Hydraulically operated loading aprons recently installed on the Castlegar Ferry. The apron on the right is in travelling position and the one on the left in the loading position. The aprons are controlled from the wheelhouse and this allows operation of the ferry by one man during slack periods. The Rossland District bridge crew installed the steelwork and the Dock Design Branch designed it and supervised the work. The hydraulic system was put in by a private contractor.

Cornie Nickel, right, Fort St. John District Sign Maintenance Man, shows off his new hydraulically operated post-hole auger with the aid of Delbert Alexander. Cornie came to the district from Coatts, Alberta, where he was a grain elevator agent. His spare time is devoted to his family, moose hunting, fishing, and coin collecting.

Striping machine designed and built by A. D. Stevens, Assistant Sign Painter 2, Cloverdale Centreline Marking Branch. He is shown operating the unit used primarily for parking-lots. Paint is supplied from a separate spray unit. The control handle and cable on the machine were once part of a motor-cycle owned by Art.

Frank Hawley and Lawrence Kneller, Labourers with the Westbank Crew in the Kelowna District, with two deer killed on Highway 97, and large warning sign suggesting lower night speed because of numerous deer crossing the highway in the area.
It is a standard joke in most cities that one of the first signs of summer is the arrival of the chattering jack hammer—to tear up the streets. We aren’t much different. Our busy season is well under way at the same time as the annual tourist migration and this is already shaping up as one of our busiest. As we have said before, you can’t build roads without making a little dust but let’s do our best to make things for our motoring visitors. There were nearly 7,000,000 of them last year. If we have to occasionally delay the traveller (and we include our own British Columbia vacationer, of course), detour him, shake him up, and dirty his car a little, let’s at least offer him help, guidance, and a smile and see that he gets through without too much trouble. Tourists spent an estimated $470 million in British Columbia in 1970 but as hosts we should extend this courtesy even if we didn’t owe it.

W. D. BLACK, Minister.

T. E. Downe, Bridge Tender, at lift-span control of the Okanagan Lake Bridge at Kelowna. Electronic controls raise and lower the 600-ton span to allow passage of lake traffic.
**PROMOTIONS**

**Road Maintenance Foreman E. L. Nieminen** has been transferred from Sicamous to the Williams Lake District. The following men have been transferred to the Williams Lake shop: R. R. Cole, from Merritt; V. H. DeBord, from Kamloops; D. K. McPherson, from McBride; and A. D. Ward, from Prince George.

**Keith McIntyre** recently won through competition the position of Office Manager Trainee in the Kamloops District. He started with the Department in May 1969, as Stockman 3, in Cloverdale. Keith is married and camping and fishing are his main outside interests.

**10-7 CLUB**

**Thomas Watson** retired on March 31, 1971 after serving with the Lillooet bridge crew for 24 years. He was a Bridgeman 3 at the time of his retirement. A gathering was held in Lillooet for Tommy and his wife and family. During World War II he served overseas with the Canadian Forestry Corps and saw action on the continent. Over the years he has developed a ranch, 20 miles south of Lillooet, and will spend his retirement there.

**Mr. Adam Groset**, Machine Operator at Bridge Lake, Williams Lake District, retired April 30, 1971 after 18 years' service with the Department. A farewell party was held for Mr. Groset, with many of his friends and coworkers in attendance.

**WEDDINGS**

**Harold H. McEachern** and **Evelyn (Tammy) G. Rattray** were married at Cassiar on April 10, 1971. Tammy was previously a student at Fort St. John and Harold is an Engineering Aide in the District office. The couple will make their home at Fort St. John or Good Hope Lake, if and when his job takes him there.
"EXTRACURRICULAR" ACTIVITIES

The Region 4 Annual Bonspiel was again held in the Burns Lake Curling Rink on the week-end of March 20 with 26 rinks participating. All nine districts and the Regional office were represented.

The "A" event and the Regional Trophy were won by the curling rink from Fort St. John, above, with Bob Saul, bonspiel organizer, left, presenting the trophy to Denis Culling, skip. Others are, left to right, Bob Johnson, third, Ken Brookbank, second, and Lawrence Harding, lead.

District Engineer R. W. Gittins was given a dinner on Friday, April 2, 1971 by New Westminster District, to mark his transfer to North Vancouver. Some 75 friends attended, and Ron Winbow, District Technician, was MC. Various presentations were made by District personnel.

Friends of Vic Drew and Buster Underwood gathered together at the Starlight Room, in New Westminster, on April 23, to wish them farewell and good luck in their new positions.

Buster has moved to Penticton, where he will take over as District Superintendent, and Vic will be moving to Victoria where he takes over the office of Assistant Chief Property Negotiator. He was Regional Property Negotiator at North Vancouver.

Reg J. Martin, Road Maintenance Foreman 1, Kelowna, with the 17-pound Kamloops (Rainbow) trout he caught in Okanagan Lake.

Frank Fairclough, left, and Walter Walls, with gifts presented by their Foremen on behalf of the Fernie and Jaffray highway crews. Frank was transferred to North Vancouver as a Truck Operator and Walter was promoted to Road Maintenance Foreman 2, and transferred to Rossland.

Kenneth R. Wilkins, Property Negotiator for the East Kootenays. A ski enthusiast who transferred to Cranbrook, Ken broke his leg on February 27, 1971 while skiing on Red Mountain near Rossland.

Reg J. Martin was given a dinner on Friday, April 2, 1971 by New Westminster District, to mark his transfer to North Vancouver. Some 75 friends attended, and Ron Winbow, District Technician, was MC. Various presentations were made by District personnel.

Members of the District and Regional staff, in Kamloops, held a mini bonspiel with mixed curling and a social evening in February. Winner of the bonspiel was a rink skipped by Dan Howe, Regional Stockman, center. Frank Malone of the Regional bridge painting crew as third, right, and John Clark, Auto Mechanic as second.
ABOUT PEOPLE . . .

NORMAN G. DICKIE, Draughtsman 4, Bridge Design Branch, where he has worked since he joined the Department in October 1960. Born in Nansiano, Norm completed his high school education in Victoria, and joined Yarrows Limited as an apprentice draughtsman. On completion of his apprenticeship in 1956, he moved to San Francisco, California, where he was employed with Bethlehem Steel Fabricators. Norm's hobbies are sports and gardening, he coaches juvenile lacrosse and a soccer team. He is married and has four children.

ROY HUBBS, Patrolman, joined the patrol in May 1959. He has worked at all major bridges and ferry terminals and is presently doing stores and clerical work at the Second Narrows Bridge patrol office. Roy was born and educated in Saskatchewan. After service with the Saskatoon City Police, he moved to British Columbia and was employed with the B.C. Electric Company. Roy is married with two sons and five grandchildren. His main outside interest is curling.

ARTHUR PICKERING, Patrolman, joined the patrol in 1963 after being employed by the First Narrows Bridge Company, later to become the British Columbia Toll Authority. Arthur served with the Canadian Army overseas during World War II and was active in the militia for 10 years. His hobbies are golf, fishing, and various other sports. Arthur is married and has five children, some of whom are very active in track and field.

GEORGE L. (BROOKY) BROOKBANE, Truck Driver in the Prince George District, has worked with the Department since 1954. George is well-known for his rich sense of humour and his good relationship with fellow employees. In his spare time Brooky is, above all things, a fisherman.

DOUG RUTHERFORD started with the Department in April 1967, and works with the pavement-marking crews of the Centreline Marking Branch at Cloverdale. Doug enjoys rebuilding older cars and growing beards.

E. T. PARKER, Truck Driver, Prince George District, has been employed with the Department since April 1969. Recently married, he transferred to Prince George in February this year.

RALPH CUMBERLAND, Machine Operator 9, has been with the Department for 15 years. He is the Acting Foreman at Fort St. James.

JOHN ZIELKE, Machine Operator 9 in the Vanderhoof District. John has been with the Department since 1947. As well as operating equipment, he has worked as a construction foreman in the summer months, and he is presently working toward a B certificate in industrial first aid.

DAVE YOUNG, a draughtsman with the electrical section of the Headquarters Traffic Branch for the past two years, recently transferred to the Pavement Branch, where he will take up field duties.

Ralph Cumberland, Machine Operator 9, has been with the Department for 15 years. He is the Acting Foreman at Fort St. James.

ED GROVES is a Grader Operator in one of the outlying areas of Fort St. John District. He is a long way from water in his Prespatou home, but this has not stopped him from pursuing his hobby of boating.

J. B. DOUGLAS Hecker, Engineering Assistant, Prince George District, has been transferred to Pouce Coupe District. His co-workers wish Doug every success in his new location.

SHIRLEY HRECKA, Clerk Stenographer 3, Prince George, has been employed by the Department since June 1963. She handles all public requests and complaints, and is a very energetic Field Editor for the "RR."
L. A. (Len) Klassen, Regional Stockman, Prince George District, has worked for three years in Prince George, and prior to this in Prince Rupert and Allison Pass. Len is married and has two daughters. He is active in church work, enjoys swimming and playing hockey.

Edna K. Roth, Timekeeper, Prince George District, has been employed since December 1970, but previously worked for the Department in Prince George for three years as Voucher Clerk. She is married with a daughter and is interested in cooking and enjoys all housework.

R. C. (Bob) Brown, Engineering Assistant 2, is "anchor man" in the Construction Branch field office for Project 2043, Pat Bay Highway. Bob, from the Fraser Valley, was educated at Aldergrove, Abbotsford, and Simon Fraser University. He started on survey work as a student and has been in the Construction Branch on steady basis since 1966. Langley is married and has two daughters. His hobbies are golfing, prospecting, and hiking.

W. G. McDougall, Road Foreman 1, Bear Lake, Prince George District, has worked for the Department for 15 years. Before transferring to Bear Lake in May 1970, George worked for the Nelson District. He is married and has two daughters. His hobbies are hunting, fishing, and working with young people. Since moving to Bear Lake he has organized an active youth group.

R. E. (Bob) Johnson, Mechanical Foreman, Prince George District, is married with two boys. He has worked for the Department for 12 years at Pouce Coupe, Prince Rupert, Cassiar, and McBride. His hobbies are electronics and music.

Bill Bos, Technician, Courtenay District, has been transferred from the Port Hardy area to the Nanaimo District, where he will take over the supervision of various construction jobs in the Nanaimo area.

E. J. (Wayne) Newman, Engineering Aide, is now on Construction Branch Project 2237, Cowichan Lake Road. Wayne was born in Alberta, trained Vancouver for 10 years and then moved to Castlegar to complete his education. Wayne started with the Construction Branch in 1959 and his duty tours have taken in Blueberry-Paulson, Salmo-Creston, Fraser Canyon, Campbell River, and Gold River. Wayne is married with a son and daughter. Hobbies are tropical fish, candle making, softball, and bowling.

Ron Horswell, Yardman, is well remembered by Department traveller over the John Hart Highway as the man who greets you at the Chetwynd yard. He can usually be found at his desk, near the radio, or the welding machine and files.

Arlene Dyson, Clerk 3, joined the Rossland District staff in February. She is married and has two boys and three girls. In her spare time, Arlene enjoys sewing, curling, and golfing. In her spare time?

Barbara Kochan is a new Clerk Typist in the Regional office at Kamloops. She came to Kamloops from Nelson a year and a half ago and enjoys living in the Kamloops area. Her hobbies are curling, softball, and camping.

Betty Manuel, Clerk 3, transferred to Prince Rupert District as a Typist earlier this year. Betty is married with two girls. Her hobbies are gardening and music.

Bob is married. Golfing and prospecting are his hobbies.

Dennis Bretcher, Engineering Aide, Prince George District. Dennis was employed by Prince Rupert District prior to transferring to Prince George in April. His hobbies are diving, photography, hiking, camping, fishing and he is single.

The recent resignation of the District Engineer in Penticton has resulted in some moves for Department personnel: H. M. Underwood, District Superintendent, has transferred from North Vancouver to Penticton; R. W. Gettings, District Engineer in New Westminster, has moved to the North Vancouver District office; and R. A. L'Herivel, formerly with the Department, is the District Engineer in New Westminster.

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OBITUARIES

Philip E. Bishop, P.Eng., Regional Construction Engineer for the Department in Prince George, died suddenly May 9, 1971. He is survived by his wife, Norma, sons John and Michael, daughter Judy, and a daughter-in-law, Janette.

Born in Provost, Alberta on August 9, 1921, Mr. Bishop moved to Victoria at an early age where he had his secondary schooling and was active in sports. Following service with the RCAF in World War II, he joined the Construction Branch of the Department and worked on the construction of the Hope-Princeton Highway.

Around 1948, he was transferred to Smithers as Resident Engineer and later moved to Burns Lake as District Superintendent. He was then District Engineer at Penticton from 1939 to 1967, when he moved to Prince George and took on the responsibilities of Regional Construction Engineer. In this capacity, he was in charge of the construction of the Yellowhead Highway east to McBride and west between Cedarvale and Prince Rupert. He was also in charge of construction on the Stewart-Cassiar Highway.

Ronald Floyd Forty died April 4 at the age of 35, leaving his wife and four children. He commenced with the Department of Highways in December 1953 as a laborer at Cherryville. In 1954 he transferred to Lumbry as a Truck Driver and later was promoted to Grader Operator, the position he held at the time of his death.

Priceless photographic record of early British Columbia transportation, more daily scenes of Cariboo Highway, all taken, like the cover picture, in 1868. Above, 17-mile bluff showing trestle construction employed by Royal Engineers, a method still in use as late as the early 1950’s and, below, China Bar bluffs, view similar to cover photo. Top centre, section 22 miles above Yale and, bottom centre, famous scene of Boston Bar. (Note blurred flag which moved during long film exposure.) Top right, section of Jackass Mountain showing log and rock cribbing and, bottom right, the Great Bluff, some 88 miles above Yale on the Thompson River.
PEEK INTO THE PAST

The profile of the hills is ageless but in 65 years the face of the land is changed by the works of man. Left, the “Barlee stretch” of Highway 97 east of Kelowna in 1906, and the same view today. Black Mountain is in the background.

New 1930 “Diamond T” truck at start of reconstruction improvements on Route 1, Old Yale Road between Utter Road and Coghill Road in the Township of Langley. In the spring of 1930, Driver Stan Deans went to the Vancouver dealer to take delivery of the vehicle. Members of the crew, left to right, were Ted Elliott (deceased), Victor Langree, next two unknown, Bert Emergy, Fred Sims (then Paving Foreman), Jim Monaghan (deceased), Foreman Bob McLaren (deceased), and Stan Deans.

Two unidentified gentlemen clearing snow from the Zimacord Bridge in the Terrace District in January 1947 seem to have quite a task ahead of them. The bridge is 571 feet long and 16 feet wide. Same bridge is now cleared by grader and speed plows.
Machine is working on Highway 16 west of Prince George at Isle Pierre Junction in 1942. On the job then were George Dyer, Art Allen, Charlie Brose, and Charlie Bird (Sr.), whose son Charlie is employed in the Prince George District of the Department today.

Not too far in the past, this 1947 photo shows equipment and crews on one of the completed parts of the Hope–Princeton Highway. The man marked (1) is F. M. Emerson, now Road Foreman for the Oliver-Osoyoos area, Penticton District. Number (2) man is G. M. Kirkpatrick, former Keremeos area foreman, Penticton District, who retired last October.

Elegant motoring around 1910 in the Victoria area. This picture was taken on what was termed the "Mill Bay Road," actually a part of the Malahat drive above Saturni Island. The make of car is not known (Packard? Reo?) nor are the identities of the driver and passengers. The road was a little narrow in those days but what was there to pass?
ON THE JOB ...

During the week-end of April 17 the Wright Creek Road north of Prince George washed out, left, from heavy snow-melt run-off. Right, crew working to restore road.

Important operation prior to breakup. Prince George District crew is thawing out culverts, left to right, Dan McMillan, Evin Thiesen, and Dave Craig.

Two Golden road crew at work clearing ditches on the Yoho section of the Trans-Canada Highway.

John Miles, Lowbed Operator at Golden, assisting the Cranbrook bridge crew to move the concrete powder magazine to new site in Cranbrook in February.

The Fort St. John crews took advantage of frozen ground this winter to construct portions of Highway 103 (Fort St. John to Alberta Boundary), which previously detoured on sections of wet ground. Four to five feet of clay soil, obtained from borrow pits, was placed on the frozen, swampy soil. The grade was shaped with 3:1 embankment slopes and a .075 per cent crown. Later this summer, after the grade stabilizes, it will be reshaped and gravelled.

The Vanderhoof shop crew, left to right, Alec Moser, Stockman; John Smith, Mechanic Foreman 2; Wally Mitchell, Mechanic 2; Jim Palmer, Mechanic 1; Elden Philpott, Mechanic 1; Alec MacDonald, Mechanic 2; and Dave Reddecopp, Mechanic 1.
ON THE JOB . . .

The Cassidy crew, Nanaimo District, have completed two picnic areas on the Trans-Canada Highway. Lynn Sabey, Machine Operator, left, and George Blair, Machine Operator are shown placing a garbage gobbler at a picnic-spot near Ladysmith.

Russ Galloway, Road Maintenance Foreman, Nanaimo, and some of his crew have been installing no-post guard rail at bridge approaches in the Nanaimo and Duncan areas. Russ is shown at the Haastan Creek Bridge which has just been brought up to highway standard.

Grader Operators, Romeo Delaurier, left, and Bill Tolkamp, are very proud of the Prince George District’s new Grader L-575 received this spring.

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Taking a “picture break” are employees at the Honeymoon Creek maintenance camp on the John Hart-Peace River Highway in Prince George District. They are, left to right, top picture, John Weighill, Truck Driver; Ferdinand Martel, Truck Driver, and Don Boyland, Grader Operator. Bottom, left to right, Nick Prew, Grader Operator; Rod Capolando, Mechanic; Alonzo Judson, Foreman, and Russel Cochrane, Grader Operator.

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Prince George District truck drivers, left to right, Lyle McKay, R. L. (Bob) Stephenson, Ernest Assaillon, and John Hrechka.

Prince George District bridge crew replacing deck on old Nechako Bridge, left to right, Dave Rowan and Pat Fay.
SAFETY AWARDS, RALLIES, INFORMATION

Don Martin, Senior Maintenance Engineer, presented the Salmon Arm District Foremen with the D. R. "Roy" McLeod Memorial Award for Safety in Region 2 at a recent safety banquet held in Salmon Arm. Mr. Martin also extended his congratulations to the District for their fine safety record. Back row, left to right: Bob Cochran, Bridge Foreman; Harold Downer, Celista Road Foreman; Earl Martinson, Sicamous Road Foreman; Murray Ramsay, District Technician. Front row, left to right: Roy Sweeten, Construction Foreman; Ray Meeks, Chase Road Foreman; Harry Genschorek, Mechanic Foreman; and Cam Wilson, Falkland Road Foreman. Missing is George Kovalcik, Salmon Arm Road Foreman.

Annual safety award for Region 4 was presented to Terrace Highway Safety Committee Chairman Barney Fairclough by Allan Park, Senior Training and Safety Officer. A banquet and dance was held April 2 with District, Regional, and Victoria officials present.

Senior Maintenance Engineer D. F. Martin, left, presents the Region 3 safety award to Senior Road Foreman, F. Praill, Chairman of the Safety Committee, who accepted the award on behalf of the Revelstoke District crews. S. N. A. McLeod introduced the head table guests and the featured speakers. Mr. Martin congratulated the District on their achievement on behalf of the Honourable the Minister who was unable to attend.

Brandishing after-dinner cigar, Nelson Regional Maintenance Engineer P. B. MacCarthy holds forth at the Revelstoke District safety award dinner. Members of the group are, left to right, S. N. A. McLeod, District Superintendent, Revelstoke; G. Thomas, Camp Cook, 50 Mile, Mica Access; A. F. Park, Senior Training and Safety Officer. Mr. MacCarthy and A. J. Bodnarshak, Regional Landscape Supervisor and Regional Safety Officer. Mr. Thomas baked a special cake for the banquet, modelled in the shape of the Revelstoke Courthouse.
Prince Rupert garage crew at Prince Rupert receiving their bronze-on-gold award from W. R. Ball, District Superintendent (wearing hard hat). Members of the crew are, left to right, Pete Chapman, Donald Oe, W. C. Sweeney, Kim Mue, and John Edwards.

Prince Rupert District road crew at Port Clements receiving their silver safety award from W. R. Ball, District Superintendent. Left to right, Roy Collier, Louis Widen, Jim Onion, Mr. Ball, and Dave Rennie.

Murray Ramsay, District Technician and Safety Officer, center, is shown accepting a senior Regional award on behalf of all the employees of the Salmon Arm Highway District. This award is presented annually to the District in Region 2 with the most improved accident frequency record. Seen with Murray are: Roy White, Regional Highway Engineer, left, who made the presentation, and Steve Swartke, Salmon Arm District Superintendent.

REALLY SUCKED DRY

This 55-gallon drum suddenly collapsed when an employee of Turf-Joint Corp., Hillsboro, was pumping oil out of it with a hand-pump.

The drum also jumped several feet in the air and landed on the employee's foot, breaking some bones.

The preventive measure suggested by Fred Moreno, safety engineer for Argonaut Insurance Company, was to loosen a bung or use some other method of ventilation if a nonventing pump is used.

The Creston shop, Nelson District, have received the Art Irving Memorial Trophy for the fifth consecutive year. This trophy is awarded annually to the shop crew in Region 3 with the best safety record. The Creston crew has had only one medical-aid injury in the past four years. H. O. George, Regional Mechanical Superintendent, awarded the trophy to E. Kline, Shop Foreman at Creston.

Prince Rupert District garage crew at Stewart receiving their bronze-on-gold safety award from P. J. Carr, Regional Maintenance Engineer. They are, left to right, E. J. Robinson, Mr. Carr, Robert Warland, and Bill Ogilvie.