
This is the 1930 edition of a guidebook first published in 1927 and written by M. B. Williams. The scenic trail between Lake Louise, Alberta and Golden, British Columbia is the jumping-off point for a fawning tribute to the automobile.

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THE KICKING HORSE TRAIL
THE DEPARTMENT OF THE INTERIOR

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The Kicking Horse Trail

Scenic Highway from Lake Louise, Alberta to Golden, British Columbia

BY

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The Kicking Horse Trail

"Clearing the mountain barriers,
Opening the long closed gates."

THERE are people who really profess to believe that this is an unimaginative age. They refer regretfully to our mechanical civilization, as if today men had ceased to see visions and to dream dreams. Yet, in reality, was there ever an age in which the imagination has been so daring and so victorious! Dreams that our fathers counted for madness, how they have taken shape before our eyes! Architectural and engineering achievements that to them would have seemed unthinkable, inventions that have given man a command over space and time as wonderful as the powers bestowed by the genii of the fairy tale—they are so rapidly becoming the realities of commonplace for us that we are in danger of losing the sense of their romance. Not the least wonderful among these, is the "horseless carriage," fantastic chimera for so many centuries of wildly imaginative minds. A mere mechanical contrivance, it is true, but already what gifts of new power and enjoyment has it not brought to man? Out of the machine, in this instance, there has come, if not a god, at least a genius of untold capabilities. Already, in two short decades, have we not seen it practically revolutionize our way of life, sweeping away with one gesture, the old measures of time and distance, and enabling man, for the first time since he exchanged his nomadic existence for the warm security of the fireside, to escape from the narrow boundaries of his local parish and to enter upon a wider, more joyous, more adventurous life.
For the new genius had but to speak and what was once far has become near, what was impossible, easy. At its command the world over, east, west, north, and south, thousands of miles of roads have unrolled like magic carpets. Engineering difficulties regarded as insuperable have been surmounted, and into regions long considered impassable a way has been found.

With this new contrivance have come too, new developments in man himself. Through it he is finding his way back to new health and vigour, to a new companionship with the sun and the wind and the sky, to a new love of the beauty of the Earth. At the gates of all her loveliest regions he is asking for entrance and one by one they are opening to let him in. Distance is no longer a barrier, for a man has but to step into a motor car and he has fastened wings to his ankles like Mercury himself. The continent has become his playground, his holiday possibilities reach to the uttermost ends of the land.

Among the long-closed regions of wonder and romance into which a way has at last been found are the Canadian Rockies. Each year the door has been opened a little farther, until now a good part of the most beautiful sections of these glorious ranges is within the motorist’s reach. The completion of the new highway, "The Kicking Horse Trail," marks the fulfilment of one more daring engineering conception, the building of a transmontane highway through the heart of the Central Rockies, across the difficult regions traversed by the Canadian Pacific railway.

White peaks soar at the end of long green aisles of forest.

With snows eternal
Muiling its summit
And silence ineffable.

—Da la Mare.
The Three Sisters

The history of the motorist’s entry into the Rockies has been progressive. In 1914 the completion of the Calgary-Banff road opened the way to Banff in the Rocky Mountains Park, admitting him to the great antechamber of the mountains. The Banff-Windermere highway, completed in 1923, extended his opportunities. It carried him across the main divide, through Kootenay National Park, to the Columbia valley, and, by linking up with existing roads, provided a direct through route from both the east and the west. The extension from Castle to Lake Louise gave him the opportunity to see this exquisite lake—the pearl of the Rockies—which is everywhere regarded as one of the great landscape masterpieces of the world.

Now, as has been said, with the completion of The Kicking Horse trail, a new door opens. The whole beautiful region from Lake Louise west to the Columbia valley—pre-historic trench between the Rockies and the older ranges to the west—is at last accessible. Following the same route as the first transcontinental railway, the motorist may now cross the famous Kicking Horse pass to Yoho Park, visit the magnificent Yoho valley, see lovely Emerald lake, and then go on by the great Kicking Horse valley, to the western confines of Yoho Park and there cap his spectacular journey with the eleven-mile traverse of the thrilling Kicking Horse gorge.

The Rocky Mountain Lariat.—This new highway forms, too, the final arc in a new scenic circle, a loop route that will enclose one of the richest scenic regions in the Rockies, having the Banff-Windermere highway as its southern arm, the Kicking Horse trail as its northern, while the existing Columbia River highway from Golden south will unite the two. Combined they will form a scenic lariat of 275 miles, looping among snow-peaks and glaciers and winding about the feet of some of the finest peaks in the Rockies. To the new highway has been given an old name, one associated with the region since the time of its first discovery and which is already borne by several of its most prominent features. Five miles from Lake Louise is the famous Kicking Horse pass, the discovery of which led to the selection of this route for the first transcontinental railway. In the centre of the pass, on the very ridgepole of the continent, is born the Kicking Horse river.
Throughout the whole forty-seven miles of its turbulent course the highway accompanies this river, from its first tempestuous journey into Yoho National Park to its last mad rush through the narrow Kicking Horse canyon where it flings itself panting and exhausted upon the bosom of the Columbia and is borne away on its swelling tide to the far Pacific.

Sir James Hector.—It is fitting that the name of the highway should recall and help to perpetuate the memory of Sir James Hector, the intrepid discoverer, who, despite the accident which gives its name to the river, cut his way through the tangled forest of the west slope and discovered the pass which has made possible both the railway and the highway of today. It is Hector’s name, indeed that will arise in the minds of all who travel, not only the Kicking Horse trail, but the whole lariat highway. For it was Hector who seventy years ago on this same journey discovered the route now followed by the Banff-Windermere highway across the Vermilion summit, the pass which he declared was in his opinion the most suitable of all passes in the mountains for the building of a road.

Seventy years! What is that in the history of the mountains? A mere moment, a brief tick on their tremendous horloge. Scarcely long enough for an energetic glacial stream to cut through an inch of limestone, for a slow leviathan glacier to creep a few feet down the mountain side. There are men now living, who were old enough to be at their Euclid when Hector set out across the Divide. Yet seventy years ago the Central Rockies was virtually an unknown wilderness, a chaos of tangled forest and unravelled topography. The only trails were the few made by war or hunting parties of Indians, and these were usually long since overgrown. No white man, so far as it is known, had then ascended the Bow valley from the plains. Sir George Simpson, in 1841, it is true, had entered the mountains by Peechee gap, passed by lake Minnewanka and down over what is now known as Simpson pass, but though less than twenty years had elapsed, Hector could not learn exactly what route this distinguished traveller had followed, and Simpson’s own description of it proved too indefinite for a guide. The region was regarded as both difficult and dangerous. Stories of the fierce tribes along its shores who had compelled the Hudson’s Bay Company to relinquish its post just outside the mountains—the old Bow Fort—still lingered in men’s minds. Rumours of wild beasts and lurking savages struck fear into their imaginations.

The Palliser Expedition.—But in 1857 an expedition, under Captain Palliser, is sent out from England by Her Majesty’s Government to find a road to the western sea, and with British thoroughness they undertake the task. The Rockies are explored in three divisions from the Athabaska river in the north to the International Boundary to the south. Hector is assigned to investigate the central regions, to follow the Bow river and to explore as many passes as possible.

It is the third of August, 1858, when Hector and his little party set out across the foothills towards the mountains. The heat of summer is at its height. The river is running swiftly, and the Red River carts in which they travel are frequently upset. But the view of the snowcapped mountains is “exhilarating” and frequent herds of buffalo supply ample meat.
At the site of old Bow Fort, four days later, they camp "on a fine level shelf a few hundred yards up a creek that joins the Bow river at this point." The carts must be left here since they are too unwieldy to cross the mountains. There are three Red River men, Peter, Brown and Richards, well versed in the ways of the woods. Their guide is a Stoney Indian whose native name meaning "the one with a thumb like a blunt arrow," proves so unpronouncable that Hector calls him "Nimrod" for short, and as Nimrod he goes down to history. There is a horse for each man and three for the carrying of instruments, ammunition and bedding, for Hector has heard that there is an abundance of game in the mountains and so takes "no provisions excepting a little tea and a few pounds of grease."

"The fallen timber requires hours of chopping"

Following the gravel flats of the river with an occasional plunge into the woods they come to what is now Banff and camp near Cascade mountain, whose Indian name, unfortunately lost, meant "mountain where the water falls." Wild sheep and goat are abundant but extremely difficult to secure. They are told of one, shot on Cascade mountain, and wounded in five different places, which climbed out on a ledge and remained there seven days before he fell dead to the valley.

From Banff they turn westward to find a pass to the southwest, once used by Cree war parties and Kootenays on expeditions of barter or friendship, now long neglected. At Castle mountain, after two days spent in drying the meat of a moose, they leave the Bow, turn to the south along the valley of the Little Vermilion, known today as Altrude creek. It is hard going and the climb is steep. The August sun beats down fiercely. They have to hew and hack their way through a tangle of deadfall that reaches at times breast high to the horses. Six hours are required to make the nine miles to the Divide. The weather breaks. There come soaking mist and rain, and they travel through steaming woods, wet to the skin. Worse still, their carefully dried meat spoils under the continued heat and moisture, and the "abundant game" does not appear. Each day the men take to the woods in the hope of picking up a game trail but without success. By the time they reach the crossing of the Kootenay river the last of their provisions is almost gone.

Here, Hector turns north, following the Beaverfoot in the hope of finding some transverse valley that will lead them to the Columbia. In this whole region, now so abounding in game of many kinds, they can find none. They attempt, without success, to catch a few mountain trout and have to fall back on raspberries to fill out the increasing thinness of their menu. The fallen timber, requires hours of chopping and continued thunderstorms and rain add to their discomfort. There is, too, no grass, and the horses legs "are getting very badly cut by the constant leaping and scrambling over the fallen timber, so that on the whole they have their tempers and patience tried a good deal."

The food problem is now growing serious and so, at the junction of the Beaverfoot and a stream flowing from the northwest, Hector turns eastward. It is near here, on August 29, that he meets with the accident which is destined to give its name to the region. A little way above the junction of the river they are following and another stream from the northwest, they arrive at "a fall about 40 feet in height, where the channel is contracted by perpendicular rocks." Scarcely have they passed this cataract—now known as the Wapta falls—when one of the tormented pack horses, to escape the fallen timber, plunges into the stream where it forms an eddy. The banks are very steep and the whole party has to turn to, to help pull him to safety. Hector's horse, in the meantime, in the way of all cayuses, roams into the woods on adventures of his own, and
when Hector goes to re-
capture him, he lashes out
with his heels and kicks
his master in the chest.
"Luckily," says Hector's
journal, "I had got close
to him before he struck
me so that I did not get
the full force of the blow.
However, it knocked me
down and rendered me
senseless for some time.
This was unfortunate as
we had seen no tracks of
game in the neighbour-
hood, and were now with-
out food."

Unfortunate, indeed,
since it means that Hector
cannot travel. His first
thought on regaining con-
sciousness is for his men.
Commanding them to cover
him up and lay him under
a tree, he sends them all off
to look for game. One by one, weary and dejected, they return
at night without success, though Nimrod has seen tracks of a
herd of wapiti. By the next day their leader is a little better
and at noon insists upon taking a meridian observation. The
latitude is 51° 10' N. Again the men go hunting, again without
success. Peter and Brown, it is true, shoot a white goat, but it
falls over a precipice and they have to leave its much desired
meat lying far out of reach below. Nimrod, searching again for
the wapiti, has the misfortune to run a large spike through his foot.
Their plight is now growing desperate. If they remain
where they are actual starvation is staring them in the face.
They must, it is clear, make an effort to go forward. Once across
the Divide game is almost sure to be more abundant. Hector
declares he is well enough to travel, and although every step
of the horse gives him great pain, they set out again on the
trail. It is a dreary little cavalcade, Hector ill and suffering.
Nimrod hampered by his lame foot, the horses battered, bruised,
emaciated and ill-tempered from their hard travelling, the men
haggard and dispirited with anxiety, fatigue and lack of

food. They beg Hector to slaughter one of the horses, and
there was an old gray, prone to every kind of trouble, whom all
would have sacrificed apparently without regret, but Hector
hesitates, knowing the danger of once resorting to this desperate
resource. He encourages his men to a little more endurance,
points out the probabilities of relief once they are across the
height of land, and on the promise that if no game be secured in
two days more he will yield to their wishes, they go on. Yet, in
spite of the fact that he is ill and suffering, Hector still makes
his regular entries in his journal, noting with the calm observa-
tion of a scientist the latitude and geological nature of the
country through which they are passing.

They travel along the wide valley of the river which his men
now call the Kicking Horse, past its junction with what is now
the Amiskwi, through the canyon, where they spend a night,
past the falls, Natural Bridge, the present site of Field,
and on September 2 begin the steep ascent of the west slope.

Their way lies among deep pine woods and through occasional
openings in the forest they catch glimpses of a far-reaching
panorama that today arouses the admiration of thousands,
but they are too weary and anxious to give it more than a
passing glance. For five days now they have had only a few
mouthfuls of food, for twenty-four hours none at all. Eagerly,
therefore, they snatch up handfuls of blueberries which they
find growing abundantly along the trail. It is unsubstantial
nourishment, but it serves to dull the worst edge of their hunger.
The ascent is steep, the deadfall requires constant chopping
and in their weakened condition they have the greatest difficulty
in crossing the moss covered rocks that well the stream, now
boiling and leaping through a deep rocky channel.
at his pack and lessen his momentum, until at last he comes to
a temporary pause by falling right on his back, the pack acting
as a sort of fender. "However," says the journal, "in his
endeavours to get up he started down hill again, and at last
slid on a dead tree that stuck out at right angles to the slope,
balancing himself with his legs dangling on either side of the
trunk of the tree in a most comical manner. It was only by
making a round of a mile that we succeeded in getting him back,
all battered and bruised, to the rest of the horses." A round
of a mile and two hours' delay at least, for weary and starving
men!

But the summit is gained at last. The beautiful pass, with
its grassy alpine meadows, the little lakes shining on its floor,
which is destined to form the main key to the Central Rockies,
lies before them. Without realizing it they have discovered
the object of their long search. But they are too weary to guess
its significance and, crossing the pass, they camp at its farther
side. The green meadows supply plenty of food for the tired and hungry horses and they fall to without delay. The men are less fortunate but Hector manages to kill one fool-hen and this "boiled up with candle-ends and grease" has to suffice as a meagre meal for the five. The first frosts of Autumn are beginning to skim the ponds with ice, so that in this high altitude and their half-famished condition the men suffer a good deal from the cold. Shivering, weary and hungry, they lie down to sleep with no thought at all in their minds that they have that day made history, that beside the very spot where they are encamped the story of their achievement will be carved in stone to be read by the countless thousands who in a few years will travel with the traffic of a continent by the path that they have made that day across the peaks.

But the worst of their troubles are now over. The next day Nimrod comes back in great glee, having shot a moose, a lean doe, it is true, but starving men are no choosers. On the following morning, a friendly Stony arrives and leads them to his camp eight miles up towards the Bow pass, where they are received with warm and generous hospitality, and fed upon all sorts of Indian delicacies. In a few days' time Hector's strength returns and they are able once more to set out. So Hector goes, taking the trail across the Bow pass towards the North Saskatchewan, without a look backward to the Kicking Horse pass and scarcely a word in its commendation. It is the Vermilion pass which in his final report he recommends as most suitable for a road.

Yet, twenty-two years later, on October 31, 1880, to be exact, representatives of the new Canadian Pacific Railway company sign their names to a contract with the Government of the Dominion of Canada for the construction within ten years' time of a railway across the Prairies and through the Rocky Mountains to the Coast. And the route selected for the crossing of the main range is no other than that Kicking Horse pass discovered by Hector a score of years before but which, curiously enough, he had not even referred to as a possibility in his final report. Soon along the Bow valley and across the Near Eastern Portal of Kicking Horse Pass

Kicking Horse pass surveyors are laying the road, looping the line down the precipitous west slope to Field in a gigantic spiral which reaches at times a gradient of over four per cent.

The Building of the Railway Just five years from the date of the signing of the contract, in November, 1885, with distinguished representatives of the railway and press on board, reverberating through the astonished mountains goes the first through train from the East. The last spike is driven at Craigellachie, the little station which commemorates the Gaelic message meaning "stand fast" sent by Sir George Stephen, later Lord Mount Stephen, to Sir Donald Smith, afterwards Lord Strathcona, in one of the darkest hours of the construction days. The gigantic enterprise is at last completed. The barrier of the Rockies has been conquered. The tides of the life of the great Dominion are free now to flow unimpeded from coast to coast.

For many years the railway struggles with the problem of the "Big Hill" at Field. Every day four huge engines, dragging the heavy freight and passenger trains, puff and pant their way laboriously up that tremendous slope. Every day the west-
bound trains slide, as slowly as may be, under full brakes, down the steep incline, gathering momentum with each mile. Here and there spring switches are installed and unless the engineer signals that his train is under perfect control, the switch springs open and carries the train up the mountain side until it has, so to speak, recovered its feet. Then, its impetus lost, it backs out again to the main line, and once more begins to creep downward. A costly business this and dangerous, albeit there is never an accident in twenty-four long years. Too costly and too slow for the rapid increase of travel. Some other solution must clearly be found. The best engineering brains are set to work on the problem. The precipitous mountain walls on each side of the valley offer no secure footing for a railway. Great spiral tunnels through Cathedral mountain and mount Ogden become a necessity. Burrowing from each end the steel drills bore the giant curves through the dark entrails of the mountains, meeting in the centre only one-half inch apart. In 1909 the railway abandons the old line, relinquishing, it is true, part of the magnificent views on the descent that had so delighted travellers, but through the use of the tunnels, gaining immeasurably in safety, time and expense.

Now, in 1927, comes the last chapter, the opening of a thorough way for the motor car across the region traversed by the railway, a road awaited with keen expectation by motorists, not only because it will give them access to practically the whole of the Central Rockies, but because it forms the last link but one in the great project of a transmontane motor highway from the plains to the Pacific.

The distance from Lake Louise to Golden is fifty-four miles. With the two extensions—to Emerald lake and up the Yoho valley to the Takakkaw falls—eighteen more. Seventy-two miles in all, and every mile of it through mountain scenery of the most sublime grandeur.

Train climbing the "Big Hill" near Field, B.C.

The first section of the new road, from Lake Louise to Field, a distance of sixteen miles, was built by the Canadian National Parks Branch and opened for traffic in 1926. In addition to its historic back-ground this section of the road has great interest both from the geographic and engineering points of view. Geographically, because it crosses the Continental Divide of the great Rocky Mountains and within a few yards of the point where the waters born on the slopes of mount Niblock, divide, one stream flowing west to the Pacific ocean by way of the Kicking Horse and the Columbia rivers, the other east by way of the Bow, the Saskatchewan and the Nelson to Hudson bay and so to the Atlantic. From an engineering point of view this section is also interesting through the successful way in which it has handled the problem of grades. Starting from Lake Louise at an altitude of more than a mile above sea level, it drops 1,300 feet in sixteen miles before reaching the town of Field, yet with no grades greater than eight per cent, and this only for a short distance.

From Lake Louise the highway runs on the south side of the Bow valley, the railway on the north, the road crossing the Great Divide at a point several hundred feet from its steel...
companion. At Wapta, at the western portal of the Kicking Horse pass, the highway picks up the old right of way abandoned by the railway when the tunnels were built and utilizes it for the steep descent. A four per cent grade means hard going for a locomotive, but it is not enough to necessitate a change of gears on a modern car. Through old rock cuttings the road begins the descent, affording from several look-out points—where all who are wise will pause—magnificent views of the two great valleys of the Yoho and the Kicking Horse, and of the glorious peaks, Cathedral, Stephen, Field, Burgess, and Wapta, which tower up nearly a mile and a half above the valley floor.

Since the building of the tunnels many visitors to Yoho park have frequently left the train at Hector and walked down the seven miles to Field so as to get the uninterrupted view. This is undoubtedly an experience well worth while for all who have the leisure and energy at their command. But for those who have not the highway will now afford the same pleasures. Gliding swiftly downwards, the blue sky above, the mountain air in his face, the great bowl of the valley below, the motorist will catch at every turn a new vista and see from different levels the looping and interlooping of those great serpentine coils, thrust into the very heart of the mountains themselves, by which the steel python rears itself to the pass.

At Field, as has been said, two short but interesting extension roads are open, one of eleven miles up the wonderful Yoho valley, with its magnificent Takakkaw falls and an ice world at its head which will tempt many to linger, another of seven miles to Emerald lake—exquisite mirror of sylvan and alpine loveliness—where a charming Swiss chalet and colony of bungalows provide accommodation.

From Field the main highway leads westward, following the yellow Kicking Horse, here spreading out into a wide valley with many gravel bars but soon contracted again and tearing its way through the rocky barrier known as the Natural Bridge, to hurtle over the Kicking Horse falls; in a few miles, taking to itself the waters of Emerald creek, the Amiskwi, and the Ottertail, and flowing through a wide wooded valley which is a favourite haunt of moose and deer. As the road dips and rises fine views open in all directions. There are glimpses of Mount Vaux to the south, and as Leanchoil is approached, of Chancellor peak which becomes the dominating summit of the scene. Half a mile from Leanchoil a trail leads south two and a half miles to the Wapta falls where the Kicking Horse river plunges wildly in a spectacular fall of forty feet. Two miles beyond Leanchoil the highway leaves the Yoho National Park and enters upon the section built by the Government of the province of British Columbia which extends eastward from Golden for sixteen miles. The last section forms a magnificent climax to the traverse of the Rockies, and is, perhaps, the most thrilling from the motoring point of view of the whole route. For the first few miles the road runs along the wooded side hills to the north of the Kicking Horse river, but gradually the walls of the valley begin to close in. Below, the river now practically clear of sediment, runs greenish-white over thick
gravel bars, every pebble visible through its crystal water. To the north is the Van Horne range; to the south the long rounded line of the Beaverfoot mountains. Ahead, with each mile, the valley narrows and deepens; the river is sinking lower, and the sound of its swift rushing is heard far below, until, about six miles from Leanchiel, road, river, and railway enter the tremendous canyon of the Kicking Horse—a magnificent gorge, ten miles long, with rocky walls rising thousands of feet at each side and converging at the bottom, until it is in places not more than thirty feet across. Along its floor boils the river while the railroad, turning and twisting, crossing and re-crossing from side to side of the stream, makes what shifts it can to find room for its feet. In some places, finding none, it is forced to burrow through the solid rock.

No room in such narrow quarters, it is clearly evident, for a modern motor road. Faced with this problem the highway engineers lifted their eyes higher up. As Hector had pointed out some seventy years before in his journal, there is nothing like a narrow valley for limiting the choice of a road. There was no choice here but to build along the side wall of the canyon. So the road goes, climbing along the face of the cliffs and, like the railway, crossing from side to side, as better footing can be secured. About seven miles from Leanchiel it reaches its highest point, approximately 600 feet above the valley. The sense of elevation, the far reaching views such as are usually only the reward of mountain climbers, makes this section delightful. Looking down, the train winding through the valley below seems little more than a toy, a man walking along the track, a tiny puppet, yet so well is the road built that there is a feeling of perfect safety.

Some day some poet may praise worthily the pathfinders and roadmakers of this new continent, the men who made the way straight in the wilderness for those who were to come. For practically every road we travel today so easily represents a one-time victory, a triumph of human energy, courage and intelligence over the harsh forces of Nature.

In the building of roads through the Rockies, all three are demanded; but perhaps intelligence comes first. Finding the right location is half the battle. There may be a dozen possible routes but the engineer seeks one that will afford the best grades, the best views and the least expense for building and maintenance. In the short stretch from Lake Louise to the Divide three routes were open:—the north and sunny side of the valley following the Bow along the valley floor; the

south bank of the stream, following Bath creek to the Divide; and the one finally chosen through the green timber, high on the slopes of the side hills. The last was not only less difficult
to build, would involve less difficulty in maintenance, but it
provided far more magnificent views. The descent of the Big
Hill was a problem already solved by the utilization of the old
railway right of way. All that was necessary was the widening
of the road, bridges and culverts. Once on the valley floor a
location had to be found out of reach of the turbulent Kicking
Horse, which at periods of high water goes wild, tearing out its
banks and bridges, and creating a new course every few years.
The problem of a route through the great gorge, as has been
said, had been practically settled by Nature. The question was
one of finding the best grades, firmest footing and the least
expensive construction.

This last section of fifteen miles required three years to
build. Its high elevation and peculiar situation involved many
special difficulties. The greatest care had to be exercised, for
instance, in the removal of debris on account of the tracks below.
One rock dropped down the valley side might break a rail and
wreck an on-coming express. Cribbing, too, was a problem.
Towards the western end the nearest suitable timber grew on
the mountain top above. Logs, however, could not be rolled
down over the edge because they were wanted half way. Accord-
ingly, the required timber, about 600,000 lineal feet, had all to
be let down 1,200 feet by cable and drum. On this end, con-
struction was carried on over a stretch of two miles throughout
the winter, supplies being brought in by pack train. There
came deep snows. Huge drifts filled up the trail between
Golden and the work camp. The only way in which communica-
tion with the base of supplies could be kept open was by
building a wagon road eight or ten miles over the mountain
to Golden. Dynamiting operations, too, were unusually
difficult. Where rock excavations were necessary a man was
let down by a rope over the side of the cliff. Hanging suspended
at the end of fifty feet of rope, he bored a hole into the mountain
for the shot, lit the fuse and then signalled to his companions
at the top to haul away. Yet the section was completed without
a serious accident of any kind. Excellent grades have been
obtained throughout, reaching in only one or two places as high
as gradient as eight per cent, and this only for a short distance.

THE HIGHWAY MAGNIFICENT

The entire Mountain Lariat if entered from Calgary,
Alberta, covers about 317 miles; if entered via Fernie, British
Columbia—the western gateway from Seattle, Vancouver and
the Pacific Coast—369 miles. Those who enter from the east
will be able to enjoy what, in the opinion of many, is one of the
richest experiences in the mountains—the dramatic transition
from the level prairies to snow-capped peaks, the gradual
approach to that gleaming, marvellously beautiful facade of
the Rockies across the miles of plains. He who enters from the
west will follow the great intra-montane trench, once the verge
of the inland sea in which the Rockies were laid down, and see
the birthplace of the mighty Columbia, which after a journey
northward of two hundred miles, returns once more to the south
and, crossing the International Boundary, flows into the Pacific
not far from Portland, Oregon. Along this valley he will find,
too, some interesting historic records of early days, including the
memorial fort at Invermere, commemorating the old fur trading
post on the Columbia established by David Thompson, the great
geographer and explorer, over a century ago. At Firlands he
will enter the Rockies by what is probably their most impressive
gateway, the splendid Sinclair canyon or Parson's gap, which,
with a magnificent gesture, admits one to the fairyland within.
Here he will enter Kootenay National Park and for sixty-
three miles he will travel through this lovely reserve. At the
Vermilion summit he will cross into the Rocky Mountain or
Banff Park, and in about thirty miles reach Banff itself. From
Banff he may continue eastward to the east gate of the park,
about thirty-two miles distant, and travel across the foothills and
prairies to Calgary, Alberta, or from Banff he may turn westward
again and from Castle Forks—the point at which the Banff-
Windermere road touches the Bow valley—go on to Lake
Louise. At Lake Louise he may take the extension road to
Moraine lake and the wildly beautiful valley of the Ten Peaks,
then turning westward once more, follow the Kicking Horse
trail across the Great Divide into and across Yoho National
Park and through the gorge of the Kicking Horse river to Golden, British Columbia. From Golden he will turn southward, following the east side of the Columbia River valley for sixty-seven miles to the junction with the Banff-Windermere road.

For over three hundred miles of this circle he will travel continuously within a national park, amid regions reserved by the Government because they are admittedly among the finest examples of their kind. He will penetrate the very heart of the Rockies, cross the Great Divide twice and go over three mountain passes. He will journey in full sight of glaciers, snowfields, and ice-crowned peaks. He will travel for miles through the primeval forest as yet scarcely broken by a warden's trail. And because these are national parks he will see on every hand wild life of every kind roaming fearlessly, catch glimpses of sheep, goat, deer, moose, elk and bear, and if his camera be kept in readiness, be able to record them before they move off into the forest.

Everywhere, too, he will find the landscape and original conditions of every kind reverently preserved, so that, if he is a student, he may study the flora and fauna in their natural habitat, or if only a lover of nature, he may look upon a landscape, lovely and unspoiled, lying "as when first created, in all the freshness of childhood."

Because these are national parks he will find, too, many provisions for his comfort, convenience, and enjoyment. Motor campsites, rest rooms, hot springs under government control with large open air swimming pools, a golf course where one may play for a nominal fee, a Rocky Mountains museum and zoo containing exhibits of many native species—these will add to the comfort and interest of his journey. If he wishes to settle down and camp for a few weeks or a month so as to absorb the peace and sublimity of the mountains, he may have a lot allocated to his use in the Tunnel Mountain campsite at Banff, an out-of-door caravansary, equipped with every convenience the modern motorist desires.

Those who do not wish to camp will find a wide range of accommodation from the luxuriously appointed Chateaux of the Canadian Pacific Railway, to the moderately priced hotel and simple bungalow camps. Motor buses run daily from Calgary to Banff and from Banff to Lake Louise, Field, the Yoho valley and Golden, so that even the tourist who does not bring his own car may know something of this delightfully intimate way of journeying among the peaks.

Those who take the whole mountain circle will enjoy an experience which must stand out as one of the most memorable of their lives. It is not only that the regions through which one passes are so enchanting and sublime, but the road itself has been planned and built so that there is a constant variety and one has not a chance to grow tired even of grandeur. At the very moment when the senses seem to have gathered all they can bear of continuous sublimity, the road slips into the forest, running for miles through cool green silences sweet with pine and fern, to sweep out again with the charm of a fresh discovery upon new combinations of beautiful valleys and tremendous peaks.
THE ROAD TO ARCADY

O these mountains, their infinite movement
Still moving with you.
For, ever some new head and breast of them
Comes into view.
—Browning.

A charming English writer recently complained that it seemed to him there was a serious gap in most descriptions of Paradise. Nothing was said about a site for the lake of Geneva. Those who have come to know and love the highways of the Canadian Rockies might put forward a plea for still one more addition—a mountain road, winding up hill and down valley among glorious snow-crowned peaks. For in the Canadian Rockies the road not only leads to beauty but has become part of beauty itself. Laid out by experienced engineers, it has sought, not the shortest distance between two points, but the giving of the greatest pleasure that may be.

Taken in its entirety the new mountain circle has a variety that is at once a surprise and a delight, a sort of balance in its different sections, that gives one something of the pleasure of an artistic composition. Indeed, if one were to let the fancy play a little, the road is not unlike a piece of music itself. Taken, if you will, from Calgary, there is the long approach across the plains as prelude, with the beautiful theme of the snowpeaks hovering exquisitely and growing clearer with each mile. The road slips through the mountain gateway and of a sudden, like the strong chords of the full movement, the great peaks are all about. Like music, too, are the endless variations and surprises the delicate embroideries of the main theme. Like music the tremendous crescendoes of those glorious up-sweeping climbs to the heights, the long diminuendoes of the downward glide, followed, lest the senses should grow weary, by the smooth andantes, the quiet stretches of level road through the forest or along the valley floor.

And indeed, to travel one of these splendid highways from end to end is to realize that the new genius has not only lightened man's labours, and extended his power over space and time, but that it has brought him a fresh world of experience not unlike that of art itself. The swift rhythmic flight of the car over the long rhythmic curves of the road, the constant dipping and rising, the great sweeping descents to the valley—like the
cutting of a bird's wing through the air—the magnificent spiral climbs to the heights, what are these but a new poetry of motion? An earlier generation loved the quiet contemplation of a beautiful landscape, the absorption of one particular scene. But this age is set to a swifter tempo which creates its own pleasures, less static but no less ecstatic. And, certainly, to move with the swiftness and rhythm of a bird's flight, now close to the valley, now high above it, against a changing background of unimaginable splendour that weaves a new pattern of beauty with every mile, with the sun and the wind as companions and the blue sky overhead, is to know a new ecstasy of movement, to feel half delivered from our animal bondage to the solid earth.

Moving from beauty to beauty, along paths carved by ancient glaciers, through the valleys of the Bow and the Kicking Horse, the new highway goes. Towering upwards, on either hand, rise the great peaks, a countless succession, yet each distinct in individuality, hewn into every massive architectural
form, making a splendid natural Avenue of Temples, through which road, rivers and railway take the processional way for over two hundred miles. And everywhere, what enchanting light and colour, a many-coloured kaleidoscope changing from mile to mile! The green plumes of the pine trees feathering the lower slopes, the silvery grey limestone splashed and banded with old reds, delicate pinks, yellows and purplish maroons, the crystal veil of a waterfall swaying from far heights, the dazzling gleam of a snow peak or the glitter of green ice where a glacier clutches at some steep face of rock; the intense blue of the sky, stretched like a sheet of thin silk behind the peaks, the slow white clouds, moving in little puffs up the slopes or winding and unwinding their airy scarves about the serene foreheads of the peaks, the changing patterns woven by their purple shadows and the deep shadow of peak on peak—the whole making up a marvellous, dissolving, many-coloured diorama that unrolls for two hundred miles from the eastern gateway of the main Rockies to the Columbia valley at their western portal.

Golden, B.C.

Where all enchanted hours prepare Enchantment for tomorrow’s wear.
Within the national parks, along these beautiful highways, where nothing that is vulgar or ugly is allowed to meet the eye, one catches a glimpse, too, of the world which the new genius is encouraging us to make. It is not enough now that the road should carry us somewhere. It has become an end in itself. A man is no longer satisfied with mere movement. He is beginning to desire—he will probably soon come to demand—everywhere the beautiful and harmonious environment as the background for the road. What this will ultimately mean, what changes it will work in our whole civilization, it is impossible to say. For the Road Beautiful means the Village Beautiful, the Town Beautiful, and in the end the Nation Beautiful as well. Some hint of a possible new reverence for the landscape, for the wild life that enriches it, for wild flowers and shrubs and trees, for the carefully preserved vista, that may one day become universal, the traveller may catch in the national parks. Once caught, he will realize that it satisfies a hunger, deep and unsuspected, for a life beautiful and harmonious in all its parts such as was dreamed of by the Greeks of old.

He who travels through this glorious region can hardly fail to return with treasure. If he be a Canadian he will bring home a new love of his country, a new pride in her superb mountains.

Western Gateway to Kootenay National Park

Mt. Sheol and Haddo Peak from Paradise Valley

and her great national parks. If he be a stranger within Canada’s gates he will realize how truly all who have the power to see and enjoy are co-owners of beauty wherever it be found. He will
CALGARY, ALTA., TO GOLDEN, B.C.

Mileage and Points of Interest

FIRST SECTION—CALGARY TO BANFF (85 miles)

Mile 0. Calgary: enterprising city, site of foothills, population about 65,000. Gateway to the Rockies.

Mile 23. Cochrane: centre of extensive horse ranching country. First full view of Rockies obtained just before reaching the town.

Mile 43. Morley Indian Reserve: home of the Stoney tribe of Indians. Church and school about one mile from road.

Mile 50. Bow Fort: mile away is site of an old Hudson's Bay post established about 1802.

Mile 52. Calgary Power Company's Plants: Diversion of one mile will afford view of large storage dam and fall. A characteristic "Dude Ranch" is also found on the banks of the river.

Mile 60. Exshaw: Road passes through small town of Exshaw, site of large cement deposits. Fine views as road winds up hill beyond.

Mile 65. The Gap: Nearing the Gap several fine peaks are seen. Pigeon mountain (7,855 feet) to left, with Wind mountain (10,190 feet) just beyond, and Grotto mountain to right.

Mile 69. Three Sisters: Fine view across the river of the celebrated trio of peaks known as the Three Sisters.

Mile 70. Canmore: Cross road leads to small mining town of Canmore, one-quarter mile to south.

Mile 77. East Boundary of the Park is crossed. The official gateway and registration offices situated a short distance ahead.

Mile 79. Hoodoos: Approaching this point interesting groups of "hoodoos"—pillars left by erosion—may be seen along river bank. The many-peaked mountain to south is Mount Rundle.

Mile 82. Anthracite Hill: Road climbs Anthracite Hill affording magnificent views in all directions.

Mile 84. Animal Enclosure: To right, enclosure containing herd of buffalo, elk, and other interesting animals.

Mile 85. Banff: Headquarters of Park. Government townsite. Contains several hotels, garages, hospital, bank, etc. Motor campsite on Tunnel mountain one mile northeast of town, completely equipped with water, electric lights, camp kitchen, and other conveniences.

Camping permits may be obtained from camp caretaker or at park office.

Information Office, on Banff avenue near Bow bridge, where full particulars may be obtained as to the many points of interest in Banff.

SECOND SECTION—BANFF TO CASTLE (19-9 miles)

Mile 0. Banff: Leaving Banff the route follows Banff avenue to Cariboo street, turns to left for one block, then follows Lynx street to railway station, crosses track and turns west along Bow valley.
Mile 1. VERMILION LAKES. The road passes the picturesque expansion of Bow river known as Vermilion lakes, noted for their beautiful scenery.

Mile 3. CASCADE MOUNTAIN is visible to the north, Stoney Squaw at its feet and mount Norquay to left. On sidehills to right, band of wild mountain sheep often seen.

Mile 4. MOUNT EDITH. Brief glimpse to north of graceful summit between mount Norquay and Hole-in-the-wall mountain.

Mile 7. PILOT MOUNTAIN now becomes the dominating feature ahead. Mount Bourgeau is seen to left.

Mile 8. HOLE-IN-THE-WALL MOUNTAIN to right—so called from strange aperture cut into rock about 1,500 feet up.

Mile 10. CASTLE MOUNTAIN again visible ahead, each moment growing more impressive.

Mile 12. WARDEN'S CABIN with telephone.

Mile 13. AEROPLANE LANDING SITE to right. Road begins to climb, affording thrilling glimpse of snow-capped mount Balfour to south.

Mile 16. JOHNSTON CANYON, reached by trail about one-half mile from road. Extremely interesting gorge with walls in places over 100 feet high and less than 20 feet apart. Tea room and free Government campsites.


Mile 19-9. CASTLE FORKS. Banff-Windermere highway branches off to Vermillion pass and Kootenay National Park. Lake Louise road continues to west.

THIRD SECTION—CASTLE TO LAKE LOUISE (22 miles)
(Mileage continued from Banff)

Mile 23. OLD INTERMENT CAMP. Site of camp used during war for incarceration of foreign prisoners.

Mile 33. MOUNT TEMPLE. Splendid view across river of mount Temple, one of the loftiest peaks of the region. Brief glimpse of snow-covered summits of mounts Victoria and Lefroy at Lake Louise and of sharp summits of Valley of Ten Peaks.

Mile 38-2. LAKE LOUISE STATION. Road crosses C.P.R. main line and in less than 2 miles reaches Lake Louise station and begins a 3-mile climb up the mountain side to the lake. About a mile and a half up is found a Government campsites. At mile 40-6 the Kicking Horse trail swings off to the right. At the lake several tea-rooms and small chalets as well as the fine "Chateau Lake Louise" provide accommodation.

Mile 41-1. LAKE LOUISE.

THE KICKING HORSE TRAIL

LAKE LOUISE TO FIELD (16 miles)

Mile 0. LAKE LOUISE. Leaving the Lake Louise road about 300 yards from the lake, the Kicking Horse trail swings to the right along the slopes of mount St. Piran with fine views of the Bow valley, mount Hector and Waputik range to the north.

Forty-two

Mile 4. EAST PORTAL OF PASS. Road leaves green timber and soon swings to right, reaching spectacular viewpoint at eastern gateway to Kicking Horse pass. To right is Bath creek with Bath glacier due west of Waputik peak. Directly northwest is mount Daly. In valley below one-half mile west is the Great Divide. Beyond lie Summit and Sink lakes and upper reaches of Kicking Horse valley with Cathedral mountain and Vanguard peak to south. Mount Ogden to north.

Mile 4-5. GREAT DIVIDE. Here stream from north divides, one-half flowing east by way of Bow river to Hudson bay and the Atlantic, the other by the Kicking Horse and Columbia to the Pacific. A monument placed in the angle formed by the dividing waters commemorates the exploration work of Sir James Hector, the discoverer of the pass.

SUMMIT AND SINK LAKES—the latter so called because it has no surface outlet. Road winds among knolls and hills carved and rounded by receding glaciers.

Mile 7-5. HECTOR. A small station on railway. Road crosses to north side of railway skipping Wapta lake. C.P.R. Bungalow camp on shore of lake. Flowing out of western end of lake is seen the small stream which forms the headwaters of Kicking Horse river. Trail to lake O'Hara visible up Cataract valley between mounts Victoria and Cathedral.

Mile 8. SHERBROOKE CREEK. Outlet for Sherbrooke lake and tributary of Kicking Horse river.

OLD RIGHT OF WAY. At foot of Wapta lake road begins to utilize the original railway grade down west slope, abandoned when the famous spiral tunnels were completed in 1910, and enters upon one of the most spectacular sections of the highway. The river rushes through a deep gorge and the descent becomes noticeably rapid. From tea-house fine panorama is afforded of Kicking Horse valley, with great loops by which railway climbs to Divide. Passing mount Ogden beautiful Yoho valley opening to north comes into view. Mounts Field, Whiptail and Burgess rise to the northwest. Town of Field visible in valley. Cathedral mountain towering to left. Mount Stephen almost dead ahead. At Yoho station remains is visible of great rock slide of 1925 which buried the station-house and carried away portion of track. Owing to heroism of brakeman Partridge on eastbound train who warned the occupants of station, no lives were lost.

Mile 12. KICKING HORSE VALLEY. Road leaves old grade and reaches valley by two easy switchbacks.

Mile 13. GOVERNMENT MOTOR TOURIST CAMP and junction with Yoho valley road. Kicking Horse trail continues along north side of valley floor to Field.

Mile 16. FIELD, B.C.

EXTENSIONS FROM FIELD

Mile 1. YOHO VALLEY AND TAKAKAW FALLS (11 miles). Road follows Kicking Horse trail three miles to east then turns to left up Yoho valley. Ogden range to right, mount Field to left. Yoho river rushing to meet Kicking Horse.
Mile 8. **Switchback.** Road leaves floor of valley and climbs switchback which affords splendid views.

Mile 11. **Takakkaw Falls,** fed by Daly glacier. Three thousand five hundred feet from source of water to foot of valley. C.P.R. Bungalow camp at foot of falls. Ponies and guides may be obtained here for trip past Laughing and Twin falls to Yoho ice-field at head of valley.

**FIELD TO EMERALD LAKE (7 miles).** Charming drive through deep woods to beautiful Emerald lake, one of the most famous in Rockies. Attractive chalet hotel under C.P.R. management at lake.

**FIELD TO GOLDEN (38 miles)**

Mile 3. **Natural Bridge.** From Field road turns west following north side of Kicking Horse to Natural Bridge—rocky causeway underneath which river forces its way, passing into lower canyon, fine gorge about 100 feet deep.

Mile 4. **Emerald Creek and Amiskw River.** Kicking Horse joined within few hundred yards of each other by two tributaries. Amiskw valley is route to the historic Hwose pass.

Mile 7-5. **Ottertail River.** Another tributary is crossed. Road runs through grassy flats and green woods, then crosses railway and climbs side of hill again, using old grade.

From crest of hill fine view looking to east. Main valley seen forming wide amphitheatre with four tributary valleys—Emerald creek, Amiskw and Otterhead from north, Ottertail from southeast, converging upon it. To southwest glimpse of Fourteen Gooden, one of the finest peaks in park.

Mile 16. Road again crosses to north side of little station of Leanchoil.

Mile 18. **Wapta Falls.** Two and one half miles in from Kicking Horse trail. Kicking Horse river plunges over forty-foot drop. Huge rock, thirty feet high, at bottom of falls acts as buffer to cascading water and clouds of spray envelop rock continually. Wonderful sight in sun. Spray condensing runs in curtain of water down sides of rock, thus forming perpetual fountain.

Mile 18-5. **Leanchoil.** From Leanchoil a trail leads up the Beaverfoot valley past the mouth of Ice River valley—a region of great scenic and geological interest—to Kootenay crossing on the Banff-Windermere highway, thirty-two miles to south.

Mile 21. **West Boundary of Yoho Park.** Leaving the river bottom the highway follows the wooded sidehills on the slopes of Mount Hunter, passing the west boundary of Yoho Park. From this point the road is under the supervision of the Province of British Columbia.

Mile 25. **Palliser**—a small station on line. Here road, river and railway enter the great gorge of the Kicking Horse river which extends from this point to about one mile east of Golden. The valley floor is now dropping deeper and although the road practically maintains its level it is soon high above the river. At mile 26 it reaches its highest elevation, about 600 feet.

Mile 28. **Glenogle**—a small station on C.P.R. Cable bridge leading to one of the highway construction camps is seen crossing the river.

Mile 30. Road forced to north side of valley where it again climbs to a considerable height. The panorama in all directions is exceptionally fine. The snow-capped Selkirks are visible ahead showing through the great gap by which the river emerges from the Rockies. Soon, lying in the green Columbia valley is seen the town of Golden at the junction of the two rivers.

Mile 37. Road begins its final descent reaching Golden in another mile.

Mile 38. Golden. In old mining days one of the busiest and wealthiest towns of West, now centre of active lumbering trade. End of Kicking Horse trail.

**COLUMBIA RIVER ROAD**

**GOLDEN TO FIRLANDS (67 miles)**

Leaving Golden the road turns to the south following the east side of the Columbia river. Passing through a few small towns and hamlets in 67 miles it reaches Firlands at the western end of the Banff-Windermere highway. From this point return may be made to Banff and the east or the Columbia Valley road may be followed to Invermere, Windermere, Fernie and Kingsgate where connection is made with roads leading to the Pacific Coast.

**MOTORIST ACCOMMODATION ON MOUNTAIN HIGHWAYS**

**CALGARY TO BANFF**

- **Cochrane.** Alberta Hotel (24 rooms). Two garages.
- **Seebire.** Brewhers "Dude Ranch."
- **Bow Fort.** Refreshment stand. Motor campsite. Filling station.
- **Canmore.** Canmore Hotel (50 rooms). Y.M.C.A. (40 rooms). Filling station.
- **Banff.** Hotels—Banff Springs (C.P.R.) (600 rooms), King Edward (95 rooms), Mount Royal (64 rooms), Breton Hall (100 rooms), Homestead (35 rooms), Kicking Horse (50 rooms),同时Hot Springs (12 rooms), Banff Villa (23 rooms), Grandview Villa (40 rooms), Brett Hospital (60 rooms), Y.M.C.A. (47 rooms).
- A number of private rooms and boarding houses.

**BANFF TO LAKE LOUISE**

- **Johnston Canyon.** "Johnston Canyon Bungalow Camp."
- **Castle.** Government Motor Campsite.
- **Moraine Lake.** "Moraine Lake Bungalow Camp."
- **Lake Louise.** Mountain Inn (10 rooms). Filling station.
- **Lake Louise.** Chateau Lake Louise (C.P.R.) (386 rooms), Y.W.C.A. (30 rooms), Deer Lodge (15 rooms), Inglenook (4 rooms), Triangle Inn (9 rooms). "Government Motor Camp." Filling stations.
LAKE LOUISE TO GOLDEN

Lake Wapta Field.


Takakkaw Falls.

“Yoho Bungalow Camp” (eleven miles from Field, up Yoho valley).

Golden.


GOLDEN TO FIRLANDS

Parson.

Filling station.

Spillimicheen.

Filling station.

28 Mile Post.

McKeenan’s; meals.

Brisco.

Filling station.

Edgewater.

Filling station.

Firlands.

Road House, meals.

Windermere.

Hotels—Windermere (30 rooms), White House (10 rooms). Golf Course. Three filling stations.

Invermere.


FIRLANDS TO CASTLE (Banff-Windermere Highway)

Sinclair Hot Springs.


Sinclair Summit.

Government Motor Campsite.

McLeod Meadows.

Government Motor Campsite.

Kootenay Crossing.

Government Motor Campsite.

Vermilion Crossing.


Hawk Creek.

Government Motor Campsite.

Black’s Camp.

Government Motor Campsite.

Marble Canyon.

“Marble Canyon Bungalow Camp.” Government Motor Campsite

Vermilion Summit.


Forty-six

CAMPING

A fee of Two Dollars ($2.00) is charged incoming motorists for a seasonal licence. This licence entitles the holder to thirty days free camping at any of the recognized campsites within Yoho, Kootenay and Banff National Parks. Additional information regarding camping may be obtained from camp caretaker or at park headquarters.