rocks and gravel slides and filling ruts	2	44	$2 69
April	Keeping the road clear of rocks and slides and filling ruts	3	60	$1 50 to $2 69
May	Keeping the road clear of rocks and slides and filling ruts	3	56	$2 25 to $2 69
June	Road generally repaired, slides removed, etc.; cribbing, 65 feet, 9 feet high	2	50	$2 25 to $2 59
July	General repairs to road, rocks and slides removed, &c	4	62	$2 25 to $2 75
August	Bridge 140 feet long re-covered, road widened, and general repairs made; 330 feet cribbing, 7 feet high	9	129	$2 25 to $3 00
September	Bridge 30 feet long re-covered; 972 feet cribbing, from 2 to 12 feet high; shovelling out slides, &c	9	257	$2 25 to $3 00
October	235 feet cribbing, 9 feet high; 60 feet stone wall, 5 feet high	9	83	$2 25 to $3 00
November	Shovelling out slides and opening ditches	1	24	$2 60
December	Shovelling out slides and opening ditches	1	17	$2 60

SAVONA SECTION, FROM CACHE CREEK TO SAVONA'S FERRY, 23 MILES.

A. Stevenson, Foreman.

Month.	Nature of Work.	No. of Men.	No. of Days.	Rate per diem.
March	Filling ruts and shovelling slides	1	4½	$2 50
April	Filling up ruts and clearing away slides	1	3	$2 69
May	Removing slides and filling ruts	2	35	$1 50 to $2 6
June	Road graded round Alkali Flat, 600 yards, 14 feet wide, near Semlin's ranch; also near Perry's ranch, road graded 1 mile, 14 feet wide; ditching 800 yards, 2x2 feet; road generally repaired the whole length; 2 bridges built—1 20x16x 4 feet, 1 12x16x4 feet; stringers of round logs, 15 inches, and bridges covered with 3-inch plank	12	258	$2 50 to $3 33
July	Road gravelled 50 yards, 12 feet wide, 12 inches deep; bridge built, 25x10x5 feet; stringers, 10x15 inches; abutments, of round logs, barked; planked with 3-inch plank; at Savona's bridge, north approach graded 600 yards; do., south approach, graded 600 yards; road to steamboat landing graded 100 yards; repaired bridge at Rocky Point with a new bent and stringers; cleared out road and repaired stone wall, 25 yards, 4 feet high, at Deadman's Creek Hill; cribbing, 60 feet, 12 feet high, and 75 feet, 5 feet high	12	185	$2 59 to $3 33

HOPE AND NICOLA TRAIL—84 MILES.

W. A. Starret, Foreman. Salary, $100 per month.

Trail cleared 5 feet wide, the whole distance; 9 bridges repaired; bank slides removed; trail graded 1,166 yards, 3½ feet wide; rock blasted 10 yards, 5 feet wide, 3 feet deep; corduroy repaired 300 yards, 7 feet wide; windfalls cleared and trail put in good order; also cribbing built 35 feet, 8 feet high, and 500 feet repaired.

HOPE AND POPCUM WAGGON ROAD—22 MILES.

W. A. Starret, Foreman.

Forest cleared 392 yards, 12 feet wide.
" 400 " 15 "
Road graded 992 " 12 " ; grading repaired the whole length of the road rock blasted and boulders removed near Murderer's Creek.
Stone wall built 75 feet, 6 feet high.
" " 30 2 "
One new bridge built, 25 feet by 12 feet by 8 feet.
Five bridges repaired.
Five culverts built, averaging 12 feet by 4 feet by 4 feet.
Two culverts repaired.
The whole road put in good order.

HOPE AND SIMILKAMEEN TRAIL—137 MILES.

W. A. Starret, Foreman.

Trail cleared 5 feet wide and thoroughly repaired; 5 miles and 300 yds. of grading repaired; corduroy 250 feet, 7 feet wide, repaired; 3 bridges repaired; rock blasted at 70-Mile Post; cribbing 600 feet, 1 foot high; stone wall 20 feet, 2 feet high.

LYTTON AND LILLOOET TRAIL—LYTTON TO FOSTER'S BAR—25 MILES.

A. Stevenson, Foreman.

Trail cleared out and repaired for 25 miles.

SPENCE'S BRIDGE AND SAVONA'S FERRY TRAIL—SOUTH SIDE OF RIVER.

A. Stevenson, Foreman.

The worst places in the trail repaired so that a pack-horse can travel.

Lillooet District.

BRIDGE RIVER BRIDGE, LILLOOET.

James Robertson, Foreman; Salary, $130 per month.

January—Getting out and hauling timber.
February—Building abutments, and framing timbers, etc.
March—Erecting bridge. Bridge built of fir timber; length, 120 feet, width, 10 feet; one span, 80 feet; abutments filled with rock; trusses, 10 inches by 12 inches; cross ties, 6 inches by 8 inches; corbels, 10 inches by 12 inches; stringers, 10 inches by 12 inches, spliced with 10-inch by 12-inch scarfing pieces, bolted on; height above low water 35 feet, being 8 feet higher than the old bridge; height above high water (of 1882) 2 feet.

ROAD FROM LILLOOET, VIA MILL, TO CHADWICK'S RANCH—6 MILES.

W. F. Allen, Foreman; Salary, $130 per month.

Repaired road generally.
Cribbing 75 feet, 8 feet high; stone wall 18 feet, 4 feet high. Also repaired and surveyed 3-mile hill.
One culvert built, 14 feet by 4 feet by 2 feet, covered with heavy slabs.

BRIDGE RIVER TRAIL—LILLOOET TO BRIDGE RIVER MINES.

W. F. Allen, Foreman; Salary, $130 per month.

In March—Trail cut 600 yards, 3 feet wide, averaging 3 feet deep. Rocks and fallen trees removed.

Trail graded 460 yards, 4 feet wide, 18 inches deep.
„ „ 55 „ 12 „ 12 „
Gravelled 293 „ 12 „ 10 „ corduroy 75 yards, 12 feet wide.

Three culverts built, one 15 feet by 4 feet by 2 feet; two 12 feet by 3 feet by 3 feet.

The work had then to be abandoned on account of deep snow.

In June—General repairs made. Cleared out the old Dewdney trail where passable, and made a new trail for 23 miles; also brushing and cutting out timber for the remainder, a distance of 42 miles.

July—Cleared out brush and fallen timber from the mouth to Lyncton Creek, 65 miles.

September—General repairs. Widened and improved trail from the mouth of Bridge River to 14 miles up the Fraser River.

LILLOOET AND CLINTON ROAD.

W. F. Allen, Foreman; Salary, $130 per month.

Road generally repaired.

Graded 1,225 yards, 12 feet wide, averaging 1½ feet deep.

Near Kelly's Lake built a stone wall 125 yards, 4 feet to 5 feet high, and on the top crib work 1,124 yards, 4 feet high; rocks and fallen trees removed.

HALLER ROAD.

W. F. Allen, Foreman.

Road graded 7 miles, averaging 10 feet wide, and 1 to 4 feet deep.
„ gravelled 746 yards, averaging 9 feet wide, and from 6 to 10 inches deep.

Corduroy 68 yards, 12 feet wide.

Three bridges built, averaging 23 feet by 12 feet by 4 feet; 18-inch stringers, 10-inch covering.

Ten culverts built—Three averaging 21 feet by 8 feet by 2 feet.
One „ 15 „ 12 „ 4 „
Six „ 12 „ 6 „ 2 „

Ditching 100 yards, 3 feet by 2 feet.

Bridges repaired, culverts repaired, rocks and slides removed, fallen trees cleared away, ruts filled; 105 large boulders removed by blasting; 3 miles of road thoroughly grubbed and roots removed; 1 mile of new road cleared and graded to Canoe Creek, thence to Dog Creek, thence to Little Dog Creek; a new bridge and three culverts on this part of the road.

DOG CREEK AND ALKALI LAKE ROAD.

W. F. Allen, Foreman.

General repairs made, and construction of new road at various places.

Graded 1 mile, 11 feet wide, 1½ feet to 4 feet wide.

Four culverts—One 18 feet by 4 feet by 3 feet.
Three 12 feet by 4 feet by 2 feet.

DOG CREEK AND BIG BAR ROAD.

W. F. Allen, Foreman.

Road widened and generally repaired for 7 miles.
„ graded 1 mile and 240 yards, 11 feet wide, from 1½ to 6 feet deep.

Five culverts—One 17 feet by 12 feet by 3 feet.
„ 10 „ 4 „ 2 „
Three 12 „ 8 „

Also constructed a new grade on the lower end of the Big Bar Road; graded 2,162 yards, 11 feet wide, averaging 7 feet deep.

LILLOOET AND LYTTON TRAIL.

W. F. Allen, Foreman.

Trail thoroughly cleared for 14 miles, and generally repaired towards Lytton; rocks, slides and fallen timber removed.

TRAIL FROM LILLOOET TO J. DICKEY'S—WEST SIDE OF FRASER RIVER.

W. F. Allen, Foreman.

10 miles generally repaired.

CLEARWATER TRAIL, 60 MILES, TO 108-MILE HOUSE.

James McKinlay, Foreman.

Trail cleared the whole distance, 60 miles, 5 feet wide.

BIG BAR ROAD, HALLER ROAD, AND CLINTON-LILLOOET ROAD.

General repairs.

Graded 979 yards, 13 feet wide, 1 foot deep.

Gravel, 350 yards, 10 feet wide, 6 inches deep.

Four culverts—three, 12 feet long, 4 feet wide, 2 feet deep; one, 15 feet long, 4 feet wide, 2 feet deep.

Cribbing 60 feet, 9 feet high.

A survey was made for a road through Marble Cañon, to connect Lillooet with the main Trunk Road. Specifications were prepared and tenders invited for the construction of a winter or sleigh road. The bids received were high, and in consequence of petitions from interested settlers in the vicinity, it was decided to postpone the construction of the road for the present.

CLINTON GAOL.

Prison labour has been utilized in preparing the site for a Gaol at Clinton, a contract for the erection of which has been awarded to Mr. Frank Hutton for $650, all necessary material being supplied by the Government The building is to be 28 feet square, the walls of logs dovetailed at the corners; the floor, ceiling and partition walls are also of logs, flattened and laid close, without chinking; walls and ceiling to be mudded; roof, half pitch, to be shingled, &c.

BIG BAR SCHOOL.

A building has been purchased from Mr. Hartman and fitted up with the requisites for a School house.

Kamloops District.

LOCK-UP AT NICOLA.

Thomas Mathews, Contractor, $517.

The construction and completion of a frame building 20 feet by 30 feet, containing a Court room 20 feet by 22 feet, and two cells each 8 feet by 10 feet.

The Government appropriation for this service was only $250, the balance of the contract price, $267, was subscribed by the residents in the vicinity of the Court House.

LOCK-UP AT SPENCE'S BRIDGE.

This is a log building lined with lumber, and consists of a Court room, passage way, and three or four cells. The building was erected by Mr. John Murray.

DOUGLAS LAKE ROAD.

Robert Hamilton, Contractor, $2,300.

This road extends from the forks of the Nicola-Kamloops road to the east end of Douglas Lake, a distance of 13 miles. It has been graded 14 feet wide and provided with ditches and culverts where necessary, and a substantial bridge erected over the Nicola River.

SAVONA FERRY BRIDGE.

The contract for the construction of a bridge over the Thompson River at Savona, which was let last year, has been completed.

A survey has been made for a bridge over the Thompson River, at Barnes' Station; plans and specifications have been prepared, and tenders invited.

KAMLOOPS-NICOLA ROAD—39 MILES.

Snow drifts shoveled out of road from foot of Newman's hill to McLeod's; deep washout near Jones', about 2 feet wide, and from 1 to 4 feet deep, 150 yards long, filled in; holes and ruts filled in above and below Scotts'; also from Newman's to Ritchie McDonald's; slides 150 yards long shoveled out of road; cuts 980 yards long filled in; culverts and bridges repaired.

SAVONA-KAMLOOPS ROAD—30 MILES.

Washouts, between Pendleton and four miles beyond Pat Duffy's, filled in; bridge at 3-mile creek repaired; cribbing 35 feet long, 4 feet high; stones thrown out of road; ruts filled in; slides shoveled out; new piece of road made around Summit Lake, 445 yards long, 10 to 12 feet wide.

KAMLOOPS-OKANAGAN ROAD—70 MILES.

A culvert made near Victor Guillaume's, 2 feet wide, 12 feet long; bridge repaired at the above place; a gully filled in near Duck's on hill, 150 yards long, from 2 to 3 feet deep; cribbing 8 feet high, 35 feet long; washout on hill, beyond Duck's, 50 feet long, 5 feet wide, 4 feet deep, filled in; culvert 14 feet long, 15 inches wide, 18 inches deep; ditch excavated 150 feet long, 2 feet wide, 1 foot deep; new culvert put in near Peterson's; grades cleared of slides; culverts repaired where necessary; trees cut out of road; new covering put on bridge near Duck's; ruts filled in and stones removed from road.

ROAD AROUND SUMMIT LAKE.

A new road 1,100 yards long, averaging 9 feet wide; 860 yards of the above was from 4 to 7 feet deep on the inside, and very rocky.

NORTH THOMPSON ROAD—18 MILES.

Ruts filled in; rocks removed; culverts repaired; new road constructed, to avoid hill south of Sullivan's, 1,400 yards long, from 7 to 8 feet wide; extensive slide shoveled out, and rock removed to increase width.

SOUTH THOMPSON ROAD—18 MILES.

Slides and stones removed from road; at Leveau's a bridge about 19 feet long, 18 feet wide, 6 feet wide, and approaches filled in; 5 culverts made as follows:—6 feet long, 14 feet wide; 8 feet long, 14 feet wide; 5 feet long, 14 feet wide; 8 feet long, 14 feet wide; 6 feet long, 14 feet wide; 3 bridges constructed of the following dimensions:—15 feet long, 14 feet wide, 6 feet high; 19 feet long, 14 feet wide; 27 feet long, 14 feet wide, 7½ feet high; road widened where required, and ruts filled in.

SECTON FROM ROSS' TO PEMBERTON'S.

A new road made 700 yards long, 9 feet wide; average depth of cutting on inside 5 feet deep; 300 yards of the above very rocky and difficult to make; 1 culvert 4 feet long, 11 feet wide.

TRANQUILLE ROAD—8 MILES.

Bridge renewed 16 feet long; also a culvert; rocks removed, and ruts filled in.

ROAD FROM DUFFY'S TO KAMLOOPS LAKE.

New road made 560 yards long, 11 feet wide.

ROAD FROM HUDSON'S BAY CO'S. TO BELOW MISSION.

Road extended by removal of rock at McConnell's.

COPPER CREEK TRAIL.

Slides removed; rocks thrown out of trail; gullies filled in.

NICOLA ROAD.

General repairs have been made from Coutlie's to Moore's, and the grade at Charters' improved.

EAGLE PASS WAGGON ROAD.

Messrs. Ainsworth, Blasdel, and Wright, have carried out their agreement with the Government respecting the construction of a waggon road between Shuswap Lake and the Columbia River, *via* Eagle Pass. They have been paid in full by Land Warrants aggregating 60,000 acres.

The Resident Engineer reports as follows:—

"VICTORIA, B. C.,
"11th November, 1884.

"*To the Hon. William Smithe,*
"*Chief Commissioner of Lands and Works.*

"SIR,—I have the honour to report the completion of the Eagle Pass Waggon Road, and the pack-trails around the four summit lakes of the pass; the construction of landing places on each of the lakes, and the construction and equipment of suitable and substantial scows and ferry-boats for transporting passengers, heavy waggons, and cattle across them.

"Work was resumed upon the waggon road this season with a large force of choppers, rollers, and graders, on the 8th day of July, and the entire line of road was located, and the clearing of the required width made to the west bank of the Columbia River, on the 16th of September. The grubbing and grading were completed about eight days later. The pack-trails around the lakes were subsequently made, and on the 1st of October heavily laden pack-trains could make an uninterrupted passage from Shuswap Lake to the Columbia River.

* * * * * *

"Having yourself passed over the road since its completion, making a careful inspection of its construction and condition, I need say little more concerning these than that it has been built substantially, in accordance with the spirit of the specification, and that apparently no effort was spared by the managing contractor to make a good and serviceable road of its class.

"The distance from Shuswap Lake to the Columbia River, measured across the intervening lakes, is forty-seven and a quarter miles.

"The entire length of waggon road constructed is 43 miles and 14 chains, and may be thus enumerated in sections:—

Shuswap Lake to Griffin Lake	30 miles	51	chains
Griffin Lake to Three Valley Lake	1 mile	50	,,
Three Valley Lake to Victor Lake	2 miles	68	,,
Victor Lake to Bluff Lake		64	,,
Bluff Lake to Columbia River	7 ,,	21	,,
Total	43 miles	14	chains.

"The total length of the pack-trails made around the four lakes, is 5 miles and 3 chains, and is thus apportioned:—

Trail around Griffin Lake	1 mile	30	chains
Trail around Three Valley Lake	1 ,,	68	,,
Trail around Victor Lake		39	,,
Trail around Bluff Lake	1 ,,	26	,,
Total	5 miles	03	chains.

"These pack-trails are of specified width, and are all, comparatively, direct, and have easy gradients, with the single exception of that around Bluff Lake, where it was found necessary to ascend to a height of 710 feet above the level of the adjacent lake, to get over an almost perpendicular waterfall. The ascent from both directions is necessarily, therefore, very circuitous, and for much of the distance of the maximum grade.

"Ample facilities have been provided, as required by the contract, for the transportation of passengers, cattle, and merchandize across the lakes, and an efficient ferry service maintained for free use by the public. For this purpose there are, upon each lake, one scow, 45 feet long, and 12 feet wide, fitted with side rails and aprons at the ends, to facilitate getting on and off the scows from the landings, and furnished with four large oars or sweeps, and one large boat,

25 feet long, fitted with six patent composition rowlocks, and furnished with three pairs of ash oars, and capable of carrying, with safety, 25 persons.

* * * * *

"There are also two landing places on each lake, so situated and constructed as to afford easy access to the scows for teams and heavy waggons at any height of water.

"Of the structures along the line of road, the most important is that over the North Fork of Eagle River, 21½ miles from Shuswap Lake. This is a substantially built bridge of 160 feet span, with two abutments, and three piers. The centre pier is 14 feet by 10 feet, with cut-waters, and the other piers are 14 feet by 6 feet. Under the flooring there are three stringers, each 17 inches square, and the corbels 30 feet long, and 17 inches by 20. The hand-rails are large and firmly braced, and the flooring of sound split cedar, 4 inches thick.

"Besides this structure there are 45 other bridges on the line of road, of 15 feet span and over; of which seventeen are of 15 feet span; fifteen of 20 feet span; five of 30 feet span; one of 35 feet span; two of 50 feet span; one of 60 feet span; two of 65 feet span; one of 70 feet span, and one of 85 feet span. These are all strongly built of cedar and hemlock, with split cedar flooring, and promise to be very durable.

"Of corduroying there is a total length of 7,499 lineal feet, distributed as follows:—

Between Shuswap Lake and North Fork	3,118	lineal feet.
" North Fork and Griffin Lake	320	"
" Griffin Lake and Three Valley Lake	2,537	"
" Three Valley Lake and Victor Lake	622	"
" Victor Lake and Bluff Lake	126	"
" Bluff Lake and Columbia River	776	"
Total	7,499	lineal feet.

"Much of this corduroying has been built this year upon portions of the road which were thought to have been completed in a solid manner, both last season and this, but were so cut up by the combined action of continuous rains and heavy traffic before the road-bed had been afforded an opportunity of settling, as to be almost impassable until they were timbered.

"Of timber cribbing there is a total length 11,029 lineal feet, which is thus distributed:—

Between Shuswap Lake and North Fork	676	lineal feet.
" North Fork and Griffin Lake	6,267	"
" Griffin Lake and Three Valley Lake	389	"
" Victor Lake and Bluff Lake	67	"
" Bluff Lake and Columbia River	3,630	"
Total	11,029	lineal feet.

"There are also 313 lineal feet of stone retaining wall, and 240 lineal feet of log protection, and one piece of crib wharfing 55 feet long, 12 feet wide, and averaging about 13 feet high.

"Although not perhaps legitimately belonging to this report, it may be mentioned, as of some interest, that the relative heights of the several points in Eagle Pass are as follows, the waters of Shuswap Lake being taken as zero:—

Shuswap Lake	0	feet.
North Fork	119	"
Griffin Lake	411	"
Three Valley Lake	533	"
Victor Lake	650	"
Bluff Lake	710	"
Columbia River (high-water mark)	358	"

* * * * *

"I may say, in conclusion, that the work during the present season has been satisfactorily performed, and in every case where objection was taken to any part of it, every requirement has been satisfied by the managing contractor, who has, at all times, evinced a desire to carry out the spirit of his contract. The results are such, I trust, as meet your approval.

"I have, &c.,
(Signed) "S. P. TUCK.
"*Resident Engineer Eagle Pass Waggon Road.*"

Osoyoos District.

PLEASANT VALLEY ROAD.

F. Hassard, contractor; $1,700.

This road extends from Section 32, Township 35, to the head of Swan Lake, a distance of about 13 miles.
Forest clearing and brushing, 24 feet wide.
Grubbing, 12 feet wide.
Grading, " "
Bridges and culverts where necessary.

SPALLUMCHEEN RIVER ROAD. SECTION ONE.

Wm. McKenzie, contractor; $2,375.

This road is to connect Belvidere with Seven Mile, or Mara, Lake, a distance of 14 miles.
Section One extends from Belvidere down the Spallumcheen River, a distance of 5 miles.
Cleared and brushed 24 feet wide.
Graded 12 feet wide.
Bridges, culverts, and corduroy as required; cribbing round bluffs and steep side-hills where directed.
General repairs have been made to the main road from Lambly's to the Mission. Other roads in the District have received necessary attention.

PRIEST'S VALLEY SCHOOL.

Angus McDonald, Contractor, $725.

To find all plant, labour, and material requisite, and to erect a frame building 20 feet by 30 feet, with 12 feet ceiling, enclosed with rustic siding, shingled roof, lined and ceiled inside with beaded tongue and grooved, flooring matched and dressed, double floors, dressed woodwork outside painted. Teacher's platform, and seats and desks for thirty children, provided.

Cariboo District.

Joseph St. Laurent, Foreman.

BARKERVILLE-STANLEY ROAD, VIA SLOUGH CREEK.

More or less work has been done on this road for the past three years. This season it has been so far completed as to admit of the passing over it of sleighs and light waggons, enabling uninterrupted traffic between Barkerville and the lower country during the winter months. From 10 to 20 men were, for about four months, employed on this work, which entailed some heavy rock cuttings and a large amount of cribbing. 14 miles have been completed; the grades are good and the road is nowhere less than 8 feet in width.

SODA CREEK-CHILCOTIN ROAD.

10 miles have been completed, from 6 to 10 feet in width, with an easy grade; bridges built and cribbing constructed where necessary. The road is passable for sleighs and light waggons. In order to avoid a very steep and dangerous hill, a new road, 1,500 yards, 9 feet in width, has been constructed along the shore of Williams Lake, and a bridge built, 30 feet by 16 feet.

WILLIAMS LAKE AND CHIMNEY CREEK.

2½ miles repaired, timber cut out, stumps removed, grading improved, and several small bridges built.

SODA CREEK AND HAWKS' RANCH, AND TO MUD LAKE.

These roads have been generally repaired.

OMINECA TRAIL FROM QUESNELLE—300 MILES.

Trail repaired and improved by cutting out and removing fallen timber, &c., by contract.

ALEXANDRIA AND QUESNELLE TRAIL—25 MILES.

Cleared of fallen timber, &c., by contract. This trail, on the west side of the Fraser River, is used for driving cattle to the Omineca Mines.

HIXON CREEK TRAIL—45 MILES.

General repairs.

KEITHLEY CREEK POLLING DIVISION.

W. Stephenson, Foreman.

All the old trails, at present in use, have received more or less general attention.

At Duck Creek, between the Forks of Quesnelle and Keithley Creek, a new bridge has been built.

All the trails leading from Barkerville as a centre, to the various surrounding creeks, have been more or less repaired. The principal trails are to Grouse, Antler, Cunningham, Harvey, Keithley, Snow Shoe, Lower Antler, Musquito, Hardscrabble, Sugar, and Lowhee Creeks.

At the Forks of Quesnelle, under the superintendence of Mr. Stephenson, a new gaol and quarters are now in course of construction.

Prison labour has been utilized in the care of the Government Buildings, &c.

Cassiar District.

Report of the Superintendent of Trails:—

"*To the Honourable*
"*The Chief Commissioner of Lands and Works.*

"SIR,—I have the honour to inform you that, in accordance with your letter of 26th or 27th April last (which I unfortunately lost in Stickeen river, by the upsetting of the canoe in which I was travelling), instructing me to proceed to Glenora, Cassiar, and from that point do such repairs on the trail leading to Dease Lake as would seem to be necessary.

"Commenced work 12th May. Cut and removed all fallen timber and rocks found on trail, as far as head of Dease Lake.

"Returned to 2nd North Fork Bridge, and remained eight days during high water. Proceeded again to lake; travelled to Laketon on Lake Trail, cutting and removing timber. Did the same on Dease Creek Trail. Next, went to Thibert Creek and executed such repairs as were required. Returned to the main portage trail, 30th June, on account of a heavy wind storm, and cleared out a large quantity of fallen timber, and did such other work as was necessary, as far as Glenora. Returned again to 2nd North Fork Bridge, and completed such repairs as I thought were needed. Then proceeded to Lake, which I reached on 29th August, having laid and repaired corduroy on the way. Returned again to 2nd North Fork Bridge, putting in a number of culverts at such points as they were needed.

"As per instructions, on 5th September, I started to explore for the purpose of ascertaining the practicability of building a piece of new trail, so as to avoid the steep hills and the building of a new bridge over the 2nd North Fork, on present site. I found that to follow the line recommended, it would cost $600 to clear and grade the new piece of trail (distance, say 7 miles), and $2,000 to build a bridge of from 250 to 300 feet over same stream.

"Returned to main trail, removing all obstructions as far as Thibert Creek. Thence proceeded by boat to McDame Creek; returned by trail, removing fallen timber and otherwise improving the roads until I reached Glenora, on the 23rd October, on which date I ceased work for the past season.

Memo. of permanent work performed during the past season:—

MAIN TRAIL.

New corduroy laid, 501 feet.
Corduroy covered with dirt, &c., 1,600 feet,
Bridges built (two) 30 and 60—90 feet.
New road built, 200 feet.

THIBERT CREEK.

New trail built, 1¼ miles.
New corduroy laid, 101 feet.
Bridges built (two) 27 feet each, 54 feet.

"Trusting I have given satisfaction,

(Signed) "ARCHIE CAMERON.

"*Victoria, B.C., 13th November, 1884.*"

Kootenay District.

The Kootenay Railway and Transportation Company have selected and surveyed the blocks of land required by them on Kootenay Lake, as required by the Act. The blocks, two in number, have an aggregate area of 45,615 acres, exclusive of claims otherwise acquired.

The Company has also surveyed the route for a line of Railway from the outlet of Kootenay Lake to the Columbia River.

Field notes and maps of these surveys have been deposited by the Company in the Lands and Works Office. They have been checked and found accurate.

ROADS AND TRAILS.

The Kicking Horse and Columbia River Trail for a distance of about 50 miles south of Kicking Horse, *i. e.*, Golden City, has been chopped out, bridged, and graded, and generally placed in order for traffic.

The Walla Walla Trail, *viâ* Moyea River, has been kept clear of fallen timber, and the grading and bridging repaired.

The Kootenay Lake Trail is now open from the junction to the head of the lake.

Necessary expenditures have been made upon the McLeod Trail, the trail from Columbia River to Cañon Creek, and on trails in the vicinity of the Upper Columbia Lakes, Wild Horse Creek, and Kootenay River.

Tenders were invited for the right to maintain ferries at the various points recommended by the Assistant Commissioner for the District. It is the intention to grant charters at the railway crossing of Columbia River near Eagle Pass, and at such other points as may seem desirable.

TENDERS RECEIVED AND CONTRACTS AWARDED,

DURING THE YEAR 1884.

NATURE OF WORK.	NAME OF TENDERER.	AMOUNT.	AWARD.
VICTORIA DISTRICT.			
Alterations to the Lands and Works Office	Geo. Powell	$ 410 00	Awarded.
	McKillican & Anderson	440 00	
	Chas. Hayward	533 00	
Johnson Street Ward School-house	W. H. Souden	1,400 00	Awarded.
	McKenzie & Davidson	1,400 00	
	Hogarth & Noble	1,422 00	
	Whitney & Roble	1,425 00	
	W. H. Robertson	1,483 00	
	Wm. Rockett	1,490 00	
	J. McDowell	1,495 00	
	R. Lawson	1,549 00	
	McKillican & Anderson	1,568 00	
	Lamb & Herd	1,575 00	
	G. H. Baker	1,586 00	
	McLellan & Sallick	1,593 00	
	H. W. Smith	1,650 00	
	J. W. Mackay	1,750 00	
	Wm. Constantine	1,875 00	
Cedar Hill School repairs	H. W. Smith	325 00	Awarded.
	Wm. Constantine	385 00	
Lake District School-house	Thos. Elliott	882 00	Awarded.
	Hogarth & Noble	995 00	
	Wm. Rockett	1,014 00	
	Wm. Constantine	1,048 00	
	Chas. Roper & Co	1,090 00	
	J. Michael	1,096 00	
	F. G. Rayner	1,150 00	
	D. T. Johnson	1,175 00	
	W. M. Ross	1,279 00	
Old Cemetery Fence	W. H. Robertson	461 00	Awarded.
	Hogarth & Noble	476 00	
	D. T. Johnson	490 00	
	D. McPhadden	499 00	
	W. Rockett	530 00	
	C. W. Baker	538 00	
	Wm. Constantine	575 00	
	F. G. Rayner	600 00	
Hillside Road	N. Leclaire	420 00	Awarded.
	J. Baker	443 00	
	G. Taylor	485 00	
	R. A. Graham	1,320 00	
Supreme Court Repairs	D. T. Johnson	290 00	Awarded.
	Wm. Rockett	295 00	
	Wm. Souden	320 00	
	Sunderland & Walker	375 00	
	J. P. Burgess	415 00	
	G. Baker	416 00	
	Robella & Whiteway	500 00	
	H. W. Smith	560 00	

Nature of Work.	Name of Tenderer.	Amount.	Award.
Victoria District.			
Lake District Road	Joseph Nicholson	$ 3,175 00	Awarded.
	Wm. Thompson	3,575 00	
	Jas. Baker	3,909 00	
	Taylor & McLean	3,943 00	
Cadboro Bay Road	Jas. Baker	311 00	Awarded.
	P. Gilligan	350 00	
	N. Leclaire	490 00	
Esquimalt District.			
Sooke Road, Naylor's Hill	Joseph Nicholson	1,375 00	Awarded.
	Wm. Phillips	1,500 00	
	A. Peatt	1,750 00	
Happy Valley Road	Jas. Baker	720 00	Awarded.
	A. Peatt	783 00	
	Chas. Forman	875 00	
	Mrs. Calvert	975 00	
Cowichan District.			
Mayne Island Road	Wm. Millington	125 00	Awarded.
	G. V. Andrews	135 00	
	Jacob Heck	210 00	
Trunk Road, Quamichan	W. C. Brown	90 00	Awarded.
	D. F. Young	115 00	
	Geo. Kier	120 00	
Goldstream and Cowichan Road—Section 1	Geo. Waugh	8,762 00	Awarded.
	Wm. Hick	11,900 00	
	A. J. McLellan	12,846 00	
	Jas. Baker	13,597 00	
	Tierney & Osterhout	14,295 00	
	H. McDonald	14,550 00	
	Joseph Nicholson	16,145 00	
Goldstream & Cowichan Road—Section 2	Geo. Jones	1,300 00	Awarded.
	Joseph Nicholson	1,555 00	
	Geo. Taylor	3,150 00	
	Gray & Sass	3,875 00	
	J. W. Landson	6,520 00	
Copley's Road	Jas. Dougan	360 00	Awarded.
	Jno. McLay	450 00	
	W. J. McMillan	800 00	
Richardson's Road	J. McPherson	400 00	Awarded.
	Robert Kelly	455 00	
	Jas. Dougan	570 00	
Trunk Road, Chemainus	N. W. Campbell	492 00	Awarded.
	Thos. P. Windsor	500 00	
Trunk Road, Quamichan	Thos. P. Windsor	330 00	Awarded.
New Westminster District.			
New Westminster and Granville Trunk Road	A. C. Fraser	14,250 00	Not awarded
	R. P. Mitchell	17,000 00	
	D. L. Smith	21,350 00	
	P. Mitchell	22,000 00	
New Westminster and Granville Trunk Road	McDougall Bros	12,970 00	Awarded.
	A. & W. Innes	13,400 00	
	Wm. Hick	13,400 00	
	Tierney & Taylor	13,895 00	

NATURE OF WORK.	NAME OF TENDERER.	AMOUNT.	AWARD.
NEW WESTMINSTER DISTRICT.			
Port Moody Road—Section 1	J. M. Wise	$ 3,336 00	Awarded.
	D. L. Smith	3,750 00	
	Hick & McMillan	3,974 00	
Port Moody Road—Section 2	J. M. Wise	2,174 00	Awarded.
	J. Moriarty	3,000 00	Informal.
	G. Good	3,250 00	
	Holmes & Calbick	3,270 00	
Land Registry Office	Hoy & Fry	1,787 00	Awarded
	W. S. Wraight	1,984 00	
	R. Lawson	2,000 00	
Nicomekl Bridge, Semiahmoo Bay Road	W. C. McDougall	835 00	Awarded.
	D. F. Adams	1,950 00	
Draw Bridge, Coast Meridian Road	W. C. McDougall	775 00	Awarded.
Asylum Works	Lamb & Herd	14,537 00	Withdrawn.
	McKillican & Anderson	22,500 00	Awarded.
	W. Turnbull	23,375 00	
	Hoy & Fry	24,200 00	
	Wraight & Burns	27,500 00	
Mount Lehman School	J. K. Nelson	475 00	Awarded.
	R. H. Sweeney	648 00	
Canoe Pass School	S. Calbick	298 00	Awarded.
	T. Levi	381 00	
	W. Gray	425 00	
Langley School	K. McIver	348 00	Awarded.
	W. Howay	372 00	
	J. S. Gray	375 00	
	J. A. Calbick	397 00	
	J. K. Nelson	450 00	
North Arm Trail	J. M. Wise	2,600 00	Awarded.
	F. McClerry	3,000 00	
Clover Valley School	J. Morton	75 00	Awarded.
NANAIMO DISTRICT.			
Cranberry District Road	Hill & Dolan	45cts. ℔ yard	Awarded.
	S. Shaw	45cts. ℔ yard	
	J. Skinner	$1 00 ℔ yard Road.	
Nanoose Road and Bridge	J. Eade—bridge, $175	60cts. ℔ yard	Awarded.
	R. Grant—bridge, $200	do.	
	McDonald & McLachlan	do.	
	C. Cameron—$2 50 ℔ foot	do.	
	J. Fear	50 do.	
	W. B. Hunter—bridge, $200.	62 do.	
Wellington School Fence	Levi McCutcheon	$ 150 00	Awarded.
Gabriola Island School	A. J. Dixon	119 00	Awarded.
Millstone River Bridge	J. Sage	1,175 00	Awarded.
	Blackett & Meyer	1,275 00	
	Tailor & Fairweather	1,278 00	
	J. Fletcher	1,375 00	
	Gray & Morgan	1,495 00	
	G. H. Frost	1,545 00	
	A. J. McLellan	1,640 00	
	A. Grant	1,650 00	
	R. Grant	1,737 00	
	D. T. Johnson	1,840 00	

Nature of Work.	Name of Tenderer.	Amount.	Award.
Nanaimo District.			
Millstone River Bridge	J. A. King	$ 2,650 00	
	Chas. Roper & Co	2.750 00	
	Lamb & Herd	3,078 00	
anaimo River Bridge	W. E. Blackett	2,774 00	Awarded.
	A. J. McLellan	2,925 00	
	J. McMullen	2,974 00	
	Gray & Morgan	2,990 00	
	D. F. Adams	3,175 00	
	Wm. Rockett	3,490 00	
	G. H. Frost	3,540 00	
	H. McDonald	3,703 00	
	Warner & Findlay	4,050 00	
	A. Fenny	4,350 00	
	Taylor & McFane	4,983 00	
	H. McAddie	3,775 00	
Trail to Nanaimo Lake	Robert Grant	384 00	Awarded.
	A. Raper	480 00	
	Wm. Keddy	495 00	
	E. Cook	595 00	
	R. Aitken	675 00	
	S. B. Hamilton	850 00	
	Sage & Buffington, $130 ℔ m.		
	Noveno & Angelo, $200 ℔ m.		
Cedar District School	W. E. Blackett	291 00	Awarded.
	J. W. Stirtan	373 00	
	Bruno, Malado & Co	375 00	
	W. Keddy	383 00	
	H. McAddie	445 00	
	A. Grant	450 00	
	J. Lawless	424 00	
Kamloops District.			
Douglas Lake Road	Robert Hamilton	2,300 00	Awarded.
	Wm. Manning	2,400 00	
	Fairweather & Boyd	7,200 00	
	J. Corbitt	2,590 00	
Osoyoos District.			
Pleasant Valley Road	F. Hassard	1,700 00	Awarded.
	D. G. Cunning	1,775 00	
Belvidere and Seven Mile Lake Road—Section 1	Wm. McKenzie	2,375 00	Awarded.
	R. Lambly	2,445 00	
	— Hutten	2,460 00	
	T. N. Hayes	2,875 00	
Section 2	T. N. Hayes	7,495 00	Not awarded.
	W. McKenzie	7,875 00	Not awarded.

LAND RETURN.

Return showing Land transactions for the year ending 31st December, 1884

	Records issued at														
	Victoria.	Esquimalt	Cowichan.	Nanaimo.	Comox.	Coast	New Westminster	Yale	Kamloops	Osoyoos.	Lillooet	Kootenay	Cariboo	Total.	
Pre-emption Records	12	23	61	27	.....	2	49	2	34	68	12	15	3	308	707
Do. Island Railway	1	10	178	208	2	.....	.....	.....	.....	.....	.....	.....	.....	399	
Certificates of Improvement	4	3	10	7	.....	2	31	.....	8	9	3	.....	.....	77	119
Do. Island Railway	.....	.....	9	33	.....	.....	.....	.....	.....	.....	.....	.....	.....	42	
Certificates of Purchase	97	26	28	35	2	13	256	1	63	63	11	2	7	604	615
Do. Island Railway	1	.....	4	5	1	.....	.....	.....	.....	.....	.....	.....	.....	11	
Crown Grants	77	22	32	16	2	16	114	5	29	68	19	5	1	406	
Coal Prospecting Licenses	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	
Timber Cutting Licenses	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	

SUMMARY.

	1880.	1881.	1882.	1883.	1884.
Pre-emption Records	64	85	77	200	308
Do. do. Island Railway	.....	.....	.....	.....	399
Certificates of Improvement	54	55	29	60	77
Do. do. Island Railway	.....	.....	.....		42
Certificates of Purchase	234	205	201	328	604
Do. do. Island Railway	.....	.....	.....	.....	11
Crown Grants	132	111	129	274	406
Total acreage deeded	24,115	23,141	23,609	54,637	146,197
Acreage covered by Coal Prospecting Licenses	.....	.....	.....	46,080	960
Acreage leased for timber cutting	.....	.....	.....	35,000	1,947
Letters received	1,319	1,314	1,617	2,463	3,357