

6



DETAIL

No Great Obstacle in This Line

Road Would Have Lighter Grades Than Any Trancontinental Railway Now in Operation

SECTIONS

In the consideration of any propos ed rallway the most important thing

is the question of grades. Latter day engineers have solved most difficulties

is the question of grades. Latter day engineers have solved most difficulties surrounding actual construction and the feasibility of a railroad resolves itself into the matter of operating ex-penses. The grades necessary in the proposed railway across the central interior, reaching Vancouver Island by means of a ferry scross Nodalës chan nel, are not heavy: in fact, they are present built across the continent. No attention need be paid to the the route along Bute Inlet, whatever difficulties regarding elevation that might occur being confined to the stretch across the interior after deep water has been left behind. Starting from the head of Waddington necessitates a grade of 7 feet to the what of a rise to the 28th mile, with an average of 20 feet being reached at the eastern end of this stretch. To eight miles further there is some what of a rise to the 28th mile, with an average of 20 feet to the mile, at the eastern end of this stretch. To eight miles further there is above tass along the whole route. This is from the 56th to the 44th mile, around the solution of the canyon mentioned This will be 101 feet, to the mile, or itude being 1950 feet above see level Continuing through the canyon from the mainland the first conting through the canyon disting the will then reach above see level in will be 101 feet, to the mile, or itude being 1950 feet above see level conting through the canyon disting the will then reach above see level in will then reach above the interior the will then reach above the interior the will then reach above the mile for the will then reach above the interior to be provide the first four will require a gradient of 75 and the east in the solubilities, is now one that the ostibilities is now one the merchants of the terming the

erly 11 one of 44 feet to the mile. The line will then reach about the level of Tatlayacoh lake, and for 14 miles the railway will be practically on the level, only 14 feet of a rise, from 2,736 to 2,750, being necessary during the entire distance. When Tatlayacoh is passed, the route to the summit is along the shores of a small stream, broken by several lakes, a distance of about 19 miles. Thirteen miles will have a grade of 50 feet, and 6 of 17 feet. This stretch will bring the road to the summit of the Cascade pass, at an elevation of 3,505 feet above sea level. During the whole distance erly 11 one of 44 feet to the mile.

an elevation of 3.505 feet above sea-level. During the whole distance through the canyon and thence to the summit only two bridges of any mag-nitude will be necessary, both over-ravines. They are estimated by Mar-cus Smith to have a width of 400 and 500 feet.

ing into domes reaching 3,000 to 4,000 feet and so capped peaks, some ever higher are connected by I ras. Altogether they form gloomy grandeur that, in of Marcus Smith, is "prob be met with in any other The route along Bute Tatla lake, the valley of the of construction. Ch Chilance river is followed, a detour being necessary to cross the divide northerly to Puntze lake. The total distance to the Chilco river, along the be bridged; enormous blu with tunnels; but nothing character as to deter exp constructors is speculter head of Bute inlet is Wad bor, the old townsite fla extensive Indian reserve that point the passage Chilance, is 20 miles. may be Chilance, is 20 miles. It may be divided into two sections of ten miles each. The first, that rising easterly from Tatla lake, has a gradient of 53 feet to the mile, while the other is over level, but somewhat broken coun-try, at an altitude of 3,500 feet. Five miles further along the Chilcotin river is reached, the descent to its valley being by a grade of one in 132. Another divide has to be crossed at this point separating the last named river from the Nazee. This covers a distance of 37 miles, the east end be-ing 177 miles from the head of Wad-dington harbos. It consists of five miles with an ascending grade of one foot in 88, a level stretch of five miles, and a descending grade of 27 feet to the mile for the balance of the dis-tance. The Nazee is then crossed, at divided into two sections of ten mile Coast range proper is con way of the cleft in the way of the cleft in the formed by the Hamalke The Hamaike valley is The Hamaike valley is i two miles in width, the being a rapid, turbid stre-it leaves the canyon it is feet wide, but in its des-sea it frequently divides i more branches enclosing i islands of gravel and ligh ered with cottonwood, sprt dar The railey is include dar. The valley is flank side by orocky slopes, river washes alternately of the sea. After the vall traversed for some t dar tance. The Nazce is then crossed, at an elevation of 2,855 feet; and a course taken across country to the headwaters of Buche creek, which is reached when the route has traversed 207 miles. Hamalke canvon is reached <text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text> by explorers as "the heart cade mountains." For twenty miles throu yon the valley of the Har racted into a narrow deep rocks of the mountain slop places abutting on the forming sub-canyons thru the water dashes impetuo ing great boulders and a la of detritus before it. Man all rapid mountain torren the melting snow and gl into the Hamalke, none of very large, but requiri bridged by the proposed 'r Tatlayacoh lake, of Hamalke is the outlet, is miles long. Forests of Dou round its banks, mostly of and good quality, and int large number of streams the whole supporting Sacramento, Cal., Feb. 20-The legis-lature placed itself on record as op-posed to woman suffrage by killing the proposed constitutional amendment which extended to women the right to vote at all elections. The bill failed whole surrounding Though surrounded by mou lake lies in a natural depu-it is traversed with an srade that gently slopes towards the canyon. Whe is left behind, about 2 1-2 its norther and the canyon. Weinuts, English, Dest, per 10. Pecan, per 1b. Almonds, Jordan, per 1b. Almonds. Cel., paper shell, per the Cocoanuts, each Foodstuffs its northern end, the asc summit is by way of a series of small lakes that a trout and lie in a terr nule and other deer are for fusion Foodstuffs Oats, per ton Wheat, per ton Barley. per ton Hay, Island Hay, Fraser, per ton Straw, per bale Corn, whole, per ton Corn, cracked, per ton Cornmeal, per ton Oatmeal, per 10 lbs. \$30.00 \$35.00 \$30.00 MAGUIRE In this city, on the 18th in stant, Bernard Maguire, a native o Dublin, Ireland, aged 75 years. \$18.00 \$16.00 GREASLEY. At the residence of her son-in-law, Capt. John Newby, Z5 Rithet street, on the 15th inst., Elizabeth, relict of the late William Greasley, a native of Shropshire, England, in her 83th year. \$82.00 From the summit a desce to the Chilcotin plains the almost to the Fraser river height of land is passed? Flour country is encountered, adapted for cattle raising. in almost an unbroken si Tatta lake. Not only i suited for stock raising, b Flour Calgary, Hungarlan, per sack.... Hungarian, per bbl. Boyal Household, per sack.... Pastry Flour-Snow Flake, per sack.... Feed-Middlings, per bag 100 lbs.... Bran, per 100 lbs. OLBERT-On the 20th inst., Catherine Mary Colbert, Aged 49 years, Born at Halifax N. S., wife of John Col-\$1.50 ROSIER-At Koksilah. on February 17th. Mary, beloved wife of Christopher summits of the hills, who exceed 5,000 feet, provid pasturage all summer. If Mary, beloved Crosier. \$1.35 \$1.25 pasturage all summer. If uration of the country in t is so divided as to secure this MAGUIRE_In this city, on the 18th in-stant, Bernard Maguire, a native of Dublin, Ireland, aged 75 years. POISONED HER HUSBAND. is so divided as to secure this summer pasturage for there will be natural win the valleys for large band Rolling land, almost pra with small lakes and w many streams is the feature part of the route. In so natural parks are met with sionally forests of pine and continues along the Chilco COLBERT-In this city on the 17th, inst. Catherine Mary, the beloved wife of John Colbert, aged 40 years, born at Halifax, N. S. Cayuga, Ont., Feb. 20 .- The arres of Mrs. Mattie Perkins on the charge of poisoning her husband caused great sensation here. The arrest based on the confession of Canfield. Toronto, Feb. 20.—The board of the House of Industry will recommend the government to pension deserving peo-ple at the age of 65. By that time they will have indirectly contributed to the funds of the state sufficient to to the funds of the state sufficient to earn their keep thereafter. based on the confession of Canneld man who was intimate with the a cused, and who has turned Kin evidence to save himself. Mrs. Perk collapsed after her arrest, and a d tor had to be called. She was in critical condition all night. King tinues along the Chilco e rivers; in fact, near i Quesnel. To use the de She was in a

foot rise in \$3. Wolverine creek takes its rise at Goat river summit, about 3.750 feet above the sea, and 330 miles from the coast Goat river summit stretches a couple of miles nearly level and then there is the descent to the mouth of Goat river and the Fraser. The former is 26 miles long, its mouth being 1,400 feet lower than the summit. It is crossed about half way down and the south bank followed to the Fraser. At the 360th mile from the sea the Fraser river is again encountered, here flow-ing due north and south. In the whole 69 miles to Tete Jaune Cache there is only a rise of 175 feet, the course being along the westerly bank. It averages 2 1-2 feet ascent to the mile.

TOURIST COMMITTEE

<page-header><page-header><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text> Chins rise straight out of forming a high unbroke thousands of feet and ent tute of trees. When Bute inlet is re-parts of the coast range i an awe-hispiring confilsion rocks bold and rugged in the inter domes reaching ravines. They are estimated by Mar-cus Smith to have a width of 400 and 500 feet. The easterly slope of the Cascades does not present even the small diffi-culties encountered approaching the summit from the opast. For 11 miles the descent is extremely gradual, down a wide valley, several miles across. The total drop is only 55 feet, or five to the mile. A somewhat more rapid slope is experienced to the westerly end of Tatla lake, 113 miles from the coast, the grade being 78 feet to the mile, about one in 67. The two miles along the shore of the lake is level, at an altitude of 2,975 feet. From Tatla lake the valley of the

VICTORIA DAILY COLONIST

Vancouver, who thanked His Worship for his broad-minded and friendly greeting. The financial standing of the order Traffic on Railways Still Obstructed The financial standing of the order Traffic on Pailways Still Obstructed at Several Points NO LUMBER SHIPMENTS. Mill Owners on the Sound Compelled to Close Down. The financial standing of the order

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	ANTI-STRIKE BILL	
1997 AND 199		F

Friday, February 22, 1907.

Cascades Presents Pictu Unparalleled Grande

From a scenic point of roposed new railway entral interior of the p Yellow Head Pass will pr the most attractive in When, as is certain shortly case, much of the land alon coast of Vancouver Island vated, there will be man smiling fields producing lar ties of fruit and grain, only behind when Otter Cove and the ferry for the journ Nodales channel and up orm bacaded by passant Nodales channel and up arm boarded by passenge 500 mile journey' across the Nodales channel is trul water canal. Bounded on by Thurlow, and on the sou des island, it is a beautif of wäter, forty fathoms des shore half a mile wide fifteen in length. The shon islands fremting on the similar in character to thos found among the submer tains to the north. Volcani most precipitously lost to i most precipitously lost to i dark blue water, swarm fowl, their monotony bei here and there by upsta and fir trees and the diffe otony bei of the various rocks of whit formed. The channel run of the various focus of unit formed. The channel run and west-a natural cont tween island and mainland When Frederick arm there is somewhat of a ch mountains, that have been the time in the distan clearer, but it is seen the forms a natural indentat rocky coast line with a val As the head of the arm sight a valley opens out to and a pass is seen, never a thousand feet above through the head of which is caught of the lofty pes southern side of Bute inle Leaving the ferry at th Frederick arm, the train again on the rails and, si north shore of Estero ba water lake connected with north shore of Estero ba water lake connected with arm by a channel two the in width, after a journe seven miles reach the nort of Bute inlet. The scener south shore of Estero bash Cliffs rise straight out of forming a high unbroke

Friday, February 22

SCENES ON ROU

Magnificent Exemplifica

THROUGH THE HOMALKO

Journey for Miles in the H

Works of Nature W

Visible



