Traffic Branch Starts Countdown on Annual Vehicle Tally

Each May three enumerators leave the Traffic Branch headquarters in Victoria to spend four months on the road collecting traffic-count data. Following predetermined routes, and working to schedules, the traffic enumerators operate as independent one-man crews. They use pneumatic road tube vehicle detectors and automatic recording counters and are able to obtain traffic-volume data for about 20 count stations per week. Before returning to Victoria in September, the enumerators will have collected traffic-volume samples at more than 700 locations throughout the Province.

A count station is set out by stretching a road tube tightly across the traffic lanes. One end of the tube is connected to the counter. As a vehicle passes over the tube, an impulse (one for each axle or set of wheels) is transmitted to the counter. The counter records one-half vehicle for each impulse it receives. Thus, a normal car with two axles will be counted as one vehicle. Every 15 minutes the counter automatically records the volume of traffic detected in the previous 15-minute period by stamping or punching the appropriate time and volume onto a paper tape. Completed tapes are removed from the machines at the end of each count and are mailed to Headquarters for processing and filing.

Many hours of machine counts are lost each year because of broken road tubes. Some failures are due to vandalism and others to accidental destruction of road tubes by mechanical brooms or similar equipment. In any event, these must be repaired. The enumerators would appreciate being notified as soon as possible if a broken road tube is noticed by anyone in the Department. They may be contacted directly by radio or by leaving a message at the nearest district office.

Enumerator John Jordan gives one of his "AIR" counters a final check before leaving headquarters. This summer John will be counting traffic in the Kootenays and Northern British Columbia.

Advisory Speed Signs Result of Thorough Curve-testing

Not many people know that the Department employs an official curve-tester in order to set those advisory speed signs. He is Harold Hoodless, Engineering Aide 3 with the Traffic Branch, who has had the unusual job for the past two years. Under the direction of J. H. Harding, Senior Traffic Engineer, Harold has logged over 30,000 miles while checking horizontal curves on major highways to determine the maximum safe or advisory speed at which each curve should be driven.

The advisory speed is determined by driving the test-vehicle through each curve, on a path concentric with the centre line, at various constant speeds up to the legal speed limit, while measuring how much the vehicle leans toward the outside of the curve. The amount of lean is measured with a ball bank-indicator or inclinometer mounted on the dashboard of the test-vehicle. Each curve is run several times in both directions until the maximum safe speed has been determined. Test results are turned over to district officials who arrange for adjustments in "curve signing."

Harold stands beside a curve-sign assembly on the Trans-Canada Highway near Victoria.

Seated in the test-vehicle, Harold demonstrates the technique used in testing curves. A ball bank-indicator is mounted on the dash and a survey speedometer can be seen just below on the left. It requires skill to keep an eye on the ball bank-indicator, survey speedometer/odometer, and the roadway while maintaining speed and staying a constant distance from the centre line.
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Ray Baines, Executive Editor
Arthur J. Schindel, Editor

THE ROAD RUNNER

Volume 7
June, 1970
Number 2

Associate Field Editors

A. R. Lirmacher ........................................ Victoria
Bill Ingram ............................................. Victoria
Al Walisser ............................................ Bridge District
Jim Winton ............................................. North Vancouver
S. J. Tognela ........................................... Burnside
J. W. Morris ........................................... Nanaimo
M. Butler ............................................... Courtenay
David Price ........................................... British Columbia Ferries Division
George Cooper ....................................... Patrol, North Vancouver
Ellis Meads ........................................... Dock District
Lloyd Burgess ......................................... New Westminster
Don Osborne .......................................... Chilliwack
Jim Ferrier ........................................... Kamloops
Edie Smith ............................................. Williams Lake
Murray Ramsay ....................................... Salmon Arm
M. J. Newlands ....................................... Revelstoke
Al Dasimone .......................................... Vernon
Fred Evans ............................................ Kelowna
J. W. Zaporozan ..................................... Penticton
Jim Chenoweth ....................................... Merritt
Dave Roberts ......................................... Lillooet
Dorothy Wilkins ..................................... Grand Forks
R. E. McKeown ....................................... Rossland
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Fred Ryckman ........................................ Creston
N. K. Molander ........................................ Cranbrook
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J. C. Bartsch .......................................... Pouce Coupe
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Don Hutton ............................................ Terrace
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Shirley Hrshka ........................................ Prince George
Jack Dodgidge ........................................ Prince George
C. R. Stephenson ..................................... Quesnel
George Harper ....................................... Vanderhoof
H. R. Walker .......................................... Burns Lake
W. R. Ball ............................................. Prince Rupert

Road Runner Section Reporters

HEADQUARTERS

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Training and Safety ...................................... A. F. Park.
Property Negotiations .................................. E. W. Pritchard.
Contract Documents .................................... C. S. Rippengale.
Personnel ............................................... Mrs. Jo-Anne Vickers.
Maintenance and Landscape .............................. Mrs. Jean Corless.
Highway Design ........................................ R. Appleby.
Douglas Building ....................................... George Mussethine.
Weiler Building ......................................... George Mussethine.
Insurance, Claims, and Communications ..................... . G. Gavin.
General Office ........................................... R. Cooper.
Equipment ............................................... Mrs. Edna Paton.
Paving .................................................... H. H. Sawatsky.
Construction ............................................. E. C. Webster.
Design and Bridge Construction .......................... Norm, Wharf.
Douglas Building ....................................... George Douglas.
Weiler Building ......................................... George Douglas.

BRITISH COLUMBIA FERRIES

A. McLean .............................................. Liferaft Serviceman, Deas Dock.
J. McKelvie ............................................ Assistant Machine-shop Foreman, Deas Dock.
E. Coombe ............................................. Chief Officer, Queen of Prince Rupert.
H. D. Halkett ........................................... 1st Officer M.V. Mayne Queen.
John Cass ............................................... Departure Bay.
Bill Bouchard .......................................... Head Office.
Dave Thorne ............................................ Swartz Bay.

Cover Photo—Typical of rugged Fraser Canyon topography, this unusual view of a section of the Trans-Canada Highway shows the portal of Farrabee Tunnel as seen from the viewpoint of Hell's Gate Tunnel.
MIKE GROUNDS, of Fort St. James, has won through competition the position of Road Foreman 3 at Anahim Lake. Mr. Heare is a Grade Operator in Williams Lake.

GAYLORD MERKLE, of Vanderhoof, has been promoted to Foreman 2 at Fort Fraser.

B. L. BERGSTROM, of Cranbrook, won the competition for Foreman 3 at Bridge Lake.

DOUG HECKER, of New Denver, was the successful applicant for the position in the Prince George District. He has been employed by the Department since 1963, starting in New Denver as an Engineering Aide. He transferred to the Prince George District in 1965 as a Draughtsman until he was reclassified to the position of Engineering Assistant in November, 1969.

JIM WINTON recently was promoted to Engineering Assistant in the North Vancouver Regional office. Jim began his career with the Department at the North Vancouver District office in 1964. Married with one son, Jim is a keen organizer around the building. He is past president of the Burnaby Sports Club, Field Editor for the RR, and treasurer for the employees' coffee and gift fund.

BETTY YOUNG, of Burnaby, originally started with the Department on November 2, 1959, in the North Vancouver District office and left May, 1962. She returned to work as a Clerk-Stenographer 2 and recently won, through competition, the position of Clerk-Stenographer 3 in the Regional Property Negotiator's office. Betty's husband is also employed by the Department as a mill on the Woodbine Ferry. They have two sons.

JIM MEHWORT of the Materials Testing Branch, won through competition the position of Senior Lab. Technician. Mr. Mehwort joined the Branch in June, 1967.

DAVID BENOIT, Road Foreman 2, has won through competition the position of Road Foreman 3 in Alexis Creek.

RENNE HEARE has won through competition the position of Road Foreman 2 at Anahim Lake. Mr. Heare was a Grade Operator in Williams Lake.

10-7 CLUB

BRUNO CRAW, of Revelstoke, retired after 21 years' service with the Department. Bruno was presented with a sabre saw and a sander by his many friends who wish him health and happiness in his retirement.

MRS. ROSE MERRYWEATHER retired from Government service after 14 years with the Construction Branch and the Materials Testing Branch as a Secretary and Librarian. A luncheon was held March 12th at which time Mrs. Merryweather received gifts and the best wishes from her co-workers and friends throughout the Department.

VICTOR MORRISON, Road Maintenance Foreman, Prince Rupert Branch, retired May 30th after 21 years' service. Vic began with the Department in July, 1949, as a Bridgeman, becoming a Road Maintenance Foreman in 1952. At a farewell dinner, District Superintendent W. R. Ball presented Vic with gifts on behalf of his co-workers and telegrams were received from previous District Officials R. E. McKeown and E. A. Lund.

HARRY VIGUE has retired after 21 years' service with the Revelstoke District maintenance section. He was born in Wisconsin, U.S.A., and came to Canada with his parents in 1910. Harry joined the Department in 1949 and in 1950 he became a Grader Operator at Sidmouth, where he remained for most of his service. He was honoured by fellow employees and, again by the Nelson District office. He was presented with a silver tray and watch respectively. She plans to stay in Creston, which he has called home since 1930.

IRENE LABELLE, Department of Highways Clerk since September, 1944, retired April 1 after 25½ years' continuous service in the Creston office. She was honoured on two different occasions on leaving the service, once by the Creston employees and again by the Nelson District and Regional office staffs. She was presented with a silver tray and jewel box respectively. She plans to stay in Creston, which she has called home since 1930.

LOUIS JOHNSON, Stockman, 4, Salmon Arm District, retired May 28th after working for the Department for 33 years. Louis started in the New Denver District and transferred to the Salmon Arm District in October, 1947, as Storekeeper. He is married and plans to make his retirement home in Salmon Arm.

JIM HYSSOP concluded 17 years of service with the Department as Mechanical Consultant when he retired in April, 1970. At a luncheon on March 25th, attended by the Mechanical Superintendents from the four regions and headquarters personnel, Assistant Deputy Minister F. A. MacLean made a presentation of golf clubs, fishing equipment, and a wallet to Mr. Hyslop on behalf of the mechanical staffs of the four regions.

D. C. POLLOCK, Road Maintenance Foreman at Pender Harbour in the North Vancouver Highway District, was feted at a retirement dinner and dance at Lord Jim's Lodge on March 5th. District Superintendent W. M. Underwood presented Mr. Pollock with a camera on behalf of his fellow employees and a meritorious service scroll marking his 40 years' service with the Government. The Pender Harbour Chamber of Commerce also made a presentation to Mr. Pollock.

PROMOTIONS

MIKE GROUNDS, of Fort St. James, and WES RIVET, of Vanderhoof, have won through competition Grader Operator positions at the locations indicated. Mike has been with the Department since June, 1968, and Wes since March, 1964.
"EXTRACURRICULAR" ACTIVITIES

Shooting from 23 yards against Victoria's best, ALAN E. RHODES, Controller of Expenditure, won the Handicap Division Trap Trophy at the Victoria Gun Club recently. Tied with another competitor after breaking 46 out of 50 targets in high winds, Al won the shoot-off, breaking 22 of 25 targets.

The Highways Headquarters bowling team, GEORGE and HERTA WAGG, BETTY and BILL INGRAM, and JIM HOLMES came second in the Government Bowling League, totalling 5,428 pins for five games and winning the Princess Mary Trophy. In the third game Jim Holmes rolled the highest pin fall ever rolled in a Government league, 10 straight strikes, five on his eleventh ball and five on his twelfth ball, for a total of 423 out of a possible 450. He was suitably honoured at the Bowling Banquet on May 9th. The above-referenced team also was in the British Columbia Festival of Sports, and won the city championship and placed second on Vancouver Island.

Recently, a team of young soccer players managed by N. R. ZAPF, Director of Location, and coached by J. A. CAMBREY, of the Location Branch, won the Vancouver Island Division 7 of the Shrine Tournament. The championships take in all Vancouver Island and out of 19 league games played, the team won 15, lost one, and tied two. They scored 79 goals and had seven scored against them.

A District and Paving Branch personnel softball team, entered in the Men's Softball Spring League in Vanderhoof, won its first game May 11th, by a score of 26-4, behind the pitching of FRANK MARTENS, Resident Paving Technician. Play will continue through May and June with playoffs set to start June 23rd.

Cherryville Road Foreman ARNOLD CORNISH and Machine Operator ALBERT FOSSY have taken up an interesting pastime. They have formed a Trail Bike Club at Cherryville for the purpose of helping the local kids in their adventures on week-end rides. Membership at present stands at 14, with 12 bikes used for the riders.

MRS. KAREN SHEPHERD, Clerk 3 in the Nanaimo office, has returned from a holiday to Mexico City. While in Mexico, Karen and her husband Chester visited Puerto Vallarta, Mazatlan, and Guadalajara.

KEN KOEBERNICK, Assistant Mechanic, was transferred to Vanderhoof District, April 1st. Ken has been transferred four times in the past two years and will finish his apprenticeship in Vanderhoof.

ROBERT FRENCH has been transferred from Bridge Lake to Williams Lake.

J. A. CLARK has been transferred from the North Vancouver Shop to the shop in Williams Lake as a Mechanic 1, effective April 15, 1970.

At the Westbank yard, Foreman R. J. Martin and Grader Operator A. C. Sheifer chum themselves before work in the morning. Bar is 8 feet above the ground. They say this "sets them up for work," or are they trying to be "long on the job."

NEW FACES IN NEW PLACES

E. E. "DICK" READSHEW, Senior Materials Engineer for the Materials Testing Branch since March, 1964, took over his new position as Senior Paving Engineer in April, 1970. Mr. Readshaw joined the Department in July, 1958. "Switching places" with Mr. Readshaw is former Senior Paving Engineer JOHN KERR, who now becomes Senior Materials Engineer. Mr. Kerr joined the Department in 1956 and has headed the Paving Branch since 1957.

The lateral transfers of L. C. JOHNSON and W. A. BOWMAN took place in April of this year when they traded positions at Headquarters. Bill was formerly Bridge Construction Engineer, and Len, Bridge Design Engineer.

ROY DYER, Road Foreman at Bear Lake, is transferring to Soda Creek in the Williams Lake District.

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Weddings

Sandra Anne Yeoman and Robert Osborne were married in the Kamloops United Church, April 11, 1970, by the Rev. J. T. Harricks. Robbie is an Engineering Aide with the Department Materials Testing Branch in Kamloops.

Miss Doreen Palmer, who joined the Materials Testing Branch in November, 1969, was married to Mr. Bruce Clark on May 16, 1970. They travelled to the Interior of British Columbia on their honeymoon.

A wedding of interest in the Bridge Lake-Mahoed Lake area took place when Jack Adams, of Mahoed Falls, and Mrs. Margaret Herzog were married recently. Jack, who has been with the Department for 11 years, was first stationed at Canim Lake East before moving to Bridge Lake.
ABOUT PEOPLE...

ART PRODEAHL, Engineering Aide, Prince George District. Art has been employed with the Department in Prince George since May, 1968. He is married and has one daughter.

JANET D. MARTIN, Clerk 2, Fort St. John District office, is formerly from Ontario. "Jan" moved to Fort St. John in 1968 and joined the Department staff in February this year. She is married and has four daughters. In her spare time she enjoys sewing, gardening, and bingo. She is an avid football fan, a "Ti-Cat" booster, since she is from Hamilton.

ALEXANDER LOTOSKY is Mechanic Foreman 2 in charge of the local shop. A native of Golden, Alex has been with the Department since April, 1947. He started as a Labourer and worked his way to his present position by 1962. When he was younger, Alex was a hockey player of note, and, during a Department inter-Branch game last year he showed young men half his age that he still knows how to skate and what to do with the puck.

BILL BOUCHARD, British Columbia Ferries Traffic Department, was in the stores department at Swartz Bay and recently transferred to head office.

DON ENG, Chief Storekeeper, Catering Stores, Swartz Bay Terminal. Don joined the Ferries Division in June, 1960, and was the only storekeeper at that time. As the ferry system has grown, so have the stores, and Don now supervises a staff of 10 stockmen. His spare time on week-ends is usually spent on the golf course.

MISS GLADYS M. FLOYD, Office Manager at Grand Forks. Gladys has been with the Department in Grand Forks since 1961. Besides travelling, she enjoys gardening, painting, and curling.

HENRY VAANDERING, Heavy Duty Mechanic, moved to Dease Lake in May, 1969, from Chetwynd. He has been with the Department since May, 1966.

JOCK RATTRAY, Road Foreman at Good Hope Lake, whose smiling face and cheery wit is known to many travellers in the northern parts of the Province. Jock has been with the Department since 1955, all of which has been spent maintaining the Stewart-Cassiar-Watson Lake Highway. In his leisure time he does a little gold-mining.

JOHN TOMA, Tractor Operator in the Altin road crew, is a handy man to have around because of his mechanical ability. John previously lived in the United States and started with the Department in September, 1968.

GEORGE LANDLANDS, Stockman 4, Golden District, has been with the Department since 1956. He was timekeeper until April, 1960, when he assumed his present position. George has an unusual hobby—collecting old mechanical pencils and fountain pens. His collection includes some writing instruments of unusual shape, size, and origin.

MRS. C. DARBY started with the Headquarters Equipment Branch in Victoria as a Clerk-Typist in February. Charlotte loves swimming and camping and her husband, Jim, is an instructor at the "Y."

L. E. KRIESE has been with the Fort St. John District office as Clerk-Stenographer since October, 1963, but successfully avoided the cameraman for over six years. She is very active in Sunday School work and coordinates many outside activities for the children. Lorraine's other interests are music and reading.

A. B. "SWANY" SWANSON, Grader Operator on the Altin crew. According to his fellow employees, Swany's favourite past-time is talking. He has been with the Department since April, 1968.

HENRY VANANDERING, Heavy Duty Mechanic, moved to Dease Lake in May, 1969, from Chetwynd. He has been with the Department since May, 1966.

MISS GLADYS M. FLOYD, Office Manager at Grand Forks, is presently in England where she is enjoying a well-earned vacation and visiting relatives. Gladys has been with the Department in Grand Forks since 1961. Besides travelling, she enjoys gardening, painting, and curling.

DEAN H. C. DAVIS was appointed Clerk-Timekeeper in the Fort St. John office, Fort St. John, in December, 1969. He was previously employed in a local bank. To be married June 20th, Dean spends most of his off-duty time putting the finishing touches on his mobile home where he and his bride plan to live. He is also a volunteer member of the Fort St. John Fire Department.

MRS. FRANK S. FENELUX, a native of Grand Forks, is Clerk-Stenographer 2 in the Golden District office. She joined the Department in the Rossland District office in 1967 and transferred to Golden in July, 1969. Fran enjoys bowling and has done some Little Theatre acting.

MRS. C. DARBY started with the Headquarters Equipment Branch in Victoria as a Clerk-Typist in February. Charlotte loves swimming and camping and her husband, Jim, is an instructor at the "Y."
STAN DOBINSON, Technician 2, commenced employment with the Bridge Construction Branch in May, 1957. He has supervised several major bridge projects in various parts of the Province. Stan was educated at the Barnsley Technical College, England, and is a member of the Royal Institution of Chartered Surveyors. Stan is married with two daughters and three grandchildren and his outside interests are photography, gardening, and woodwork.

R. H. BUETTNER, Technician 2, commenced employment with the Bridge Construction Branch in June, 1965. He has supervised major bridge projects. Born in Raymond and raised in Glenwood, Alberta, Roy attended the University of Alberta and Brigham Young University in Utah. He was previously employed with Remington Construction of Cardston, Alberta. Since his posting to Valemount, Roy has served as coach for the school basketball team and as president of the Valemount Recreation Commission. He is married with two children and is an ardent hunter.

MRS. A. M. WEISS recently transferred from the Department of Finance in Grand Forks to the Highways Department as Clerk 2. Ann lives at Christina Lake and enjoys swimming, fishing, and horseback riding.

G. M. GILCHRIST, Chief Steward on the Queen of Prince Rupert, was formerly with the Canadian Pacific Railway and joined the Queen Rupert when she began service in May, 1966.

BOB HEWLETT has joined the Quesnel District office staff after transferring from the Water Resources Branch in Victoria to Quesnel as an Office Manager Trainee.

MARIE TUCKER commenced with the Highways Department, North Vancouver District office, in 1967 and is presently a secretary to the Regional Maintenance Engineer. Marie has two sons with whom she enjoys the outdoors. Golfing and water skiing are among those she enjoys most. She also finds relaxation in handicrafts such as pottery and painting.

JOANNE HENDERSON is a bright addition to the North Vancouver District office. Her work entails typing subdivision reports and permits for the District Technician. Joanne is single and surprisingly enjoys fishing for a hobby, particularly lake-fishing.

D. J. BRETECHER, draughtsman in the Prince Rupert District office, received his high-school education in Manitoba. He then studied Civil Technology with a Highway section. He was previously employed with Manitoba Hydro as a soils inspector. Joe was educated in Fort William, Ontario, now known as Thunder Bay. He is married with one child and his hobbies are making fishing tackle and sign painting. Most weekends Joe is away on a camping expedition with his new Land Rover.

THEA BEBINGTON is a new face in the North Vancouver District office. She is a Clerk-Stenographer for the District Superintendent. Thea is married and has four children.

MRS. S. HALME, Clerk-Stenographer to Regional Property Negotiator, came to the Regional office in Nelson after service in the Department of Finance and the Department of the Attorney-General, Victoria, and the Kootenay General Regional District in Nelson. Her hobbies are skating, fishing, and skiing.

MRS. S. WALKER, new Clerk-Stenographer in the Regional office, Nelson, has recently arrived from Kelowna. Sheila has two small children, aged 4 and 5, and enjoys skiing and tennis.

G. M. GILCHRIST, Chief Steward on the Queen of Prince Rupert, was formerly with the Canadian Pacific Railway and joined the Queen Rupert when she began service in May, 1966.

MRS. MAXINE MCDONALD, Senior Clerk-Stenographer to Regional Highway Engineer R. W. White, Regional office, Nelson, has five years’ service with the Department. Maxine has a daughter. Recently she has participated in various walkathons.

MISS LOLA SWETLIKE, Clerk-Stenographer in the Regional office, Nelson, began her employment with the Department in January, 1968. Her wide variety of outside interests include skiing, jogging, curling, travelling, and camping.
Memory lane in this case is the road between Prince George and Happy Valley. Here Alen Birchard on the tractor pauses to roll a cigarette while Jack Davies waits on the gull-grader in early summer of 1938.

Widening the Cariboo Highway (now the Trans-Canada) near Boston Bar in 1935. Same general techniques as today but with smaller, slower, and less efficient equipment.

Corduroy construction of Northern Trans-Provincial Highway near Galloway Rapids, 1937.
You are hereby authorized to make general repairs to the following roads, total cost not to exceed $500.00, inclusive of gas, oil, etc:

<table>
<thead>
<tr>
<th>Road</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Church Road</td>
<td>$25.00</td>
</tr>
<tr>
<td>Dranks</td>
<td>$50.00</td>
</tr>
<tr>
<td>Kings</td>
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<tr>
<td>High Avenue</td>
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</tr>
<tr>
<td>Wrights</td>
<td>$80.05</td>
</tr>
</tbody>
</table>

**TOTAL** $500.05

Yours obediently,

General Foreman.

In the March issue on page 8 the RR had a picture of the Yale District bridge crew of 1940. As no names were available, the RR asked for help and C. R. Stephenson, Quesnel Highway District Office Manager and RR Field Editor in Quesnel, came to the rescue. He identified the bridge crew as, left to right: Tommy Flynn, Timberman; Paul Harrington, Foreman; Jack Ainsley, Truck-driver; Jack Irving, Timberman; a man known as Charlie from the Yale area, and William Beckman, Timberman, whose brother John is a Dockhand on the Darrel Bay-Woodfibre Ferry and who also identified the members of the bridge crew. A well-known former official of the Department, now retired at Sidney near Victoria, S. D. Harold Pope confirmed Mr. Stephenson's identification of the Morrise Courthouse office staff. Back row, left to right: W. McCreight, Janitor; C. R. Stephenson, Department of Public Works, This Fairfull; A. J. Passmore, Department of Public Works. Front row, left to right: Bob Cooper, Assessor; Gloria Morrissey (now Mrs. Collitt); May Hogg; and A. G. Freeze, Government Agent.
The M.V. Sechelt Queen is shown here departing Tsawwassen terminal on one of her daily trips between Tsawwassen and the Gulf Islands. The Sechelt Queen was formerly the Chinook II, built in 1947 at Seattle, Washington. She was purchased from Black Ball Ferries in November, 1961, and operated on the Horseshoe Bay to Langdale run until replaced by the larger M.V. Sunshine Coast Queen.

Department of Highways "Apollo XVII" (Fernie) scheduled to take off as soon as the snow disappears and upon receipt of two volunteers. They are booster stations to be installed north of Fernie to improve radio reception.

In the early 1930's, public-spirited residents of Pemberton, North Vancouver District, pooled together to construct a Highways garage. This same garage, left, was in use until 1969, when a new shop was constructed. The new shop is among the most modern in British Columbia, and is a duplicate of the shop constructed in Squamish in 1967.

Cairn on Highway 97 at Westbank (near Kelowna), commemorating the Brigade Trail near by, which was used by fur traders from 1811. This picture shows Highways employee Ab. Shelter watering newly seeded area around cairn as it was recently relocated by the Department to improve sight distance on a hazardous corner of Highway 97 at Westbank.

Either the machines appear to be getting larger in the New Denver District or the mechanics smaller. A closer look shows the miniature mechanic is Clay Stenberg, son of M. H. Stenberg, Assistant Mechanic Foreman at the New Denver Shop.

Beneath the calm waters of this placid pool lies a paved street in the Town of Golden. To the right is part of the equipment-shed in the Golden District yard. Resulting from a spell of heavy rain, the "lake" was named by some wag after the town's municipal engineer, and the same sign advertised its fishing and water skiing potential. The boat was added by the RR cameraman for effect.
Group 6, Foreman Training Programme, Allison Pass, April, 1970. Front row, left to right: Joe Kobza, Creston; Willard Kreitz, Kamloops; Earl Martinson, Sicamous; Bill Telford, Williams Lake; John Lay, Quesnel; Ted Stockland, Langford; Nels Mikkelson, Edgewood; Doug Clay, Clayhurst; second row, Frank Prail, Revelstoke; Bud Lovestrom, Grand Forks; Mike O'Connor, Victoria; Rico Diomotassi, Revelstoke; Cas. Cassagrande, Duncan; and Bob Jackman, Rossland. Back row, Ernie Scott, Merritt; Colin Maber, Victoria; Tucker Forsyth, Gibson; Les York, Vernon; Chuck Milne, Texada Island; Dude Lintz, Cloverdale; Paul Carrievan, Princeton; and Cec. Smith, Port Hardy.

During the past winter the shop crew at Good Hope Lake, Fort St. John District, travelled 50 miles, twice a week, to attend a mechanics' night-school course at Cassiar. Left to right, they are John Simons, Automotive Mechanic; Terry Antill, Automotive Mechanic; Don Wyber, Heavy Duty Mechanic; Archie MacIntyre, Automotive Mechanic; and Geoff Warrington, Mechanical Foreman. Standing at the back is August Ishinghoff, the instructor from Cassiar.

Group 5, Foreman Training Programme, Allison Pass, February, 1970. Al Park, Victoria (1); Jack Fredrickson, Prince George (2); Charlie Jeffs, Nelson (3); Harvey Popoff, Grand Forks (4); Don Piggott, Golden (5); Reg Martin, Westbank (6); Bill Cooper, 100 Mile (7); Stan Deans, New Westminster (8); Pete Davis, Mica Creek (9); Dave MacVicar, Kamloops (10); Bass Ellis, Alberni (11); Stan Arksey, Birch Island (12); Alex Brayden, Parksville (13); Pat Duane, Vernon (14); Ron Jones, Clinton (15); Joe Bred erick, Barriere (16); Chuck Rolston, Burns Lake (17); Bill Pullin, Mission (18); Don Martin, Victoria (19); Mac Gurr, Bella Coola (20); Bill Friessen, Langford (21); Will Patten, Vanderhoof (22); Reick Andrus, Penticton (23); Charlie Blank, Coulson (24); Jack Untershafer, Prince George (25); Tommy Taverner, Lytton (26); and Ed Jennings, Campbell River (27).

Jaffray road maintenance crew, left to right: W. Semeniuk, E. A. Bart, J. M. Murray, B. I. Bergstrom (Foreman), L. J. Weisgerber, and T. A. Lindberg.

Courtenay District Highway office staff are, back row, left to right, D. C. Jones, District Technician; R. G. Mulcaster, District Engineer; Tom Tams, District Office Manager; Norm McLeod, Ferry Clerk. Front row, left to right, Miss B. A. Smith, Clerk Stenographer; Mrs. D. M. Thompson, Timekeeper; Mrs. S. D. Whitehead, Commercial Student; Mrs. L. A. Corrigall, Clerk Typist. Missing from photo was Miss E. M. Rodwell, Clerk.
Two "accidents" in the Courtenay District yard were features of the safety rally held there May 15th. Grim reality as shown in the left and centre pictures was simulated for the 60 employees attending the rally from all parts of the district. Speakers were, left to right, F. Hawkins, Workmen's Compensation Board; Alex Caldwell, Region 1 Safety Officer; S. Hunt, W.C.B.; and R. G. Mulcaster, District Engineer.

MERRITT DISTRICT BEST HOUSEKEEPER AND SAFEST

Merritt District crews and District Superintendent W. G. Helmsing were presented, at a banquet April 10th in Merritt, with the Good Housekeeping award (their third), the Region 2 safety award and the R. McLeod Memorial trophy. About 130 people attended and among the out-of-town guests were Dave MacVicar, Regional Mechanical Engineer (Kamloops); A. E. Rhodes, Comptroller of Expenditure (Victoria); J. T. Evans, Regional Mechanical Superintendent, and H. D. Francis, Regional Safety Officer (Kamloops); A. F. Park, Senior Training and Safety Officer (Victoria); and J. H. Pankiw, District Engineer (Penticton).

The Pouce Coupe District received the annual award trophy for the lowest countable accident-frequency rate for all four regions for 1969. D. F. Martin, Senior Maintenance Engineer, right, presents the trophy to J. E. Steven, District Superintendent, at a presentation dinner at Pouce Coupe.

The gold award of merit presented by the British Columbia Safety Council has been won by the Nelson Regional and District office staffs and was presented recently by the Hon. W. D. Black, Minister of Highways. The award was received by Mrs. Sheila Walker on behalf of D. R. Godfrey, District Office Manager; Mrs. Maxine McDonald, Miss Lola Swetlikoe; Mrs. Sherrie Halme; and S. J. Dixey, Regional Office Manager.

Regional Maintenance Engineer P. B. McCarthy presented Safety Council silver awards to the Nelson District ferry crews of the M.V. Balfour and the M.V. Anscumb.

Convalescents

North Vancouver District Superintendent W. M. UNDERWOOD is back in his office after an absence of seven weeks due to illness.

ROBERT A. WALKER, Machine Operator in the Merritt Highways District, is recovering from surgery and may be absent from work for two months. All employees in Merritt wish him a speedy recovery.

The Vanderhoof District highway crew at Fort St. James recently welcomed AD LIETETE back on the job following a winter-long period of convalescence.

Employees of the Cranbrook District were happy to see PETER BECKER, Machine Operator 3, Cranbrook road crew, back to work after a major operation and they wish speedy recoveries to LARRY E. TAYLOR, Road Foreman 4, Cranbrook District, and WILLIAM F. SOCZOWSKI, Mechanic 1, Cranbrook garage crew, who are at home after major operations.

OLIVER POWERS, Campbell River Maintenance crew, is convalescing after an automobile accident, GORDON HIGHWAY, Courtenay bridge crew, is convalescing after a fall from a scaffold in the Courtenay yard, and A. A. GUTHRIE, Cortes Island maintenance crew, is at home recovering from a back ailment.

CHARLIE HORSESELL, Labourer, is in hospital. His fellow employees in the Nanaimo District wish him a speedy recovery.

NORMAN TAYLOR, Assistant Mechanical Foreman, at Parksville, had the misfortune to break his foot. A 150-lb. battery handle pulled out of the battery, causing it to fall on his foot.
REGION ONE
SAFETY BANQUET

The Region 1 Annual Safety banquet was held in March, 1970. The banquet and dance was attended by approximately 300 employees and guests honouring the combined electrical crew, centre line crew, and New Westminster District for winning the Regional award for 1969. R. W. Gittins, District Engineer, introduced the head-table guests from Victoria and the Regional office. Other guests were the mixing crew and Dock District. The guest speaker, F. A. MacLean, Assistant Deputy Minister, congratulated the district and crews on behalf of the Hon. W. D. Black, Minister, who was unable to attend.

Patrol First Aid and Rescue Team

Department of Highways patrol members recently formed a first aid and rescue team for the purpose of increasing their efficiency through competition with other teams in the Province. Team members are Patrolmen Bud McLellan (Captain), Art Pickering, John Lamont, Don Straughan, Harry Cunningham, John Brown, and George Cooper (Manager). Coaching is by Don Hudson of Metro Ambulance, Vancouver.

Recently the team travelled to Victoria and competed in the Lower Vancouver Island First Aid Competition, receiving a second-place award. On May 9, 1970, the team took fourth place in the annual competition sponsored by St. John Ambulance and the Workmen’s Compensation Board.

On May 23rd it will travel to Nanaimo to enter in the Upper Vancouver Island Mine Safety Competition.

Don Page, Regional Traffic Superintendent, right, and Len Fong, Centre Line Supervisor, with the centre line crew’s bronze-on-gold award.

Mr. MacLean presents Region 1 Maintenance Engineer W. E. Mercer with the award of honour for the Regional and North Vancouver District office and engineering staff. The award was for 365,184 hours without a time-loss accident for the period April, 1962, to October, 1969.

The Department of Highways Patrol First Aid team in front of the Agradome on the Pacific National Exhibition grounds on the occasion of their participation in the St. John Ambulance and Workmen’s Compensation Board Competition. Back row, left to right, Patrol Sergeant William Carruthers, Patrolmen Don Straughan, George Cooper, John Lamont. Front row, left to right, Coach Don Hudson, Patrolmen Bud McLellan, Art Pickering, and Harry Cunningham.

Mr. MacLean, right, presents Mr. Gittins, left, and Carl Seehuber, New Westminster District Safety Chairman, with the Regional safety award.

Members of the Department of Highways Patrol recently qualified for the St. John’s Ambulance senior first-aid certificate. Patrolman Harold Jensen practises oral resuscitation under the critical eyes of Patrolman Art Pickering and St. John instructor Bud McLellan at a first-aid class prior to qualification.

Patrolmen George Cooper and John Lamont remove “injured passenger” from wrecked auto.
ON THE JOB...

In the course of a recent major inspection of Lions Gate Bridge, the main suspender cables were unwrapped so that individual strands could be inspected. Standing on platform high above First Narrows, assisting Inspector Larry Gardner of New York (with his back to camera) are, clockwise, Leon Lorette, Bridge Foreman; Al Waliser, Bridge District Engineer, Manuel Quieto and Gordon Downing, Bridgemen. The cables, incidentally, were found in perfect condition after 35 years of service.

Painting the salt shed in the Westbank yard, Kelowna District, Les Jensen on ladder and, left to right, Hugh McCartney and Gary August.

John Hrechka, Machine Operator, left, and Dave Grant, Road Foreman, prepare to sweep north weigh-scale site on the John Hart-Peace River Highway, just north of Prince George.

Quesnel road crew repairing frost boils on Highway 97, 20 miles south of Quesnel. Annual repair on this section will soon be unnecessary as it is being reconstructed. Note swath on the right side of the picture.

Archie Sluggett and Jim Gail are Department employees stationed at Swartz Bay. From here they travel to the various docks and buildings of the British Columbia Ferries Division to keep them in good repair.
Snowblast R-1000 clearing windrows of snow on the Stewart-Cassiar Highway where the total snowfall is approximately 132 inches per year. The unit is operated by Alfred Ball.

To improve road widths on some of the Gulf Islands it is necessary to drill and blast rock. Norman Porter, Powderman, is shown drilling sandstone rock for such an operation.

This is a "glacier" in the Atlin District in northern British Columbia, at least it's called Glacier Creek. Trying to control the flow of water are Doug Vantine, Road Foreman, who came to Atlin from Francois Lake; Orin Anderson, Truck-driver; and Sylvester Jack, Tractor Operator.

This is a view from the back of the Department of Highways Maintenance Camp at Good Hope Lake, 63 miles south of the Alaska Highway at Mile 649. In the background is the Cassiar Mountain Range and the Stewart-Cassiar Highway.

Courtenay District H3-Hoe removes last of the old gas and oil shed demolished after construction of new shed, right.
The Sugar Lake Bridge, a landmark since 1938 in the Cherryville area of Vernon Highway District, was demolished and dropped into Shuswap River by Road Foreman Jack Amies and his assistant, Willy Bock-Phillips, in April of this year. The bridge, located 1/2 mile north of Highway 6 at Sugar Lake, reconstruction began immediately by the Vernon bridge crew, comprised of John Courcet, James Elliott, Dale Webb, Malcolm Walker, Marvin Zwarich, Stan Bennett, and Bridge Foreman Charlie Hinman.

Opening of the new Willow River Bridge on Highway 16 East last fall made detour road and Bailey bridge unnecessary. Latter was removed and dismantled early this year. Top photo shows view of crossing with Frank Peck, Senior Foreman, standing on deck. Bottom picture shows dismantling with Prince George bridge crew members Jack Pyle, Albert Hembrow, and Robert Harrison.