The Contract Documents Section of the Ministry of Transportation and Highways is like a small supply vessel and this is not surprising as its Supervisor Ray Fisher is a former deck officer from the British Merchant Service. Ray often has to work closely with Gerry Cavin, Insurance and Claims Officer, on what the insurance requirements may be for a specific contract, for example, a dredging contract just advertised for the Fraser River requires material to be dredged and stockpiled. In the contract documents work he is ably assisted by Judy Schut, Office Manager.

The types of contracts drawn up each day vary considerably. Gravel crushing is the most common with about 30 to 40 awarded in one year. These are mainly maintenance projects such as the need to produce surfacing gravel, winter sand for sanding operations and the mixing of salt. Landscaping and landscaping development require contracts, for example, such work on the Lansdown Street Extension and the Thetis Lake Overpass, including washbox facilities at Portage Inlet, had to be contracted out to tender. Grading contracts usually cover from road base up to the finished grade of gravel. Contract work is done for ferry terminals such as the building of new vessels and docking facilities for the B.C. Ferry Corporation and Highway Ferries. A recent contract was the Francois Lake Ferry where the Branch had to put in a floating drydock so the vessels could undergo annual inspection. Then there are the contracts for bridge construction, paving, and the smaller jobs like electrical installations and painting.

There were two table top Gestetners in the print shop when Ray started 10 years ago. Today, there are three offset printing presses: an A.B. Dick 360, a 367 and a 1600. The shop prints its own contract documents, updates policy and procedure manuals and is capable of taking camera-ready print as well as make their own electrostatic paper and metal masters. Production is up to 12 million impressions and increasing every year. There are seven on staff including, Supervisor Steve Netherton.

Originally from Poole in Dorset on the south coast of England, Ray joined the merchant service as an apprentice following high school and after several years became a deck officer. He remained at sea until 1948 then worked with ordnance surveys drawing maps and charts. In 1954 he emigrated to Canada, worked first with a consulting firm in Montreal then ended up with the Ontario Ministry of Highways at a district level in Cochrane. After about eight years Ray moved to British Columbia and joined the Highways Location Branch and from there moved into the Planning Branch. His predecessor, Ross Workman, retired and he won the job through competition.

Library personnel, left to right, Sue Johnson, Librarian, and Tammy Bystedt, Librarian Assistant.
MINISTER'S MESSAGE

In reviewing accomplishments of Ministry personnel, I have always appreciated the work of those staff members whose job is to train other employees to do the work assigned to them safely and efficiently. Many employees perhaps don’t realize the number and value of courses and other training available at no cost to them.

Our Highway Technology Training Program, the recent Ministry-BCTV television courses on the KNOWLEDGE network, courses available through co-operation between the Ministry and the B.C. Systems Corporation and the Public Service Commission and the job-related courses available at the community level are all available to Ministry employees.

Aside from the intrinsic value of such training courses, the fact is that those who avail themselves of these opportunities are the ones who are most often selected for promotion. Such people are to be admired by their employers and the public because of their own initiatives.

I therefore urge all employees of the Ministry to seek out the information on training courses which will increase their own self-fulfillment and help to improve their chances of job improvement.

ALEX V. FRASER
Minister

An Ontario woman has high praise for two Ministry employees who assisted her and her family when they were involved in an accident on the Lougheed Highway last August.

In a letter to North Vancouver District, Nancy Hecks of Scarborough, Ontario, pays tribute to Janet Nichol and Cam Shaete, members of a construction branch crew, for their help and because they were “especially nice to myself and the children,” she said she wanted to pass on a few words of thanks and commendation. She said the two were a credit to the Ministry and indicative of the “rapport your Department must have with the public.”
H. A. (HARRY) WARING, Regional Paving Superintendent, retired December 31st, 1980. Harry retired from the Ministry of Transportation and Highways, Paving Branch, but not before he had a retirement dinner put on by his fellow employees and friends where he was presented a gas barbeque along with a chef's hat, apron and steaks. Harry started work in the B.C. Power Commission in 1959 doing engineering work for Hydro Development. Ten years later in 1960 he joined the Department of Highways Paving Branch in Port Alberni as an Engineering Aide 3 and in 1965 he was promoted to Paving Superintendent, retiring December 31, 1980. Harry received a plaque commemorating his 18 years with the Ministry. A veteran of World War II, Bill saw 31/2 years active duty in France and Belgium with the Calgary Tanks. He was wounded in action, and after recovery settled in Quesnel in 1945. Bill will be kept busy on his farm just south of Quesnel. He is an avid hockey fan.

HAROLD LLOYD QUISSY retired on November 12th after 33 years service. After a five year stint in the Army where he learned his trade, Harold joined the firm of Barnett & McGugan, B.C. Land Surveyors. He left them and joined the Highways Construction Branch in 1947. In 1952 he transferred to the Location Branch (now Design and Survey) and has continued in this Branch until his retirement. He made many friends throughout the Government service. Harold has been on pre-retirement leave since March and enjoys fishing and gardening but is probably better known for the extensive loops District, retired October, 1980 after 16 years service with Highways. Bill will be kept busy on his farm just south of Quesnel. He is an avid hockey fan.

C. A. (TALLAN) MacGILLIVARY, Headquarters Technician, has retired after 18 years with the Ministry. Allan started with the Department of Highways in March 1962 in White Rock working as a road and plant inspector. He later worked in several areas around the Province, such as Chilliwack, Stewart-Cassiar area, Lower Mainland, the Kootenays and Vancouver Island. In 1965 he was promoted to Project Supervisor. In 1967 he travelled to the Queen Charlotte Islands returning to Vancouver Island in 1968 to work on various projects. Allan then remained in the Branch Headquarters from 1972 up until his early retirement September 30th, 1980. In November, a reception was held at Allan's home where he was presented with gifts from his fellow employees and friends. Staff of the Paving Branch would like to wish Allan and his wife Muna all the best in the coming years.

T. N. (BUD) VYE, Mechanic 2, Kamloops District, retired October, 1980 after 15'/2 years service with Highways. Bud is married and has one daughter in California and one son in Kamloops. Bud raises parsley dogs, especially Great Pyrenees. His plans for the future are to simply enjoy his retirement.

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WILLIAM (BILL) HUCUL, Construction Foreman, Salmon Arm District, retired recently after 25 years service. Bill started in March, 1955 as a Labourer. He has worked as Construction Foreman for over 12 years. Bill and his wife will stay in Salmon Arm as Bill is actively involved in minor hockey.

ANDY STOPPA retired from the Kelowna District road crew last August after 13 years service with the Ministry. At the time of his retirement he was the tandem truck driver for the Kelowna area, which followed many years on the District lowbed which sent Andy to all corners of the Province where he now has many friends. Andy plans to spend his retirement years fishing around the province and travelling.

JOHN CHARLES KESWICK, Weighmaster 2, Midway scale (between Grand Forks and Osoyoos) retired recently after 11 years of service. He started with the Commercial Transport Division of the Motor Vehicle Branch in October 14, 1979 and was a Past Master of Mt. Hope Masonic Lodge.

ARTHUR R. GREER, Weighmaster 3 in charge of Haig weigh scale (near Hope) joined the Commercial Transport Division April 14, 1959 at the old Flood Weigh Scale near Hope. He retired in August, 1980. Art was born in Langley, B.C. and served overseas from 1943-1945. He worked as a power saw mechanic prior to becoming a Weighmaster. He is married to a son and daughter and is a Past Master of Mt. Hope Masonic Lodge.

WILLIAM (BILL) ANNETT, Labourer with the Quesnel District, was honoured at a retirement party held for him by his fellow workers. Bill was given a plaque commemorating his 18 years with the Ministry. A veteran of World War II, Bill saw 31/2 years active duty in France and Belgium with the Calgary Tanks. He was wounded in action, and after recovery settled in Quesnel in 1945. Bill will be kept busy on his farm just south of Quesnel. He is an avid hockey fan.

IVOR G. TARRON, New Westminster District, retired June 25, 1980 after 16 years service with the Ministry. Ivor began with the highways construction on the Simon Fraser Access Road, Gaglardi Way, and continued through to retirement with the Burnaby Maintenance Crew. Ivor was born in Saskatchewan and worked throughout B.C. before joining Highways. He plans to take a long awaited holiday before moving up to live in Vernon, B.C. Ivor's main hobby, gardening, will flourish in Vernon.
JOHN KENNEDY, Yardman with the Rossland District, retired in October, 1980. John began working for the Ministry in 1964 as a Truck Driver before becoming Yardman and temporary Road Foreman in the Castlegar area. John was well liked by all; a retirement party was held in his honour to wish him well during his retirement. As well as enjoying fishing and golf, John has taken up curling so it sounds as if he will have a busy retirement.

RAY WISE of Cloverdale road crew in the New Westminster District has retired after 21 years service. Ray began as a Truck Driver 7 with blacktop mixing plant in 1959. After 5 years he then transferred to Cloverdale; Maintenance. Ray was presented with a pocket watch with all his fellow employees wishing him well on his retirement. Ray’s time will be spent patterned on his small farm and doing some fishing.

UNUSUAL CREATURES
OF BRITISH COLUMBIA

This nocturnal creature, is found exclusively in the Cariboo-Chilcotin areas of British Columbia. The “Cariboo Potholer” has an unusual method of locomotion. It has no legs but uses its two arms to launch itself in leaps and land on its forked arm shaped torso. Few have ever been seen but it is believed the Cariboo Potholer has arms of unequal length and this creates small, round craters, or “pockets”. The tracks are quite easy to identify as it seems to prefer the highways and sideroads of the Cariboo.
JOHN NIAS has been appointed Systems Analyst 4 with the Transportation Department. Born in Sussex, England, John holds a bachelor's degree in applied mathematics from the University of Wales at Aberystwyth and a master's degree in applied mathematics from the University of St. Andrews in Scotland. He lectured in a couple of technical colleges in London and for 2 years worked as a research officer at the University of Newcastle on Tyne. Coming to Canada in 1969 John joined Ontario Hydro as a numerical analyst in Toronto. From 1971-1973 he was a computer analyst at the University of Saskatchewan, Saskatoon Campus and in 1973 he came to Victoria to work as a programmer analyst with Computer and Consulting Services (now B.C. Systems Corporation). In September, 1975 he joined the Ministry of Forests as a Research Officer 3 in the Protection Branch. John's new responsibilities will include defining and developing data processing and information needs of the Transportation Department liaisoning with the Systems Corporation and Insurance Corporation of British Columbia on computer system requirements. He is married with one daughter and is a do-it-yourselfer when it comes to home improvements. He enjoys computers as a hobby, likes to cycle to work and sees the car for its engineering virtues and driving enjoyment. He is a local director of the Canadian Information Processing Society and a Fellow of the Royal Meteorological Society.

The Motor Carrier Branch announces the appointment of GEORGE BLOGG as Inspector for southern Vancouver Island. George succeeds Jack Haines who recently retired. Born and educated in Victoria, George spent one year with Canada Trust then switched to the Royal Bank. He stayed 7 years and rose to the position of Branch Administrator Officer. He is a graduate of Canadian Institute of Bankers, an accountant's program consisting of university credit courses, and also studied business administration at BCIT for one semester. George worked up and down Vancouver Island with the bank and also in various Vancouver branches. He came to the Motor Carrier Branch in January, 1977. George is married and right now he and his wife are making plans to build a new home. He is a car buff and also owns a 2-year-old champion purebred female Basenji named Neely.

BRUCE J. MACDONALD is the Ministry's new Assistant Director of Property Services at Headquarters in Victoria. After obtaining his bachelor of commerce degree from UBC Bruce joined the Burnaby office as a property negotiator in June, 1975. In 1979 he transferred to Nanaimo as Regional Property Negotiator. He assumed his new duties last fall. Bruce is married with one daughter and enjoys tennis and racketball in his spare time.

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JOHN PHILLIPS, Administrative Assistant to the Superintendent of Motor Vehicles, has been appointed Director of Administration and Safety for the Motor Vehicle Branch. In his new role, Mr. Phillips will be responsible for developing and coordinating administrative functions, researching and developing policies relating to vehicles, drivers, passengers and pedestrian safety; liaising with safety councils and other Ministries in the road user safety field, and representing the Province in Federal/Provincial negotiations on dangerous goods in British Columbia as well as coordinating the dangerous goods program for the Province. Mr. Phillips began employment with the Motor Vehicle Branch as a Driver Examiner in 1963 in the Georgia Street motor licence office. After working in several offices on the Lower Mainland, he transferred to Cranbrook to operate a travelling driver exam unit in the East Kootenay area. Four years later he was promoted to Office Manager/Driver Examiner in Mission, and in October 1977 he was promoted to Administrative Assistant to the Superintendent. Mr. Phillips is a graduate of the Executive Development Training Program at the University of Victoria, and prior to working for the Branch was employed with Air Canada and before that the Bank of Montreal. He is married with two children.

**PHILIP TOOGOOD, P.Eng., has been appointed Director of Compliance and Standards for the Motor Vehicle Branch responsible for the Commercial Transport Division, Motor Vehicle Inspection Division, the Compliance Engineer and the Industrial Engineer.** Mr. Toogood held a senior position with the Alberta Government prior to his appointment. He is a graduate of Mechanical Engineering from Carleton University, Ottawa, and has also attended a two-year engineering training program from General Motors Institute. He brings to his new position a broad experience in the field of vehicle safety and vehicle standards. While working with a vehicle engineering firm in Ottawa which was under contract to Transport Canada, he conducted vehicle test programs to determine compliance with the Canada Motor Vehicle Safety Standards. Later, a Compliance Engineer with Transport Canada, he was involved in all aspects of testing samples from vehicle manufacturers to determine compliance with the provisions of the Canada motor vehicle safety standards. Before coming to British Columbia, Mr. Toogood worked as a Vehicles Standards Engineer responsible for supervising the Alberta government's inspection program and developing legislation, regulations and standards.

**RAFAL M. LIKES has been appointed Pipeline Inspector with the Transportation Engineering Branch for the Fort St. John area.** Ralph is no stranger to the pipeline business, having worked around oilfields for the past 14 years. He was born in Edmonton and moved with his family to Fort St. John at the age of 10. After finishing high school, he worked for Haliburton Oil Well Services for three years, then spent 1½ years with a Department of Highways bridge crew. For the next 7½ years, he was employed with Pacific Petroleums involved in oilfield operations as well as mechanical work on compressor stations. Before leaving, he was Supervisor of Oilfields in the Peace River area, 50 miles northeast of Fort St. John. Before his new appointment, he was with an oilfield equipment rental company in Fort St. John. Ralph is married with two young daughters. His hobbies are hunting, fishing and curling.

HANS LOEWEN is the new Office Manager for the Motor Carrier Branch in Burnaby. A Commerce graduate from the University of British Columbia with majors in transportation and labour relations, Hans worked as a summer student with the Branch analyzing truck regulations prior to joining the Branch as an Inspector in August, 1975. He is an active soccer supporter and enjoys skiing, bicycling and badminton in his spare time. Next summer he and his wife plan to travel east for their vacation.

**PROMOTIONS**

HARVEY MONNETTE, Weighmaster 1, Tete Jaune Cache, has been promoted to Weighmaster 2 at Elk Lake Scale, Victoria. Born and educated in the Athabaska area of Alberta, Harvey worked for two trucking companies on the Lower Mainland for 14 years as dispatcher rater and laterly office manager prior to joining the Commercial Transport Division nearly three years ago. Before coming to British Columbia he worked as assistant station agent and timekeeper with Northern Alberta Railways for three years, then served three years with the RCAF in an administrative capacity (Glass Honour Student at Camp Borden, Ontario). Following the RCAF he worked as a railroad clerk with B.C. Hydro railroad division in New Westminster for three years. Harvey and his wife live in Sidney with their two boys ages 10 and 11 and his hobbies include fishing, gardening and sports.

WINIFRED BARNSWELL has won through competition the position of Records and Supply Clerk, Clerk 3, for the Design and Surveys Branch Headquarters Office, Victoria. Wynn is married with five sons, she enjoys doing crafts and needlework and spends most of her spare time gardening. The experience gained from raising five sons helps her in dealing with demanding Project Supervisors.
FRANK RIZZARDO won through competition the position of District Technician 3 with the Nanaimo District. Frank was previously with the Prince Rupert District in the capacity of District Technician stationed at Stewart. Before that, Frank was with Design and Surveys Branch functional studies in Victoria, and in 1973, in the design section at North Vancouver. Frank, his wife and son, are looking forward to moving back to the Island. Frank will look forward to continuing his hobbies in carpentry, wine-making and camping, not necessarily in that order.

J. B. MOTTISHAW was originally from Victoria and started his career with Construction Branch in Prince George as an Engineering Aide 1 in April, 1977. In June, 1979 he was promoted to an Engineering Aide 3, at Mica Creek, and just recently has won an Engineering Assistant position at Cranbrook District. While in Mica Creek, he assumed chairmanship of the 1st, 2nd and last 3 Mica Open Golf Tourney. His former colleagues say he was best known as "The Mayor of Mica Creek".

NEIL VICKERS recently won through competition the position of Research Officer 2, Traffic Engineering Branch. He joined Traffic full time in 1963, after spending several summers on the road as an enumerators and worked his way up to the position of Senior Traffic Operations Technician. One of Neil's new duties will be to produce an updated metric version of the Manual of Standard Traffic Signs. He is married with 2 children and his interests include picking winning lottery tickets.

KEITH LIST, Mechanic in the Quesnel District has won through competition the position of Mechanic 4 in Burns Lake. Keith started with Highways in Quesnel in 1977 as a Mechanic 2, was later promoted to Mechanic 3. Keith enjoys sports, especially fun ball. He is a boating enthusiast and enjoys water skiing.

L. G. BULLIVANT, a BCIT graduate who started with the Branch in Kitwanga in June, 1977. He was promoted to Engineering Aide 3, November, 1978. Larry has spent most of his working career in Kitwanga, Prince George and Revelstoke. His claim to fame came as a member of the Revelstoke softball team which represented the Okanagan in the B.C. Senior C Softball Championships and finished second. He also golls and has an interest in photography.

CHRIS GOURDREAU began with the Highways in 1972. He worked with road maintenance for 2 years, transferred to bridge crew for 2 years, came back to maintenance until bridge crew for the Rupert area was re-activated in 1978. Chris was Acting Bridge Foreman for 1½ years and has officially been Foreman for the past 7 months. Chris is married and has 3 children. He likes to play chess and is interested in all types of sports, specifically hockey.

BRIAN AUSTIN, recently won through competition the position of Engineering Aide 2, Golden. Brian came to the Golden District from Cranbrook, where he started work as an auxiliary Engineering Aide 2 in 1977, doing drafting for Design and Survey. At present, Brian is handling all drafting and calculation work for the Golden District. He is an active member of the Golden Volunteer Fire Department and is seriously thinking of joining the Golden Kinsmen Club. Brian's hobbies are football, snowmobiling, tennis and four-wheeling. He is married with one son.

L. E. WILLIAMS has won through competition an Engineering Assistant position with Construction Branch in Vancouver. Larry started with the Ministry in August, 1965 as an Engineering Aide 1, advancing to Engineering Aide 2 in August, 1968, and Engineering Aide 3 in March 1974. He has served mainly in the Okanagan and Lower Mainland areas of the province. His interests centre on the collection of memorabilia—mainly old phonograph records of which he has over 1,000—pictures and books. He is also interested in the early history of British Columbia and enjoys camping.

RON RECCI won through competition the position of Road Foreman in Telkwa Cache, McBride District. Ron moved from the Slim Creek area to Telkwa after serving only 2 years as a Road Foreman in Slim Creek.

LYNN KRUPEK, recently joined the Ministry as an Office Assistant 2 in the Port Alberni District Office. Before winning the competition she was with the Ministry of the Attorney General in Port Alberni. Lynn looks forward to new and interesting work with this Ministry. Born and raised in Port Alberni, Lynn is married and enjoys snow skiing, ceramics, swimming, travel and music.

LEN THATCHER is the new Foreman 2 in Ucluelet-Port Alberni Highways District. He was formerly a supervisor at Whistler and Blue River before coming to Ucluelet. Len started as Machine Operator 7 in Ucluelet in 1976. He is married, has 2 children, and is eager to renew old acquaintances in this area. Len enjoys woodwork and trail-bike riding in his spare time.
K. D. RELKEY entered Construction Branch in Prince George, April 1973 as an Engineering Aide 1. Two years later he was promoted to an Engineering Aide 2. 2 years later, to an Engineering Aide 3. He has now won through competition an Engineering Assistant position with Construction Branch in Cranbrook District. His previous working areas have been Prince George, Mica Creek and Revelstoke. Keith is single, enjoys curling and baseball.

CLAY CARBY, recently won through competition the position of Engineering Aide 3, Golden District. Formerly with the Sunshine Coast Regional District as a draftsman, Clay started with Highways in March, 1978 in Gibsons as an Engineering Aide 2 and held that position until his recent move. Clay is married and he enjoys golf, fishing and photography and is an active member of the Golden Kinmen Club and the Golden Volunteer Fire Department.

R. J. THOMPSON began work with the Construction Branch in Prince George in 1973 as an Engineering Aide 1. In 1975, working on the Nimpkish Highway and then transferred to Terrace as an Engineering Aide 3 in 1976. He has now won through competition an Engineering Assistant working out of Terrace. Ron loves the north country and is in a good position to pursue his hobby of prospecting and lapidary work. He enjoys music and reading and is currently working on Level 2 of the HTTP.

In August, 1980, DAVID J. BACON was the successful applicant for the position of Machine Operator 1A in the Smithers Highways District. Dave has been working with the Ministry since April, 1977 as an Auxiliary Labourer, a position he held until this year. Dave was raised in the Smithers area and has developed a love for the outdoors. His hobbies include backpacking, snowshoeing, gardening and smoking the fish he catches. He is married and has 2 children.

BUD CADE was the successful applicant for Road Foreman 1, Clinton, in July this year. Bud has been temporary foreman in the Clinton area since 1977. He began with the Ministry in 1974 as an auxiliary labourer and won a Machine Operator 3 position in 1976. Bud has lived in Clinton for 27 years, and spends his spare time reading or traveling the back roads. Bud states that he has noticed a unique feature on the Trans-Canada Highway at Cache Creek. Apparently this is the only place in Canada where traffic must stop and yield to traffic of a lesser highway, in this case, Highway 97.

BILL McEWEN, formerly Office Manager of the Golden Highways District, has recently won the position of District Office Manager of the Port Alberni Highways District. He has the distinction of being the first office manager in the Port Alberni Highways District. Previously accounting was performed for Port Alberni District by Nanaimo District. Bill is single and enjoys sports, music and cars.

CHERYL OLSON, Office Assistant 2, has won the competition for Clerk Steno 3 at Geotechnical and Materials Branch, Burnaby. Cheryl was at the Ministry of Labour prior to working at Regional Office. Her hobbies are handicrafts and travelling.

BRUCE CRAIG has recently been appointed to Engineering Assistant in the Fort St. John District. He went to Cariboo College in Kamloops before coming to work for the Ministry and he is putting his ability to work as a draftsman. Bruce worked for 5 years as a warehouse clerk. He is married with 2 children and his hobbies are playing hockey with the local Highways teams, playing softball and curling. Bruce quite enjoys the cold winters in the north.

OBITUARIES

Smither's Highway District employees were saddened to hear of the death of their associate. JOHN DOUGLAS CONLON. John died at the age of 37 on November 29, 1980 after a short illness. He is survived by his wife, Kathy and 2 sons. John was employed as a Bridge Labourer and will be missed by his fellow workers who extend their sincere sympathy to his family.

FRED BARLOW, 55, Burns Lake District, died at Prince George Hospital on November 19, 1980. Fred has been employed as a mate on the Fraser River since 1974. He was born in Arrowsmith, B.C., went to school in Nakusp and after serving in the Royal Canadian Navy, spent most of his working time on the Kootenay and Okanagan Lakes. He is survived by his mother, 2 sons, a grandson and a sister. Fred's friendliness, warmth and sense of humour will be missed by all his friends in the Burns Lake area.

VINCENZO GRECO sudden and unexpected death saddened his friends and co-workers at the Langford Maintenance Yard in Saanich District. Vincenzo, aged 53, was a remarkable man who had a great impact on everyone he met. He was a devoted family man, past president of the Italian Assistance Centre and well liked and respected in the community. He is survived by his wife, Antonietta and 4 children.

WILLIAM TYMCHUK (Bill) died at the age of 62 in Fernie Hospital on November 15, 1980, following a lengthy illness. Bill started with the Ministry of Transportation and Highways in 1953 in the Fernie Highways District and provided 27 years of excellent service. He was also an ardent outdoorsman and sportsman. He is survived by his wife, Jessie, 2 daughters, one son, 7 grandchildren and 2 brothers.

RENE R. J. TROTTIER, Bridgeman, New Westminster District, died on October 29, 1980. Well liked among his fellow employees, Rene was an excellent worker and those who knew him are saddened by his death.

ANDREW ELDER, age 57, died on July 22, 1980. He started with the Ministry on November, 1968 and at the time of his death was a Relief Foreman with the Revelstoke District maintenance crew.
ART PEARCE, Chief Dispatcher with the Air Services Branch, worked for 19 years with Pacific Western Airlines as a dispatcher in Edmonton and Vancouver prior to joining the Branch in 1975. Born in Winnipeg, he moved to Vancouver in 1969. He served as a navigator with the RCAF during World War II and following the war but of Transport as a weather observer. Alspent nine years working with the Ministry of Transport. Together he has spent 30 years around aircrews, providing air-ground radio communications with all flights, and liaising with the maintenance department for efficient use of aircraft. Art is married and his spare time is taken up with golf, curling, fishing and reading.

SHERRIE HALME, District Stenographer, joined Snarke District office in May, 1980. She worked previously from 1967 to 1971 for the Nelson Regional office. She was moved to Victoria in 1978 and is now settled in her own home at Cordova Bay. Sherrie, was born and educated in Victoria, is a single parent and a working mother. She is kept busy with housework and her children's activities. The little spare time Sherrie has left is taken up with gardening, cooking and working with children. Four years of work has resulted in Sherrie becoming the publisher co-author of the "Ennis History."

JACK NEALE, Yardman Tete Jaune Cache, in the McBride District. Before moving to Valmont in 1974 Jack worked as a security officer at the Vancouver International Airport. Before he worked as a private investigator for a firm of auditors and guarded such people as Howard Hughes and the Rolling Stones. Jack began with the Ministry in 1974 as a yardman and stays busy during the winter months by delivering fuel and operators to the machines, reporting the weather, and many other jobs. Jack is married and has one daughter. He enjoys cross-country skiing and fishing.

MARVIN S. ELY, Mechanic 2, Lillooet Highway District, began with the Ministry of Transportation and Highways in 1962 as a mechanic helper in the Merritt Highway District. In 1964, after attending the British Columbia Vocational School in Nanaimo, and working in the Yale District, Marv transferred from Merritt to the Lillooet Highway District where he is continuing on his apprenticeship program. In 1965, he became an Assistant Mechanic and after working in Vernon and attending three more sessions at BCVS in Nanaimo, was reclassified again in 1966. After completing his apprenticeship he became a Mechanic Grade 1 and the Mechanic Grade 2. Marv and his family enjoy most sports and he is a first baseman for the Lillooet fastball club and also is active in curling.

DON MACMILLAN, District Coordinator, Fernie Highways District, started with the Fernie Highways District July, 1980 upon winning the position of District Coordinator. Don came from Salmon Arm Highway District where he was employed as an auxiliary for three years on the technical crew. Don was previously employed as a seismic party chief with the Geotechnical and Surveys Branch of Victoria in 1972 and 1973. He has also worked with various private contractors throughout B.C. and Alberta involved in oil exploration, including positions in the Middle East, Africa, and Europe. Don is married and has two daughters and their interests are photography, fishing, skiing and horses.

DOUG DAY, Weighmaster, Kamloops South Scale, has been nine years with the Commercial Transport Division. Born and educated in Kamloops, Doug started out in trucking and automotive wholesaling. He served five years in the RCAF as an airport engineer technician, then worked as a mechanic and later managed a service station. He worked with the Post Office for five years before becoming weighmaster. Doug enjoys sailing, working with model railroads and travelling in the northwestern United States and British Columbia in his travel trailer. He is married with three children.

DARLENE ALLAN, Driver Exam Officer, Kelowna, administers written exams to the public, looks after vision screening and answers inquiries regarding driver licensing procedures and the different classes of licenses. Darlene's work experience includes one year with UIC, secretary for an Okanagan dairy for seven years, four years in Kelowna and three in Cranbrook, and seven years with the Government Agency, two years in Kelowna and five in Cranbrook. She came to the Motor Vehicle Branch January 2, 1980. Darlene is married with one boy and her hobbies include baking, knitting, cooking and working with children. She is planning a trip to Disneyland in four years.
SHARON REGIMBEL, Office Assistant. - In 1968, Sharon has been around ski areas all his life and is experienced in all aspects of maintenance and operation of the ski industry. Born was born in Calgary, raised in Jasper, and prior to coming to British Columbia was area mountain manager at Fortress Mountain in Alberta. He joined the Engineering Branch (Transportation) July, 1977. From 1971 to 1977, he worked at Grouse Mountain where he served an industrial electrician apprenticeship from 1972 to 1976. He has taken courses in rigging and avalanche work. Bob is married with 2 children and his hobbies and interests include photography, skiing, canoeing, fishing, and hiking.

LARRY GREENALL, Construction Foreman. - Larry has been with Highways since 1966. He began as a Machine Operator at Bridge Lake. During 1978/79 he moved to Kamloops and lived all his life in the area. Larry is employed as a Machine Operator on Highway 24 for the 100 Mile District. In May, 1980, he won the competition for his present position. During the summer of 1980 Larry has worked from Alexis Creek to Likely, with the Williams Lake District, and on quite a variety of day labour jobs. Larry is enjoying the Williams Lake area and looks forward to the winter, when the spare time, he hopes for, will allow him to enjoy his favourite sport, snowmobiling.

ED MORHART, Labourer. - Ed was employed with the Ministry in 1974 as an Auxiliary. His duties at present include time-keeping, yard work and general labouring. Before starting with Highways, Ed was self-employed and has lived in Calgary since 1956. Ed's off hours are spent woodworking and fishing.

ALLAN EDGAR, the Burn Lake District Co-ordinator, recently transferred from Fernie. Al is already involved in the local scene, playing with the Highways slow pitch team, cross country skiing, cycling and generally keeping fit. He lives in town with his wife and son. Al's one regret is there is no local place to engage in hang gliding.

RICK MCGEE, Mechanic. - Rick began with the Ministry in 1974. He and his wife and 3 children moved to Blue River in October, 1979 when Rick started as a Mechanic. Rick's hobbies include hunting, fishing and prospecting. In his spare time he is an Auxiliary Constable with the RCMP and is very active in the Legion as well as taking courses from BCTI.

CATHARINE GALIOIT, Acting Manager of the Richmond motor licence office, was born in Victoria. She worked for the City of Vancouver Licensing Department for 3 years prior to joining the Motor Vehicle Branch in Richmond on February, 1974. She has also worked as a consultant for a placement agency and at one time was a Slovakian driver's course. Catherine has travelled a lot but says she would like to return to Mexico, especially Puerto Vallerta where the scenery is beautiful, she says. Her hobbies and interests include piano, ice skating, swimming and especially interested in her daughter's competitive gymnastics. Catherine also lectures once a month on penalty points and assessments to persons taking the impaired driver's course.
VIVIAN SAWCHUK is Secretary to Ken Good, Regional Weigh Scale Supervisor and Fred Leigh, Transport Inspector, in Kelowna. Vivian was born in Banff and attended high school in Kelowna. Before coming to Government, she worked 6 months with a collection agency in Victoria, then joined the Courthouse to work in the Registry of Voters. She came to the Ministry in September, 1979. Vivian is newly married and her hobbies include skiing, embroidery, reading, sewing, swapping magazines and she hopes to take a trip to Tahiti or Fiji in the future.

CHIYOKO TATEMICHII, has recently been hired as an Auxiliary Office Assistant 1 in the New Denver District office. She works as a cost clerk and provides general office help. Before joining Highways she worked in the local hardware store as a clerk. Her hobbies include growing plants, fishing and swimming.

JOHN LABOYNE, Operations Assistant for Traffic Engineering Branch, joined the Ministry in May, 1978. John is a graduate of the cartographical drafting program at Camosun College. He started with the Salmon Arm Highways District office and stayed there until September, 1979, at which time he came to his present position in Victoria. This past summer he spent a week at the Duke Southard Racing School, where the "classroom" reached speeds of 200 km. John's interests and hobbies include auto racing, graphic design, rugby, aquarium keeping and trials bike racing.

BILL STADT has been a Stockman with the Air Services Branch since December, 1978. He started out with the Motor Vehicle Branch in 1961 in the audit office then moved to the stockroom and from there to Public Works. Before joining the Public Service, Bill was an electrician with Canadian Pacific Airlines for 2 years. He also served with the RCAF for 5 years. Bill was born in Sumatra, Indonesia, and moved to Canada in 1940. He is married with 4 children and his hobbies include carpentry, electronics and working on cars.

RACHEL THOMPSON, Timekeeper in the Golden District Office, comes from Fort St. John, British Columbia. She has had various occupations including drafting, receptionists for the RCMP, a store clerk and a postal clerk. Upon moving to Golden in 1962, she again worked at various jobs until 1971 when she commenced work with the Ministry as Voucher Clerk 3. In 1978 Rachel substituted as the District Timekeeper and in September, 1979 through a lateral transfer secured the position. Rachel is an active member of the Royal Canadian Legion Ladies Auxiliary, she also enjoys sewing, crocheting and will become a proud grandmother for the first time in January, 1981.

RAFLE WEINSTEIN, Weighmaster 2 at Port Mann East scale, has been with Commercial Transport Division for 19 years. Ralph was born on top of Sturnus Mountain at Stratton, B.C., and during World War II served as a motorcycle instructor with the army at Aldershot, England. Following discharge he went to work in the trucking industry, and over the years worked with such firms as Ocean Cement, Timberland Lumber Company, Dave Messenger and Terminal Cartage. For a hobby, Ralph has 3 antique motorcycles which he hopes to restore—a 1938 BSA and 2 1939 BSA Gold Stars. They are all rare but the later 2 he says are the only ones in Canada as far as he knows. He hopes to retire next spring and do some travelling, also some fishing in his 37-foot cruiser.

TERRY GREEN, Motor Carrier Inspector, Kamloops, has to cover about one-fifth of the province in his travels from Tete Jaune Cache to Bella Coola. His job is to investigate new motor carrier applications, complaints from carriers and liaise with other government ministries in the course of his duties. Terry joined the Branch in Vancouver in October, 1972 and was transferred to Kamloops in July 1973. Originally from the prairies, Terry came to British Columbia in 1966 with the Navy. Upon discharge in 1963 he was involved in driver sales with Silverwoods, Victoria until 1965, then started his own trucking firm. He is married with 3 girls and his hobbies include winter sports, snowmobiling, boating, water skiing, being active in the local snowmobiling association and the Lion's Club.

EILEEN SAINSBURY, Registrar with the Motor Carrier Branch, has worked for the Branch since May 1954. Born in Revelstoke, Eileen lived in England from 1935 to 1945. She served in the Canadian Women's Army Corps from 1943 to 1946 and was stationed in England, France, Belgium and Germany. Her first job upon her return to Canada was with the Hospital Insurance Service as cashier before joining the Motor Carrier Branch. As Registrar, Eileen is responsible for publishing all applications from truckers for alteration of their present authority or any new trucking company applying for authority. She also receives all documents that come into the hands of the various inspectors. Eileen likes gardening and reading and plans to retire April 15, 1981 and then do some travelling.
BILL SWALLOW, Machine Operator

with the Revelstoke maintenance crew is also the district driver trainer. Bill started with the Ministry on September, 1968 and has been the driver trainer since September, 1976. He has had a busy schedule this year with the training of new employees and the district is pleased to have a person as competent as Bill to pass along his knowledge and skills to the new operators.

WALTER DAUNES is a Road Foreman I with the Ministry in Fort St. John. He started in March, 1968 as a grader operator specializing in the laying of asphalt. He came from Prince Albert, Saskatchewan, in 1951 to the Peace River country so is becoming an older timer of the area. He is married with two children and his hobbies include camping, hunting, and snowmobiling. He also enjoys his Arabian horses.

JACK JOHNSTON, Weighmaster, Kamloops South Scale, served four years as an army parachutist and 16 years as a communications technician with the RCAF before joining the Commercial Transport Division 3½ years ago. Jack was born in Toronto but raised in the Fraser Valley. He is married with two children, a girl and boy, and his activities include gardening, swimming, being active in the Eagles, Canadian Legion, the Elk's patrol team, and heading out into the Kamloops hills on his trail bike to fish for eastern brook trout.

RON NICHOLLS, Driver Examiner, Penticton, was born in Manchester, England, and came to Vancouver in 1937. He worked 7½ years with a car firm in North Vancouver, one year with a driving school and 1½ years with B.C. Ferries at Horseshoe Bay before joining the Motor Vehicle Branch in 1967. Ron is married with a boy and girl, and his hobbies are reading and looking after his orchard at Naramata which has 40 fruit trees. Last summer he harvested over 3,000 pounds of apples, and 800 pounds of peaches.

ED PALEY, Motor Carrier Inspector, Kelowna, started with the Motor Carrier Branch in Prince George in September 1969. Born in Prince Albert, Saskatchewan, Ed brings a wide experience to his present role, having worked two years with weigh scales in Saskatchewan, plus four years as secretary and member of the Saskatchewan Highway Traffic Board, and 11 years as a switchman and yardmaster with the CNR. Ed has also spent one year with an accounting firm matching for his CA, and prior to his present position, he worked with weigh scales at Prince George for six months. Ed is married with one child and his outside activities include boating, camping, gardening and cross country skiing.

MACK McQUEEN, Weighmaster, Kamloops Scale, spent 25 years in the RCAF as a construction electrician and was stationed coast to coast. Originally from Kingston, Ontario, Mack joined the Commercial Transport Division in September 1973. He is married with six children and enjoys fishing, curling and golf. Next year Mack plans a trip to Reno or Vegas and hopes to travel upon retirement.

PETE BOSER, Weighmaster, Kelowna Scale, came to the Commercial Transport Division on October 1, 1974. Born in Unity, Saskatchewan, he worked as a clerk with a grocery chain in Saskatchewan for 2½ years and upon moving to British Columbia in 1969 worked as a landscaper in Kelowna for five years. Pete is married with two girls and right now he is busy building a house and landscaping. He also likes to bowl.

DAVE EVANS, Weighmaster, Kamloops North Scale, came with the Commercial Transport Division seven years ago. Born in Drumheller, Alberta, Dave spent most of his young life in Vancouver. He worked with the Canadian Pacific Airlines for a short time before joining the RCAF. He spent 24 years doing clerical work in the Air Force and was stationed all over Canada and Germany. Dave is married with four children and his hobbies include skiing, fishing and raising budgie birds.

WILLIS BLACKMAN, Mechanic 2 in the McBride Highways District, currently working at Tete Jaune Cache shop. He has worked for the Highways since June, 1968. He spends most of his time with his wife and his two daughters. They all enjoy spending their time outdoors, camping, fishing and snowmobiling. Willis has spent most of his life in that valley and knows the country exceptionally well.

BOB PETRIE, Weighmaster, Vernon Scale, was born in Vancouver and his first employment was working in construction after school. He later went to work with an oil company as a lab technician and process operator and remained there 15 years before deciding to open a hardware store in Salmon Arm. Five years later he came to work with the Commercial Transport Division. Bob is married with seven children, lives on Okanagan Lake, and his hobbies include boating, fishing and gardening.

JOHN DUERKSEN, Machine Operator in the McBride District, began with Ministry in 1969 as an auxiliary on winter shift and became regular in 1970. His hobbies include restoring antique cars, woodworking and fishing when time permits. He is married with two children, both married. When he began with the Ministry he was on winter shift plowing snow, later he spent several years on the Bridge crew and now is the low bed operator, which he enjoys very much.
ABOUT PEOPLE...

MARThA R. LUBINICn has just obtained the position of Clerk 3, Timekeeper for the Williams Lake Highways District. Martha began with the Ministry 2 years ago as an office assistant, looking after hired equipment. Martha feels her new position will offer more interest and a continuing challenge. She enjoys outdoor sports, such as camping, fishing and canoeing, skiing in the winter, but her greatest interest is softball. Martha plays on a senior ladies' fast-pitch team and on the Highways slowpitch softball team as well.

K. G. BROOKBANK (Ken) is the District Stockman in the Fort St. John District. He began with the Ministry at the Little Boulder camp on the Hart Highway in September, 1953, drove a truck for a time then became the Timekeeper. He transferred to Fort St. John in 1957 where he took over the Stockman position. Ken's family moved to the Peace River country from Haywarden, Saskatchewan in 1924. He enjoys his small ranch just outside of Peace Couge where he is still planning on making his fortune, he also enjoys fishing and is an avid curler having taken various trophies in the north over the years.

DEAN CHAMBERLAIN, Weighmaster, Kamloops scale, worked as a perishable fruit inspector for a major company in Seattle before moving to Edmonton 17 years ago. He worked in Edmonton in car parts for 3 years then moved to Penticton where he spent 10 years in the same line of work. He became a Weighmaster in 1974. Dean was born in Paulman, Washington near Spokane. He is married with 3 children and he likes to camp and fish.

FLOYD ERICKSTAD is the Bridge Foreman in the Fort St. John District. He has been employed with the Ministry for 24 years, all of it in Fort St. John. He started as a bridge labourer in August, 1956 and worked his way up to his present position in 1966. He spent considerable time in Good Hope Lake, Dease Lake and Atlin constructing and maintaining bridges when these areas were in the Fort St. John District. Floyd is married with 4 daughters and his hobbies include beekpeeping, farming, hunting and fishing, he also enjoys cross-country skiing and is an avid curler.

AB RATTRAY, began with the Ministry in September, 1971 in the Fort St. John District as a truck driver. After working his way through heavy equipment operating and temporary foreman jobs he became the Regional Construction Foreman for the district in 1974, the position he holds today. AB is married with 4 children, he enjoys camping, reading and model railroading. He is also involved in coaching minor baseball, refereeing hockey games and playing on the local Highways hockey team. Before moving to Fort St. John, AB lived in Whitehorse for 2 years working as a mine electrician.

BILL LEE, Portable Weigh Scale Operator, Kaleden scale, spent 3 years with the RCMP at Chilliwack. Hope and Keremeos before becoming a portable operator in August, 1959. Before that he was an oilfield worker in Saskatchewan for 2 years. Born in Abbey, Saskatchewan, Bill came to British Columbia in 1956 with the RCMP. He is married with 3 girls and his interests include his 3 purebred Arabian horses and teaching jod to children in Penticton. He holds a second degree black belt in jodo. Bill also hopes to travel in the new year to Mexico.

ERIC BERGSTRAND, Weighmaster, Kamloops North scale, was born in New Westminster and lived in North Surrey for 17 years before moving to Kamloops. Eric is a former rancher and for 10 years had his own trucking business hauling livestock and general freight in the Kamloops area. He came to the Commercial Transport Division in 1974. Married with 2 boys, he enjoys horseback riding, hunting, fishing and driving around the country. Eric does not think that trucking agrees with married people.

RAY JAGO, Weighmaster, Vernon weigh scale, drove a Highways wrecker on the Port Mann section of Highway 1 and later worked with the regional paint crew in the Vancouver area before joining the Commercial Transport Division 2 years ago. Altogether he spent 6 years in the Highways Department. Born in Alberta, Ray moved to British Columbia in 1967. He is married with 2 boys and his activities include hockey, fishing and bowling. Ray also hopes to take his family to Disneyland next year.

Portable Weighscale Operator, DAN DAVIS, covers the Salmon Arm, Vernon and Revelstoke areas in his travels. Born in Baff, Alberta, Dan was raised in Nanaimo and Vancouver, and worked 8 years with the Federal Ministry of Transport. Meteorological Branch prior to joining the Commercial Transport Division in 1974. He worked as a salesman before that. Dan is married with 2 girls and a boy and is currently building a house in Sicamous. His hobbies include curling, golfing and traveling in his motorhome.

BOB THORSON, Weighmaster 2, Kelowna scale, commenced work with the Commercial Transport Division in August 1960. Born and educated in Golden, Bob worked in a general store and did some truck driving before becoming a Weighmaster in Golden. He remained with the Golden scale 10 years before moving to Kelowna. Bob is married with 2 children and for the past 6 years his main hobby has been ham radio. Bob talks to people all over the world and only recently spoke to an operator in Finland.

JO-ANNE STORY began working for the Highways in June, 1990, as an Auxiliary, Office Assistant 1, New Denver District. Her duties include office relief during the summer. In October she was promoted to Auxiliary Office Assistant 2, to handle the steno's duties. Her spare time is spent on activities for the Hills Recreation Society and helping build a log house. Jo-Anne is a member of the "Hills Angels" softball team and enjoys gardening and riding her new motorcycle.
Keeping the Prince Rupert District in fine running order means the successful combination of a lot of individual efforts. The District office staff look as if they enjoy their work. Left to right, they are Brian Horel, Engineering Assistant; Sarina Miele, Voucher Clerk; Doreen Gallant, Payroll Clerk; Joanne Currie, Receptionist; Betty Simpson, Clerk-Steno; Ray Dykhuizen, Engineering Aide; John Bruce, Engineering Aide; Kevin Cutting, M.M. Coordinator; and Aubrey Blishen, Acting Office Manager. Absent are John Ryan, District Highways Manager; Doug Kirk, District Technician; and Jon Jenson, Engineering Aide. The Prince Rupert District consists of four major foreman areas, Prince Rupert, Queen Charlotte Islands, Stewart and Metlakatla. Also included in the area are Oona River, Port Simpson and Alice Arm.

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Clearwater Ferry

The above picture, supplied by Bob Davoren, Engineering Assistant, Kamloops District Office, shows the Clearwater reaction ferry crossing the North Thompson River in 1919. A ferry was installed at Clearwater in 1910 before construction of the Canadian Northern Pacific Railway (now Canadian National Railways). At that time the ferry was known as Upper Crossing. In 1922 the ferry location was moved a short distance downstream to be nearer the CNR’s Clearwater Station. Ferry service at this point ended on May 31, 1930, when Alpha Bridge No. 114 was opened to traffic. From August 1917 until February 1920 the ferryman was Robert V. G. Davoren, Bob’s grandfather. The lower photograph is of the ferryman’s dwelling which was used from 1912 until 1917, previously it was used as an office by Towhey Bros., the railway contractor.

The Clearwater ferry was the first of 11 reaction ferries that have operated on the North Thompson River between Kamloops and Avola. Today only the Lillooet and McLure ferries are still in use.

Prepared by Frank A. Clapp
The above two photos were taken by Vernon photographer Doug Kermode in February, 1949. One shows the downtown area of Kelowna and at the top a ferry heading across to the west side. The other photo taken from the west side shows Okanagan Lake frozen over except for the channel left open by the ferries. The wide spot in the middle is where the vessels passed. This apparently was the last time Okanagan Lake froze over when the ferries were running. The lake did freeze again in 1959 and 1979, but by then the Okanagan Lake Bridge had been built.

The Tug “Okanagan” taking one of the last barges of rail cars down Okanagan Lake from Kelowna to Penticton. The picture was taken from the lift span of the Okanagan Lake Bridge, looking north. It is believed that the photo dates from late 1958 or early 1959, just after the bridge was opened.
AVALANCHE WORKSHOP—1980

Frank A. Clapp, Land Surveyor at Headquarters received his 35-year service award and gold watch in December, 1980. Frank worked as a chainman and rodman on various projects during part of 1943 and 1944, and commenced continuous service with Location Branch of Public Works in 1945. He worked in various surveying capacities mainly in the Peace River area until 1950 when he transferred to the Construction Branch as a draftsman. He was promoted to his present position in 1958. Frank enjoys British Columbia history and has had a long interest in ferries and deep-sea ships. He is a member of the Steamship Historical Society of America and the World Ship Society. Frank is the author of the publication "British Columbia Department of Highways Ferries," which he is presently updating and is a frequent contributor to the R.R. & C.'s "Peek into the Past" feature.

Gus Jacklin, Supervisor of Contract Administration in the Financial Services Branch, received his 35-year service award and gold watch in December, 1980. Gus started with the old Department of Public Works in 1945 in the accounts office. He went to Nelson in 1948 and transferred back to Victoria in 1949. He was promoted to his present position in 1962. Gus enjoys salt-water fishing when the weather cooperates and household chores are completed.

George Douglas, Design Technician with the Bridge Branch received his 35-year service award and gold watch in December, 1980. George began his government service in the former Department of Public Works bridge engineers office, following his discharge from the Royal Canadian Air Force in 1945. Except for a few field projects as project supervisor, his service time has been at Headquarters. George's hobbies are photography, non-tidal water sports fishing. He is an active member of the Society of Engineering Technologists of British Columbia.

T. A. (Gus) Jacklin, Supervisor of Contract Administration in the Financial Services Branch, received his 35-year service award and gold watch in December, 1980. Gus started with the old Department of Public Works in 1945 in the accounts office. He went to Nelson in 1948 and transferred back to Victoria in 1949. He was promoted to his present position in 1962. Gus enjoys salt-water fishing when the weather cooperates and household chores are completed.
KAMLOOPS “WING” OF MINISTRY AIR SERVICE

Lou Iverson, Air Services Pilot flies the Ministry’s DeHavilland Beaver based at Kamloops and used in the Province’s interior for such tasks as reconnaissance work for Fish and Wildlife, aerial photo work for various Ministries and flying Judges and other government officials into remote areas of the Province.

Born in Vancouver, Lou became interested in flying in the early 1950s and first started flying commercially with Saskatchewan Government Airways. After one season with SGA however, he switched to Pacific Western Airlines and spent 13 years flying the coast and interior of British Columbia. He joined the Ministry in 1967 and recalls landing on every inch of Yellowhead Highway 5 when it was being built.

Lou is assisted by Brian Griffiths, Regional Engineering Assistant, who acts as Flight Dispatcher and takes aerial photos when required. When Brian is occupied with other tasks, John Edgar, his assistant, takes over the dispatch role.

Brian’s pictures have been appreciated by several Ministries and even the State of Washington Highways Department expressed interest. Lou Iverson is the third pilot to fly the Beaver, the others being the late Ron Page who flew the aircraft in 1965 and Lorne Christensen who flew from May, 1966 to April, 1967.

The Beaver became based in Kamloops to fly personnel into the North Thompson area for construction of the Yellowhead Highway as roads were impassable at the time.

Lou says the Beaver was built in 1947 and was the 19th aircraft of its type to be built in Canada. “It’s an extremely good and beautiful aircraft,” he says.

Lou is well qualified for the job. He has a total of 19,000 flying hours, 14,000 of these on the Beaver, and he has flown every type of bush plane up to a DC-3.

There is a hydraulic metal bender, built in the Williams Lake shop by Noel Doucette, Mechanic 3, Welder. Also shown is a tool box he built with the aid of the bender. Noel has been with the Ministry in Williams Lake for 14 years, and been the Mechanic Welder for 9 years. He did the basic designing of the bender, but acknowledges the many ideas and contributions of his co-workers. The bender will handle material up to 4 feet wide by 5/8 inch thick, or strapping 6 inches or less by 5/8 inch thick and it can bend to any angle from 0° to over 90°. The bender shown here is the second one Noel has built. It is slated for the Prince George shop. Noel feels this tool would be a benefit to every welding shop. Blueprints and additional photos are available from the Williams Lake Highways office.

There is a hydraulic metal bender, built in the Williams Lake shop by Noel Doucette, Mechanic 3, Welder. Also shown is a tool box he built with the aid of the bender. Noel has been with the Ministry in Williams Lake for 14 years, and been the Mechanic Welder for 9 years. He did the basic designing of the bender, but acknowledges the many ideas and contributions of his co-workers. The bender will handle material up to 4 feet wide by 5/8 inch thick, or strapping 6 inches or less by 5/8 inch thick and it can bend to any angle from 0° to over 90°. The bender shown here is the second one Noel has built. It is slated for the Prince George shop. Noel feels this tool would be a benefit to every welding shop. Blueprints and additional photos are available from the Williams Lake Highways office.

A panoramic view of the newly completed Skidegate ferry terminal which was designed and the construction supervised by the Dock District, officially opened November 16. The terminal is a combined facility for the existing Ministry ferry operating between Moresby and Graham Islands, and for the new B.C. Ferry Corporation route operating from Prince Rupert to Skidegate.
After spending an afternoon preparing for winter by participating in a "Sensible Salting" course, the Smithers District Kitwanga area road crew posed for the R.R.&C. Over the last five years, the Kitwanga depot has grown from a small sub-depot to a major maintenance area. The growth was a direct result of the decision to make Highway 37 a major route to the north. Left to right, back row, Clint Lee, Road Foreman 3; Solomon Marsden, Labourer; John Findley, Machine Operator 2; Gerry Bonneville, Machine Operator 7. Third row, Cliff Sandford, Auxiliary Labourer; Frank Janas, Machine Operator 4; second row, Fred Faulkner, Machine Operator 3; Tom Lloyd, Auxiliary Labourer; front row, Don Cusorso, Auxiliary Labourer; John Dutton, Machine Operator 3; Magnus Turner, Machine Operator 3. Missing are Don Thompson, Machine Operator 7 and Gar Jones, Machine Operator 3.

RON MACK, Region 3 Highways Safety Officer at Nelson, has been chosen to head the executive of a newly reorganized St. John Ambulance branch which will serve Nelson and the Selkirk Health District. Ron, among other things, will teach first aid to the general public. He has drawn together medical, police, nursing and legal experts, including a coordinator for cardiac pulmonary resuscitation courses. A series of safety oriented first aid classes, home care nursing, health care for seniors and related training will be offered. In addition, the new branch, which had become inactive in the last 10 years, will maintain a list of trained first aid personnel to work with provincial emergency program people during floods, fires and other emergency situations. A drive to sell first aid kits and to acquire trainees is now under way in the district. Ron's community work, his interest in people and their welfare, and his dedication to such a worthy cause extends his value to his community above and beyond his job with the Ministry.

The 1980 Road Foreman's Conference for Region 2 was held in Salmon Arm on September 24 and 25. Mr. J. Gerhardt, Senior Road Foreman in Salmon Arm, chaired the meeting with 19 guests and 38 foremen in attendance. Guests from Victoria were P. B. MacCarthy, Director of Maintenance Services, and A. R. Limacher, Director of Personnel Programs. Shown here at the head table is J. E. Cote, Regional Safety Officer, Kamloops; D. C. MacVicar, Regional Maintenance Operations Manager, Kamloops; P. B. MacCarthy, Director Maintenance Services, Victoria; A. D. Rhodes, Foreman 2, Salmon Arm; J. Gerhardt, Senior Road Foreman, Salmon Arm; and R. W. Gittens, Regional Highway Engineer, Kamloops.

Phyllis Friesen, Stockperson 2, learning the functions of the "405 Terminal" which accepts all the information of the Maintenance Management System. Phyllis is presently undertaking the key punching of the mechanical side of the system. Standing to the left is Sharon Caryk, Office Assistant 2; Arnie Kraus, Maintenance Management Coordinator, and Arlene Johnson, Office Assistant 2. Both Sharon and Arlene are qualified operators of the machine which is located in the Merritt Highways District Office.

David Keir, Mechanic 2, Princeton, being presented his Certificate of Apprenticeship and Certificate of Qualification by Brian Hunter, District Highways Manager. Dave started his apprenticeship in Fort St. John, then moved to Peace Coupe, on completion of his apprenticeship was transferred to Princeton as a Journeyman Mechanic.
SCHOOL BUS INSPECTION

Left front spring leaf cracked, exhaust leak, left lower ball joints worn, rattle at right front wheel, brakes dragging. These are some of the shortcomings noted by Motor Vehicle Inspectors when checking school buses, and their care and thoroughness accounts for the relatively good record of safety in the areas under their jurisdiction.

Twice a year Senior Inspectors from the Motor Vehicle Inspection Division take to the road to inspect the 2,000 school buses in the Province operated by or under contract with boards of school trustees or other authority in charge of the school. If a bus passes inspection a permit is then issued to operate.

The Motor Vehicle Branch uses C.S.A. standards for construction and maintenance for school buses. These are high standards and more stringent than many of the other provinces, says Gerry Brown, Manager of the Inspection Division.

"These safety requirements plus the size and weight of the bus are the main reasons very few passengers are killed or injured," he adds.

Considering the large number of students travelling on these buses, the safety record speaks for itself. From April 1, 1978 to March 31, 1979, school buses were involved in 172 accidents of which 130 resulted in property damage only. None of these were the result of direct mechanical failure of the buses. Ten students and five persons other than students were slightly injured in 38 injury accidents. There were four fatalities involving school buses where passenger vehicle operators were killed on colliding with school buses.

In addition to school bus inspection, inspectors are often called upon to inspect buses belonging to church groups, colleges, special schools and other groups when in their area.

SUGGESTION AWARDS PROGRAM

The Ministry of Finance, Deregulation Program, is administering a new suggestion awards program for public service employees which is now in effect. The Government will pay cash awards up to a maximum of $500 for each adopted suggestion. The program provides an opportunity for employees to submit their ideas that may prove to be beneficial in terms of savings, expenditures and efficiency.

Suggestion award notice boards containing official suggestion forms are being erected at main assembly areas throughout the Province. Where notice boards are not available, suggestion forms can be obtained from supervisors. The policy and operating rules are also available from supervisors. Suggestions will be adjudicated by a suggestion awards committee comprised of directors and managers from several ministries.

Enquiries are to be directed to Mr. Mel Stern, Suggestion Awards Coordinator, Deregulation Program, Ministry of Finance, 1208 Wharf Street, Victoria, B.C. V8W 3B9, phone 387-1741, or the Ministry liaison contact, Mr. W. Boughey, Administrative Assistant to Deputy Minister, 940 Blanshard Street, Victoria, B.C. V8W 3E6, phone 387-3193.

The Kamloops Regional Landscape crew received a Bronze Certificate Award of Merit for 62,853 man hours without a loss time accident. The members of the crew are Sandy Hamer, Carmen Shannik, Roy Molett, Carl Yeske, Randy Graham, Steven Edger, Sam Pulver, Cecil Lutley, Brent Gagnon and Ewald Rueger.

On December 3, 1980, the McBride District Mechanical Staff was presented with a Bronze Safety Award for 36,878 consecutive man hours without a time loss accident. The members of the crew are Dave Gee, Pat Cousineau, Rick McGee, George Raabis, Joe Sivecki, Ron Goodell, Gordon Still, Willis Brackman, Randy Cashmore, and Ian Anderson.

ON THE JOB . . .
EXTRACURRICULAR ACTIVITIES

Ministry employees in Victoria participated in the "October Fitfest '80" organized by the employee fitness program section of the Ministry of Health and were successful in winning the perpetual trophy for the second year for the most participants achieving the required points in competition with 17 other ministries and crown corporations.

The competition was held during a three-week period in October when all provincial government employees in Victoria were encouraged to participate in some form of regular physical activity. Records were maintained by the employees and points were awarded for various physical activities. Each participant received a Canadian "Participation" pin at the completion of the program.

The Ministry donated a new perpetual branch fitness trophy which was won by the Highway Safety Branch and the executive and support staff who had 100% successful completion of the program.

This group from the Motor Vehicle Branch represented the respective sections of the Branch during the recent Fitfest '80 Participation Program. Although the Motor Vehicle Branch did not rate a first, there was good enthusiasm right to the top where Bob Whitlock, Superintendent, was presented with his "Fitness in Canada" logo pin upon completion of the program. Left to right, Jack Belanger, prime mover for the motor vehicles, and section representatives Mike Ferguson, Janet Willie, Teresa Graham, and Ed Zeichof. Teresa achieved 100 per cent in the financial responsibility section.

Eugene Bottle, Machine Operator and Patching Foreman in the Pouce Coupe foreman area of the Dawson Creek Highway District, preparing a field supper of rainbow trout on one of his fishing trips to Williston Lake.

Presentation of Government Fitness Trophy to the Ministry for the most successful Fitfest participants by Steve Duck, Director of Employees Fitness Program, Ministry of Health, left, to Bill Boughey, Ministry fitness coordinator.

Presentation of Branch Fitness Trophy by A. E. Rhodes, Assistant Deputy Minister, Administration, right to winning branch representatives, Brian Day, Highway Safety Branch, and May Fleming, Executive and Support Staff.

Bruce (Rusty) Stevens, Auxiliary Labourer, Quesnel District, with his model 5000 Paystar dump truck. Rusty has been building models for the past 15 years. He also builds crawler dozers and cars. It takes several kits to obtain the smaller details, such as axes, shovels, taxi lights, etc. Rusty has been with the Ministry 1½ years.
Some fine fish came out of Babine Lake at the first Burns Lake Fishing Derby. Left to right, Kevin Partington, Brian Chamberlain, Cecil Wiens and Don Hutton show their catches. The two trophies were donated by the Burns Lake bridge and mechanical crews.

LICENCE & DECALS—1980

Headquarters Equipment Services Branch staff members have been up to their calculators in licence plates and decals in 1980.

SANDRA BEAZLEY, Office Assistant, Contract Documents, could be a future movie star. Sandra was chosen to appear as an extra in the Phyllis Diller "Takeoff" special filmed recently in Victoria. The movie is a spoof on several well known shows and Sandra appears in 3 of the scenes. A graduate of a modelling agency in Victoria, Sandra has been modelling for the past 3 years and this is the first time she has ever acted.

LLOYD GILMORE, Region 5 Construction Branch Engineering Aide has a very interesting avocation—propagating orchids. When he moved to Terrace in 1978 he took some plants with him. He's been interested in plants for a long time but about 9 years ago focused his attention on orchids. He raises 2 specific types, the Lady Slipper (Paphiopedilum) and the Moth orchid (Phalaenopsis). The Lady Slipper orchid belongs to a group which lives in all temperate climates and Moth orchids are more exotic, growing mainly in Indo-China and Australia. According to Lloyd, orchids have long been considered the ultimate by flower fanciers.

Ken Fleming, who usually works on the Omneca Princess on Francois Lake, took low gross at the Region 5 golf tournament in Prince Rupert District. Ken is here showing off a "Tee" shirt received from Doug Lamb. In spite of the damp day (dry by Prince Rupert standards), a good day and evening was enjoyed by all the Region 5 people who attended.

Dominic Angelozi, Temporary Yardman, engaged in one of his duties—fueling units in the Cranbrook yard.

Among the duties of this group is licensing (plates and registration) all of the Ministry's active equipment and vehicles and seeing to it that decals are installed.

Licences and decals are treated in the same way as they are for the public's vehicles and this means filling out registrations received from another Ministry agency, the Motor Vehicle Branch.

This duty completed, the forms and decals are checked, then sorted out according to highway districts, the staff at headquarters did this twice in 1980—one in February and again in November, servicing a total of 10,000 licences within 8 months.

No overtime was involved and no complaints of mistakes were received.

The Equipment Services Branch just pitched in, worked over the registrations, a long complex computer list. made trips to and from the Motor Vehicle Branch delivering and collecting completed forms. photocopied every registration, sorted out new registrations and decals and finally, distributed the results to Mechanics Foremen in 37 districts.

The little group used surplus post office pigeon-holed cabinets for sorting.

In the middle of all this frantic activity, which does not include their regular duties, fate threw the staff one of those occasional curves.

On December 8, just as the second round of licence decals had been completed, they received the new "Universal Credit Cards" which eliminate the need for individual cards for each oil company.

As the old cards became obsolete on January 1, 1981 it was necessary to sort, check and distribute the new cards by that date—and they made it!
ON THE JOB . . .

This photo shows the recently completed outlet portal of the Haldich Creek diversion tunnel, 30 kilometres north of Revelstoke on Highway 23. The straight line tunnel is five metres wide by five metres high and 178 metres long. Its grade is 14.2%. Construction Branch Technician 2, Glen Rose, assisted by Dan Peters, Engineer-in-training, supervised the construction. The structure overhead is the Haldich Creek Bridge.

October 6th the rains continued to fall and the waters of the Bear River broke their normal channel and eroded .8 kilometre of the shoulder and approximately .2 kilometre of the new pavement to the centreline on Highway 37A to Stewart. An unloaded logging track was a casualty as the raging waters undermined the road. The expedient actions of the Stewart Road Crew with assistance of Cat Operators from Meziadin averted further damage as Cat Operator Frank Reynolds works his machine to close river dyke.

Construction of the new Yalakom bridge, replacing the old King Truss designed Yalakom bridge, approximately 38 kilometres north of Lillooet. The new bridge is being built using concrete pre-stressed stringers which will support the bridge from below the deck and will have wider and longer approaches thereby ensuring a longer lifespan. Total support of the old King Truss design is above the deck and the supporting beams can be dislodged by various forces. This project, under the direction of Bridge Foreman, Howard Ganner and design supervisor, Mac Godo, is being carried out by the Lillooet Highway District.
This was the scene at Summit Lake about 8 miles west of Revelstoke on the morning of November 12, 1980. These giant boulders came down onto the Trans-Canada Highway at approximately 4 a.m. A 980-C Cat loader was able to move most of the smaller rocks on the westbound lane allowing the road to be open to single lane traffic. A tank drill and a D-8 Cat were brought in to remove the larger rocks. The large boulder in the foreground sank into the roadbed almost one metre and was estimated to weigh approximately 200 tons.

Project B-0290, constructing Camp Creek bridge on the Kalum Lake Road in the Terrace District. Picture shows pouring concrete for the south cap. The height of the abutment required use of a crane to place the concrete. Shown are, left to right, Jim Robson, Bridge Foreman; Ron Baerg, Bridge Foreman; Denis Beaulac, Bridge Foreman; Jim Stephens, Labourer.

Larsen bridge, a 21.3-metre Queen truss over the Naven Creek south of Hixon on the Lake Creek Road in the Quesnel District, was destroyed when a wide, heavy D-8 Cat, complete with C-frame and blade, pony arch and winch crossed it November 13, last year. The Quesnel bridge crew had a 42.7-metre double single chord reinforced Bailey bridge in place and traffic over it within 4 days.

The old Nicola Avenue bridge, No. 6533, located in Merritt on Highway 8 was recently replaced with 24.4-metre box beam design bridge. The beams each weighed approximately 27 tons and were put in place with a 60-ton crane. All work was supervised and undertaken by the Merritt District bridge crew.

Project B-0290, nearly completed. Corrugated steel K-D plate ballast walls have been installed and have yet to be trimmed to match slope after abutments have been backfilled.

Project B-0331 in the Terrace District, Sockeye Creek bridge on the old Lakecity Lake Road under construction. MK 207.35 stringer are being placed on a timber pile, timber cap substructure. A 23-ton and a 16-ton crane were used to place the stringers.
ON THE JOB ...

The Gibson District maintenance crew under District Highways Manager Tucker Forsythe recently installed a 30-metre arched multi-plate culvert in Wakefield Creek at Highway 101 west of Sechelt. To reduce the time of traffic diversion the culvert pipe was assembled on a nearby side road. Baffles for fish migration were also installed in the pipe. The site was then excavated, the water diverted and the bed prepared for the culvert. Two cranes (45- and 65-ton capacity) were called in to carry the pipe to the site and lower it 6 metres to the creekbed. Because of the weight of the culvert pipe (approximately 16 tons) logs were placed in and on lowering it into place.

The timber trestle bridge on the McLennan River six kilometres west of Tete Jaune Cache on the old Tete Jaune Road has been replaced by a prestressed concrete box stringer bridge. Top, McBride District Highways Manager Arnold Willekes, left, and Assistant Bridge Foreman Dave McLean discussing the ins and outs of bridge construction on the old McLennan River bridge. The recently installed new bridge, just downstream from the old one, provides access to a sawmill, logging roads and several residents. The bridge in the background is a CNR crossing. Above, McBride District survey crew, left to right, Erna Warden, Fran Bosley and Duft Turner, trying to steady the boat in order to drive marking rods into the river bed while surveying for the new McLennan River bridge.

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Putting the temporary centreline down on Nicola Avenue. Bridge approaches, Merritt Highways District, left to right, Tom Armistage, Sigman, Susan Everitt, Engineering Aide 2, and Dean Loucks, Engineering Aide 1.
The Nechako River bridge was damaged by fire on July 23, 1980. Damage was restricted to the north pier and the ends of the two trusses. The wooden bridge consists of four Howe trusses each 30.5 metres long plus approach spans. The bridge, dividing Vanderhoof, provides access to the airport, the hospital and 1,000 residents on the north side of the river. The bridge was opened to traffic with a 15-ton load limit on July 25. The repairs were carried out on a round-the-clock basis by the Prince George and Vanderhoof District bridge crews. Major repairs were concluded on August 7. Top, fire in early stages, above, highway personnel inspecting damage.

John Lyons, Road Foreman 1 in the Terrace District, is shown inspecting his road reconstruction project on Johnson road. John, normally the Patching foreman, occasionally takes on a road building project.

Vic Martin, Assistant Shop Foreman, left, and Jack Whalley, Mechanic Welder, 100 Mile District, put finishing touches on a grader before returning it to service.
ON THE JOB

Members of the Geotechnical and Materials Branch drilling section engaged in instrument installation at the Annacis Crossing Site 3 stockpile location. Clockwise from bottom to left, Hans Shatz, Machine Operator; John Sumpter, Machine Operator; Wayne Sagle, Assistant Drilling Superintendent; Mike Smallwood, Diamond Drill Foreman. Retracting auger lengths in preparation for instrument installation.

Murray LaFavor, Mechanic 2, 100 Mile House District, gathers up his tools after pulling the steering wheel on a pickup in for a 10,000 check.

Stan Barton, Engineering Aide 3, right, and Cheryl Christianson, Engineering Aide 1, checking settlement of fill on approaches to Eagle Creek Bridge in 100 Mile House District.

The "swinging leads" mounted on a Byrnes Erie model 228 shovel were fabricated in the Quesnel District shop. This type of pile driver attachment allows greater control of piles, especially during the first few metres into the ground. Shown here working the equipment, left to right, are Cliff Schonke, Bridgeman 2, Lawrence Dierkens, Bridgeman; and Art Jasman, Mechanic Welder.
A special tank was built to facilitate additional storage of lignasulphonate dust layer in the Barriere Maintenance Yard, Kamloops District. The tank holds 3,600 litres (3,600 gallons). It was placed in a sump approximately one metre deep to aid in off-loading and this was lined with salvaged bridge timbers. Two rows of sand bags were placed around the perimeter for containment and safety. The total cost was $4,500.

Ken Good is Regional Supervisor, Commercial Transport Division in Region 3, an area which covers the Okanagan and part of the Fraser Canyon from Boston Bar north as far as Lac la Hache in the Cariboo. Shown in his Kelowna office he also supervises five weigh scales and four portables for a staff of 24. He is responsible for all revenue, buildings, vehicles, enforcement, industrial requirements, and public inquiries and he familiar with more than ten provincial and federal statutes.

The Chase road crew members, Salmon Arm District, are now the proud owners of a new shop. Shown here is the comparison of the old shop with the new one. The old building, constructed in 1940, was situated in the town of Chase. An office was added in 1967 with propane heat. The old building had 1,568 square feet compared to 6,600 square feet in the new one. From all reports the Chase road crew is quite happy with the new location on the Trans-Canada Highway and the facilities.

Regional Coordinator for the Motor Vehicle Branch in the Interior, responsible for coordinating and administering programs of the driver licence division, motor vehicle division and the motor vehicle inspection division. Art Jakeman is at his desk in Vernon. Art's duties are to ensure conformity with all related acts and regulations on the registration of vehicles, the rating and issuing of insurance certificates and licensing of drivers, conducting all types of driver's exams in conjunction with the driver's licence program, including licensing of driver training schools, driver training school operators and driver instructors. In addition he inspects and monitors all licensed or approved driver training facilities and programs within the Region, resolves complaints, and directs a large field staff of driver examiners and liaises with motor vehicle appointed agents, enforcement officials and government agencies.

Jack Johnston, Weighmaster, Kamloops South scale, has the task of checking and weighing commercial vehicles over 5,500 kg and including everything from single axles, tandem axles, tandems with trailers, dump trucks with three axles, farm vehicles and all sorts of earth-moving equipment and log loaders. Here a truck rolls through. Jack directs it to the right spot. He then sells the driver a permit, or can charge the operator for an overweight load or some other violation. To perform this role, Jack has to be familiar with all relevant acts and regulations.

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ON THE JOB . . .

The clearing and reshaping of roadside ditches is a full-time job from spring to freeze-up and the Salmon Arm District is no exception, using its own Gradal and normally a rented one full-time. Behind the controls of the Ministry Gradal is George Wilson, Machine Operator 7, and in the 4-ton is Jake Bosshardt. Holding the flag paddle is Debbie Thompson one of the District flagpersons who works as a seasonal auxiliary employee.

Left to right, Darcy Oman, Engineering Aide 3; John Currie, Engineering Aide 2; and Dennis Walker, Engineering Aide 2, stop for a R.R. & C. picture in the midst of tying detour at end of Construction Branch Bridge Project C-3940 to centreline of existing Highway 23, north of Revelstoke.

It's back to basics at Port Simpson, Prince Rupert District. The crew headed by Barry Helin have been maintaining the roads for 6 to 8 weeks of the year for nearly 12 years. A special arrangement is worked out with the Village of Port Simpson to occasionally use a track and backhoe or cut on the really heavy projects but mainly the work is done by hand and consists of brushing, ditch cleaning, filling potholes and minor widening. They are, right to left, Barry Helin, Foreman; R. Dudoward, D. Crosby, R. Hughes and W. Moraes, Labourers. The work party is made up primarily of full-time fishermen who work for the Ministry in their off season.

Gerry Friesen, Machine Operator and temporary Road Foreman in the Quesnel District, is shown here with a folding sign stand he designed. The stands are made of 1 inch square tubing. They are 36 inches high and 20 inches wide. Using a chain to control spread at the bottom allows the stands to fold flat for easy transporting. Gerry says the stands resist blow-down when used in high volume traffic areas.

Cranbrook District roads crew pulvi-mixing on a minor betterment project south of the city. J. L. Starritt, Machine Operator 7, operates grader in background and A. W. Huolt, Foreman 2, inspects before giving the go ahead.

Stan Phillips, Mechanic in the Quesnel Highway District is in charge of the McLoose Lake Shop, a satellite of the Quesnel shop. Stan has 12 pieces of equipment to maintain. He is shown here during one of the preventive maintenance checks he does on a regular basis.
Char lie Lessard, Construc tion Branch Supervisor was oper­ating this Bombardier AATV (almost all-terrain vehicle) on the clearing and grubbing project C-4501, Ridley Access Road, Prince Rupert, when it bogged down. A "Cat" with a long line was re­quired to retrieve it.

Chuck Sallenback, Machine Operator 7 and Temporary Con­struction Foreman, inspects a small slide on the Old Lulke­lise Lake Road in Terrace District. The road is presently under extensive reconstruction to accommodate the increasing subdivision traffic.
PORT MANN WEIGH SCALES UPGRADED

When the upgrading of facilities at the 2 Port Mann Freeway scales are completed, many of the problems caused by an increase in commercial traffic volume in and out of Vancouver, will have been alleviated, according to John McDicken, Manager of the Commercial Transport Division of the Motor Vehicle Branch.

The Highways Department is currently expanding the entrance, exit, and parking area at the Port Mann westbound weigh scale, and the building at the Port Mann eastbound weigh scale has already been renovated to alleviate office congestion and improve working conditions. Plans to extend the yard area are also under review.

Mr. McDicken explained that vehicles often have to slow down or stop on the highways because of congestion in the weigh scale yards, and when this happens the Weighmaster has to switch on the weigh scale "closed" sign which allows commercial vehicles to bypass the yard area until the congestion is removed.

He noted that much of the traffic increase can be attributed to the extension of Highway 15 from the south to join up with Highway 1 which provides a more direct route for the trucks between Vancouver and the United States.

He says that the problem is compounded because more mechanical inspections are taking place at weigh scales and that in the future both load security and the monitoring of dangerous goods will become responsibilities of weigh scale operations.

During the fiscal year 1978/79 there were 166,000 vehicles checked over the Port Mann eastbound scale and the following fiscal year saw a vehicle count of 188,000 for an increase of approximately 13%.

Port Mann eastbound scale showing new windows for improved vision.

PETE PRENTICE, DRIVER EXAMINER, KELOWNA, INTERVIEWS A PROSPECTIVE DRIVER. AS WELL AS THE ROAD TEST, PETE IS TRAINED TO CONDUCT VISUAL SCREENING, TEST FOR HEARING AND GENERAL PHYSICAL HEALTH, ALSO HE IS GIVEN COURSES IN OFFICE PROCEDURES, PUBLIC RELATIONS, PUBLIC SPEAKING. WHEN IT COMES TO VEHICLES HE IS TAUGHT TO OPERATE BUSES, MOTORCYCLES, SEMI-TRAILER UNITS AND HE MUST EVEN TAKE TRAINING SESSIONS AND CLASSROOM, IT TAKES A YEAR FOR A TRAINEE DRIVER EXAMINER TO QUALIFY.

WINTER DRIVING TIPS

(From Gerry Brown, Manager Motor Vehicle Inspection Division.)

1. When installing your snow tires (providing they are the same size), they should be inflated 3-4 psi (21-28 kPa) above the recommended pressure shown for your vehicle. However, the maximum pressure as shown on the sidewall of the tire should not be exceeded.

2. Always use a good quality valve cap with a rubber seal. A valve cap provides the final air seal which is more efficient than a core seal. It also protects the valve core from moisture and dirt which could cause a leakage of air.

3. Always check your tire pressures when tires are cold, i.e. before you leave in the morning. Do not check tire pressures in your heated garage, you could be 10 psi underinflated just by driving out of your heated garage, depending on outside temperature. Rule of Thumb: For each 4.5 degrees Centigrade drop in temperature, you lose 1 psi.

4. Do not spin a tire if you are in snow or on ice. By virtue of the differential in your car (if it does not have positive traction) the one wheel spinning will reach a speed twice of what your speedometer indicates. This means that if your speedometer is showing 100 km/h, the spinning wheel is reaching speeds up to 200 km/h.

As most tires are speed rated for speeds under 160 km/h, this excessive rotation speed can create a centrifugal force strong enough to tear the tire apart by rotating mass only. When a tire flies apart on a rear axle position you have a good chance of explosion when the gas tank is ruptured. In a front axle position your windshield could be broken with resulting injury to you and your passengers.

Studding of winter tires for passenger cars in B.C.:
Studded tires can be legally used in British Columbia only from October 21st in one year to April 30th of the next year.

Studded Tires—Sec. 19.03—19.03B

Regulations

If rear tires are studded, studs are not required on front wheels. If front tires are studded, each rear wheel must have at least one studded tire.

Studs:
130 studs per tire only if under 4600 kg GVW,
175 studs per tire only if over 4600 kg GVW.

You will find that most winter tires for North American cars will accommodate in excess of 130 studs.

If you must use studs consider the area you live in. Studs are most effective when the outside temperature is 0 degrees Centigrade, with performance falling off as temperature decreases. Ice is most slippery at its melting point due to the surface of the ice being in a liquid state, which acts as a lubricant between the tire/ice surface. Studded tires are only effective on a solid ice surface at around 0 degrees Centigrade at limited speeds.

Studded tires in any other condition are potentially dangerous for the average driver and require careful attention to the speed, braking and handling of the car.

Studded tires do not last as long as non-studded tires due to damage to treads from the studs, deterioration of tread rubber from water and salt entering the stud holes and possibly penetrations to the tire cords.

Consider restricting the number of studs installed to improve handling with studded tires.