The BANFF-WINDERMERE Highway

THE building of a motor highway across the central Canadian Rockies adds one more thrilling chapter to the romance of modern engineering. It is the record of one more of those victories of the peaceful but daring imagination that should be no less renowned than those of war. Since that rainy November morning of 1885 when Sir Donald Smith, later Lord Strathcona, drove the spike which completed the construction of the Canadian Pacific Railway, there has been no event in the history of road construction in Canada of more dramatic significance. The ringing blows of Lord Strathcona’s hammer, echoing among the lonely solitudes of the mountains, announced that the Canadian Rockies, so long an impregnable barrier between the East and the West and a terra incognita to all but the most intrepid explorers, had at last surrendered to the imagination, ingenuity and persistent courage of man. After more than forty years of effort a way had at last been found, an artery opened up along which the life of the nation might flow uninterruptedly from coast to coast. The construction, a few years ago, of the Grand Trunk Pacific and the Canadian Northern railways across the Yellowhead pass to the north, opened up two new highways of steel across the mountains, but with the exception of these more or less confined and restricted methods of access to the paradise of the Rockies the only route of travel over the central ranges was the mountain trail, the only means of conveyance the picturesque but somewhat cumbersome pack train. The cutting of the ribbons on the Banff-Windermere highway on June 30, 1923, meant that a new triumph had been won over the physical obstacles of nature, a magnificent preparation made for the new and fascinating mode of travel which has already revolutionized modern life, and a new open-air and open-sky way provided to the scenic treasures of Western Canada.

A Forecast In every epoch, as Carlyle pointed out, the great event, parent of all others, is the birth of an idea. When Sir James Hector, geologist to the Palliser expedition fitted out by the British Government to discover a possible route for
a road across the Canadian Rockies, turned aside from the Bow river and ascended the valley of the little Vermilion to the "wide notch in the mountains" now known as Vermilion pass, and picked his way down the rugged west slope to the Kootenay river, he beheld a vision of the future which to-day is realized in fact. In a meadow near the junction of the two rivers the little cavalcade halted. There were eight horses, three Red River men and an Indian guide, and here, seated in his "little leather wigwam," which he had traded from the Stonies, on the 26th of August, 1858, Hector recorded in his diary a visualization of the road that might one day be built. "Of all the passes traversed by our expedition," he wrote, "the most favourable and inexpensive to render available for wheeled conveyances would be Vermilion pass, as the ascent to the height of land is the most gradual of them all . . . . the rise which is certainly not more than 550 feet from Bow river, might be accomplished very easily in making a road and there is nothing like a narrow valley to limit the choice of ground for its construction."

But in his wildest imaginings Hector could not have dreamed that the route he was then traversing would one day be a link in a great circular highway, five thousand miles in length, and that strange, evil-smelling vehicles, propelled without horses, would sweep by thousands over the mountain passes and down the valley of the Columbia to the international boundary, thence to the Pacific Coast and Southern California, returning via the Grand Canyon and the geysers of the Yellowstone, in less time than he and Peter Erasmus and "Nimrod," his Indian guide, and the rest, with their little cavalcade of mountain ponies, took in making the journey from the foothills to the mouth of the Kootenay river. Nor indeed could he have foreseen that the whole of the beautiful region which impressed him so much with its mingled

"They shall dwell securely."

"A mighty cleft within the blossoming hills
A narrow gateway to the mountain's heart."
The Iron Gates
Nature’s entrance to Kootenay National park, formed by towers of red rock
several hundred feet high.

Near Sinclair Summit

The coming of the motor opened more than one
chapter in history. With it came the demand for
roads, roads to all the beautiful and interesting
places of the earth. One of the most beautiful and interesting regions—the National parks in the Central Rockies—was accessible only by
railway. A wall of mountains lay between the Prairies and the Coast.
It was inevitable that the dream of a transmontane motor highway

grandeur and loveliness would one day be set aside for the use and
enjoyment of the people in great public playgrounds in which the wild
life he found so abundant would be restored to its former numbers
and the original landscape preserved in that wilderness which, as Thoreau
declares, is “the preservation of the world.”

Eight

Nine
should begin to stir in the minds of imaginative men. About 1911 the project was first formulated and the matter brought to the attention of the Provincial and Dominion Governments. Preliminary surveys were undertaken and Hector's observations with regard to the feasibility of the Vermilion route were recalled. Engineers of the British Columbia Government reported that this route offered the most favourable way of travel for a main motor highway through the Rocky Mountains and that for scenic grandeur the location could not be surpassed.

As a result of conferences between the two provinces and the Dominion Government, it was agreed that the province of Alberta should build the section from Calgary to the eastern boundary of Rocky Mountains National park, the province of British Columbia the section from the Windermere valley to the Vermilion summit on the western boundary of the park, and that the Dominion should build the section through the National park, uniting the other two.

In 1914 the road was open from Calgary to the Great Divide and the Government of British Columbia had constructed about twelve

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miles on the western section, work being carried on from both ends of the road. Owing to the outbreak of the war the progress of the work in British Columbia was unavoidably interrupted and in 1919, a new agreement was entered into by which the Dominion Government undertook to complete the remaining 53 miles of road by January, 1924. In return the province of British Columbia agreed to convey...
to the Dominion an area of approximately 600 square miles traversed by the new highway, for National park purposes, an area now known as Kootenay National park.

The construction of a highway through unsurveyed mountainous country and so far from a base of supplies was attended with many difficulties. Railheads were seventy-three miles apart and heavy snowfall during the winter months considerably aggravated natural disabilities. In spite of this, however, construction was carried on almost without interruption from the time of commencement and the road was completed by the autumn of 1922 or more than a year before the date fixed upon by the agreement.
Kootenay River near McLeod Meadows

Where scrunching through the feasty brakes,
The moose lawns find the springs.

—Duncan Campbell Scott.

The Final Link of the Grand Circle Tour

The Banff-Windermere road is not only the first motor road across the Central Rockies but also the last link in the great 5,000 mile system of highways known as the "Grand Circle Tour," which furnishes what is probably the most spectacular motor route in the world. Now the circle is complete motorists from the prairies may travel west from Calgary, Alta., passing through the Rocky Mountains National park and the magnificent Alpine scenery of the Central Rockies, touching Banff, Lake Louise, the Valley of the Ten Peaks, Moraine lake, etc., across the Vermilion summit and through Kootenay National park to Invermere or Windermere, B.C. From this point direct road connections can be made via Cranbrook to Spokane, Seattle, Vancouver and Victoria, B.C., Portland, Ore., San Francisco and Los Angeles. Returning, the road swings east to the Grand Canyon, thence north via Salt Lake City, Yellowstone and Glacier National parks to the

Fourteen

Nearing Kootenay Crossing

Sweet are the shy recesses of the woodland. The mew trudges softly there. A film athwart the pathway quivers many-hued against purple shade, fragrant with warm pine, deep moss-beds, feathery ferns. The little brown squirrel drops tail, and leaps; the inmost bird is startled to a chance tuneless note. From silence into silence things move.

—Meredith.

international boundary and thence to Macleod and Calgary. From Macleod a diversion of 64 miles gives access to Waterton Lakes National park, the beautiful reservation in southern Alberta, noted for its fine

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scenery and unequalled fishing. The western section of the Grand Circle is known as the “California-Banff Bee Line,” the eastern, the “Grand Canyon Route.” With their extensions these roads make up a great international park-to-park highway system which touches twelve national parks in the United States and three in Canada.

Within Canadian territory there is also a smaller circle—the noose in this great scenic lariat—which is known as the “Canadian Rockies Circle Tour.” This is formed by the Transprovincial Highway over the Crowsnest pass, which connects with the California-Banff Bee Line at Cranbrook and with the Grand Canyon Route at Macleod, completing a circle of 600 miles, throughout every mile of which the motorist is either within or in full sight of the mountains.

History of the Road

Nearly all roads before they become highways have had a long history, a history stretching often into the dim and romantic past. The path taken by a primeval animal to a greener pasture ground becomes the road which centuries later carries the traffic of a continent; a trail worn by the feet of countless buffaloes becomes a prairie highway, but the route followed by the new Banff-Windermere highway leads through virgin wilderness where few even of the topographical features bear a name. When the engineers went into the country in 1910 to make the first location for the road, no accurate map existed and no survey had been made. The surveyors had not even points to which to tie their lines. History, indeed, had scarcely touched this section of the mountains. For countless centuries, from the close of the Ice Age, a few uncertain millions of years ago, when the glaciers, released from their long sleep of frozen immobility, began to creep down from the heights, carving beds for themselves in the solid rock as they came—beds that were to be deepened later into lower valleys by the “feet of hurrying rivers”—it is probable that no human voice broke the silence of the Vermilion and Kootenay valleys. Then, some two or three hundred years ago, the Kootenay Indians, fleeing from their hereditary enemies, the Blackfeet, crossed the Rockies and pitched their skin or rush lodges along the fertile Columbia valley. Later, amicable relations were established with the Blackfeet and the Vermilion pass probably became a route for the exchange of visits either for friendliness or barter between the Kootenays and the tribes along the Bow. Hector saw traces of an Indian camp at the Vermilion plain. “The Indians come to this place sometimes,” he observes, “and we found the remains of a camp and of a large fire which they had used to convert the ochre into the red oxide which they take away to trade to the Indians of the low country, and also to the Blackfeet as a pigment, calling it Vermilion.”
The western end of the route, from the Simpson river to the Columbia, retains the association of two distinguished names, Sir George Simpson and Father de Smet. The former crossed Simpson pass on his famous journey around the world in 1841 and followed the river now known by his name down to the Vermilion and thence along the Kootenay to Sinclair pass. De Smet, coming from his mission among the Kootenays to visit the Indians of the plains, also passed through Sinclair canyon, followed the Kootenay for a short distance and then the route to Whiteman pass. But till the coming of Hector there is no record of any white traveller taking the Vermilion route and since his day it has been followed only by an occasional trapper or a rare hunting party on its way to the rich big game area across the Divide. So far as this section of the Rockies is concerned it may be said that history began on June 30, 1923, when the first cars went over the Divide.
Along the Way

To one who has not known them it is impossible to describe the delights of this mountain highway. From the eastern wall of the Rockies to the Columbia valley is a little more than 125 miles and every mile is a surprise and an enchantment. It does not matter whether the motorist enter by eastern or western gateway, he is swept at once into an enchanted world. The magnificence of the mountain ranges, the immensity of the scale on which they have been laid out, refuse to be put into words. Something is left out in every picture or photograph. Only the eye can gather the sense of height and vastness, the infinite serenity and majesty, which thrill the beholder on his first glimpse of the Canadian Rockies. The endless succession of ranges billowing off to the distance as far as the eye can see, the countless variety of forms, peak after peak rearing its glorious bulk more than a mile up into the radiant blue, the shifting play of light and shade, the indescribable variation of colour, yes, the very opulence of the sunshine itself, are a revelation and a joy.

"Oh, those mountains, their infinite movement!
Still moving with you,
Fore, ever some new head and breast of them
Thrusts into view."

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"And none shall make them afraid."

For 120 miles the motorist is never outside of a National park, a fact which reveals itself soon in the abundance and fearlessness of the wild life. Mountain sheep, those shiest of wild creatures, lift their heads to gaze unconcernedly at the intruder and then go back to their quiet feeding. A deer will flash through the thick tangle of the forest or a black bear amble off from a leisurely inspection of the recent site of
some wayside camp, but the wild things here are no longer afraid of
man. They realize within these boundaries he has laid aside his
ancient enmity and they are quick to offer in return the gift of equal
friendship. These great sanctuaries, indeed, afford a realization of
those happy conditions visioned by H. G. Wells, in the closing and
prophetic chapters of his "Outline of History." "It is a strange thing,"
he says, "how little has been done since the Bronze Age in taming, using, befriending and appreciating the animal life about us." The first fruits of a finer civilization, he prophesies, will include "strange and beautiful attempts to befriend these pathetic, kindred, lower creatures we no longer fear as enemies, hate as rivals, or need as slaves." While such "finer conditions" may not yet be universally possible the traveller may rejoice that within the National parks at least the prophecy is already true.

Lake Louise
Earth's most exquisite disclosure, heaven's own God in evidence.
—Browning.

A Day's Journey From the eastern gate of the park to Banff is 27.5 miles, from Banff to Invermere 104 more, a distance that could no doubt be covered in one long day. But the motorist who rushes through the Rockies is unwise as the tourist who "does the Louvre" in an hour. Your real nature lover, with the holiday spirit in his heart and his eyes open to the wonder of the universe, will refuse to be hurried through a region so rich in opportunities for new and thrilling experience. The great advantage of motor over railway travel is that it permits the traveller to take his time.

Twenty-four

The Dining Room at the Chateau Lake Louise looks out upon one of the loveliest views in the world.

He may start when he will and stop when he please and there will be no time-table to regulate his proceedings. Along the new highway there are countless invitations to linger. It may be only a garden of exquisite mountain wild flowers, the song of a concealed bird or the sudden beauty of some vista which startles to breathless wonder. A near by canyon will say: Come and see what water and time can do in
of slumbering dromedaries; and then to fall into a joyous sleep which is as good as food—these are adventures no motorist can afford to miss. To wake, too, and see the magical transformation of the dawn, the cold grey solitudes turning to airiest rose or golden thistledown as the fire leaps from peak to peak; to breathe great draughts of an air that fairly snaps with ozone and afterwards to fall to on a gargantuan breakfast that would stagger a city dweller—this is to know what a gloriously good thing it is just to be alive.

whether the road be taken from the east or west matters little, there is no lack of impressiveness throughout. The western terminus is about eleven miles above Invermere, B.C., and from the junction of the Columbia river road with the new highway it is a little over a mile to the impressive Sinclair canyon, the magnificent portal, in keeping with the proportion of the mountains, which nature has carved as a natural gateway to this end of the road.
Leaving the wide and pastoral valley of the Columbia behind and passing through those towering walls of rock another world at once unfolds to view. Far below Sinclair creek tears its way down the contracted valley, rushing and tossing and rending its way through a series of rocky canyons.

Ahead, the mountains fold down upon each other as if to forbid all passage through. In about a mile the picturesque official gateway to the park is reached and just beyond the famous Sinclair Hot Springs in whose waters dusty and weary travellers may find purification and refreshment. Here too, there are comfortable rest camps where they may rest for a few hours or a few days absorbing the beauty of the surroundings.

Leaving Sinclair canyon the road cuts along the base of rugged cliffs and passes through the so-called “Iron Gates,” a second and wider portal formed by splendid towers of red rock on either side of the valley.
Winding up by easy gradients through forests of pines and spruce the road climbs to the summit of Sinclair pass, 4,950 feet. Almost at the Divide lies a charming little lake, lovingly encircled on three sides by the forest, whose waters are of a beautiful green, shot with undertones of gold, known as Lake Olive. From the summit of the pass the road drops down in great sweeps towards the wide and level valley of the Kootenay, affording some wonderful panoramic views. Then, leaving the river, it cuts through the forest between tall lines of slender pines that stand so straight at either side that the road becomes a canyon of living green. The cool restfulness of these long avenues carved in the virgin forest—the nostrils gratefully acknowledging the scent of sun-kissed pine and the faint tang from surrounding snowpeaks—makes these bits of the road linger long in the memory. There is no sound here but the whisper of wind in the tree tops and the purring of the motor. Perhaps a curious whiskey-jack or two will fly down to examine the new-comers or a "fool-hen" fling itself with apparently suicidal intent in front of the car but otherwise the road is undisturbed. Above the green walls the sky shows deepest azure. Down the long vista a white peak will lift itself high in air in a "wedding of whitest white and bluest blue," then the car will emerge into the open valley and a celestial panorama again unroll itself before the eye with the surprise of a new revelation.

At about twenty-eight and one-half miles from the western terminus the road crosses the Kootenay river and swings east towards the

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Vermilion, winding along the high ridge between the two rivers. The broad valley of the Vermilion is a favourite resort of big game and as the car rolls down from the high ridges to the lower levels a glimpse may be caught of a moose or deer. This was an old hunting ground of the Kootenays, and in some of its grassy meadows they may have held their religious festivals in honour of the Sun God whom they worshipped.

Another favourite hunting ground about fifty-four miles from the
western end is near the junction of Ochre creek and Vermilion river, where the ochre deposits or paint beds are found. Three miles farther east is the beautiful Marble canyon, one of the most impressive in the National parks. The canyon, which is about two thousand feet long, is a narrow rocky gorge cut down in the course of centuries by the waters of Tokumm creek. Along its rocky walls are visible numerous ledges and outcroppings of white marble which give the canyon its name. Two flying bridges of natural rock cross the canyon and at its head Tokumm creek plunges down a very spectacular pothole disappearing from view, to reappear a short distance below at a great depth. Beyond the canyon the road climbs towards the Vermilion summit, with the splendid mass of Mt. Ball and, later, Storm Mountain to the right. Although the summit is the watershed of the Continental Divide the road continues its ascent for another three miles in order to obtain a more favourable location and then descends by splendid sweeping curves to the Bow valley. The changing panorama dominated always by the glorious bulk of Castle mountain, afforded by each new turn beggars description. It forms a magnificent climax to this section of the road. Below in the valley is seen the smoke of the railway signalling that civilization is again at hand, and that Banff is only twenty miles away. Before turning east from Castle, however, most visitors will wish to take the twenty-one mile extension west to Lake Louise, most beautiful of all the exquisitely beautiful lakes in the Rockies and its almost equally lovely neighbour, Moraine lake, in the
majestic valley of the Ten Peaks. Here the luxuriously appointed
Canadian Pacific Railway hotel, the Chateau Lake Louise, provides
every comfort the most fastidious can demand.

The Valley of the Bow
From Castle the road leads to Banff, following the
beautiful valley of the Bow and skirting the rugged
mass of the Sawback range. Opposite Pilot moun-
tain there is another fine canyon about half a mile up Johnston creek and
high on the left is soon seen the “Window of the Gods,” a cave bored en-
tirely through the mountain. Then the beautiful mass of Mt. Rundle
looms ahead and the road sweeps about the Vermilion lakes to the town.

Banff, the headquarters of Rocky Mountains National park, is a char-
ming little town possessing broad well paved streets, some good stores, banks,
garages and accommodation to suit every purse, from a public motor camp-
site to a palatial Canadian Pacific Railway hotel. A fine golf course and hot
sulphur swimming baths, both operated by the Government, afford de-
lightful recreation. There are, too, a number of interesting spots in the
immediate vicinity that no visitor should miss. From Banff a run of 27.5
miles through impressive scenery brings the traveller to the eastern gate
of the park, whence the road passes through the eastern gap and thence
across the foothills to Calgary, distant 85 miles from Banff.

The motorist who travels over the new highway, through the glorious
ranges of the Rockies, will have a new conception of the greatness of
Canada and if his journey compass the entire Circle and include the
fifteen great reservations now set apart for public benefit and enjoy-
ment, it will be strange if he cannot catch a glimpse of a new philosophy
of beauty and its uses in national life. It is less than half a century
since it began to be realized on this continent that places of exceptional
beauty, such as Ruskin visualized, “guarded from violence and in-
habited, under man’s affectionate protection by every kind of living
creature that can occupy it in peace,” were national possessions of the
highest value that should not be restricted to the use and enjoyment of
a few persons but should be set aside and preserved for the use of the
whole nation for all time. The recognition of this principle has led to
the preservation of great natural areas both in the United States and
Canada. The building of motor highways makes these reservations in
reality what those who created them dreamed they might become,
“people’s parks,” in the broad and democratic sense of the word. The
phrase from to-day must bear, too, a wider application, for men are
coming to see that there can be no nationalism, no parochialism where
such beauty is concerned; that here national boasting must be silent and
the spirit of man humble and reverent before creative might and power.

“The dreamer lives forever,” said John Boyle O’Reilly, since the
ultimate fact is only the embodiment of the dream. Out of the dreams
of a few far-visioned men have come the National parks and the

Thirty-four
Department of the Interior
Canada
CANADIAN NATIONAL PARKS BRANCH

GRAND CIRCLE TOUR

BANFF—CALIFORNIA BEE-LINE HIGHWAY AND
BANFF—GRAND CANYON HIGHWAY SHOWN THIS
MAIN CONNECTING ROADS

Prepared in the R.H. Service