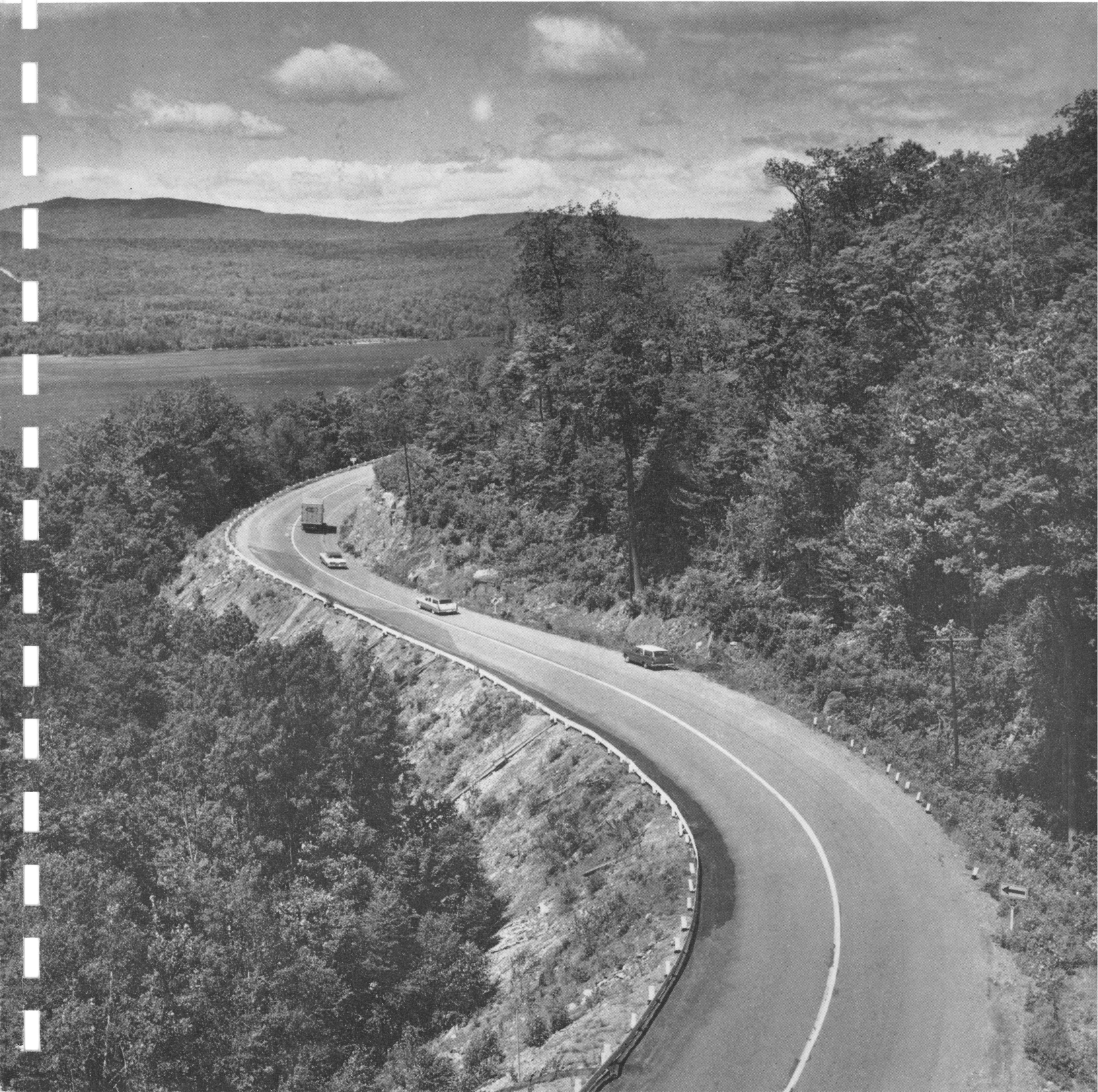


Maine

Highway News

SEPTEMBER, 1958



Maine Highway News

Published monthly by and for employees of the Maine State Highway Commission to serve as a medium for disseminating departmental news and educational information.

Mail all correspondence to MAINE HIGHWAY NEWS, Special Services Division, State Highway Commission, Augusta, Maine.

Volume 1 SEPTEMBER, 1958 Number 11

HIGHWAY CONSTRUCTION HITS ALL-TIME HIGH

Interstate and Emergency "D" programs really moved into high gear during the summer months. This, plus the regular construction programs, caused highway and bridge construction to hit an all-time high as we went to press on August 15th. At that time the State Highway Commission had 96 State and Federal-aid projects under various stages of construction. The total estimated cost, including construction, right of way and engineering, amounts to: Primary System, \$9,421,543.; Secondary System, \$6,654,710.; Urban System, \$3,881,780.; Interstate System, \$20,355,060.; State Bridge Act, \$476,724.; Federal Access Road, \$38,800.; State Projects, \$65,000.—a grand total of \$40,893,617. Listed below are the 32 bridge projects, 1 slope improvement project and 63 highway and combination highway-bridge projects totaling 156 miles.

TOWN	ROUTE	DESCRIPTION	EST. TOTAL COST
Acton and Berwick	—	Parsonage and Webster Bridges	26,536
Abbott	Me 15	1.967 miles highway	263,500
Andover North Surplus	—	Gibbs Bridge	12,780
Atkinson and Charleston	—	Gilbert Mill Bridge	19,536
Auburn	US 202	2.453 mi. hwy. & br.	819,290
Auburn	US 202	0.61 mile highway	652,200
Auburn	US 202	1.326 miles highway	503,900
Auburn	Me 121	2.26 miles highway	827,400
Augusta	Me 9	0.306 mile highway	91,100
Augusta-Chelsea	Me 9	1.934 miles highway	277,000
Augusta	Int 95	Bond Bk. Br.	621,000
Augusta	Int 95	1.978 miles highway	855,000
Augusta	Int 95	0.692 mi. hwy. & interch.	530,200
Augusta	Int 95	0.777 mi. hwy. & interch.	1,024,900
Baldwin	Me 5-113	2.569 mi. hwy. & br.	331,000
Bangor	Int 95	Main St. Interchange	767,200
Bangor	Int 95	2.478 mi. hwy. & 3 brs.	3,788,000
Bangor	Int 95	.616 mi. hwy. & br.	580,700
Bangor	Int 95	.365 mi. hwy. & 2 brs.	1,313,400
Bangor	Int 95	Overpass at Broadway	512,340
Bangor	Int 95	1.562 mi. hwy. & 2 brs.	2,137,600
Bath	US 1	Bridge widening and approach	1,619,580
Biddeford	Me 9	Emmons Bridge	32,255
Biddeford	Me 9	2.494 mi. hwy. & br.	423,000
Brewer	Me 9	0.915 mile of highway	187,600
Brewer	Me 9	2.084 miles highway	490,000
Cary-Amity	US 1	7.23 miles paving	65,000
Cherryfield	Me 182	0.766 mile highway	164,600
Cumberland-Yarmouth	Int 95	2.086 mi. hwy. & overp.	1,312,250
Dyer Brook	US 2	2.663 miles highway	300,600
Edgcomb-Newcastle	US 1	2.174 mi. hwy. & br.	814,000
Ellsworth	—	Branch Pond Bridge	44,614
Ellsworth	230	Cards Brook Bridge #2	316,470
Falmouth	Int 95	Johnson Road Overpass	1,219,300
Falmouth-Cumberland	Int 95	2.330 miles highway	526,800
Farmington	US 2	4.278 miles highway	242,200
Farmington-New Sharon	US 2	9.051 miles paving	1,005,800
Farmington-New Sharon	US 2	4.863 mi. hwy. & br.	352,400
Fort Fairfield	US 1	2.723 miles highway	190,000
Gorham-Standish	Me 25	4.352 miles highway	119,000
Gray	Me 26	0.701 mile highway	321,800
Grand Isle	US 1	3.683 miles highway	229,060
Greenville-Harford Point-Little Squaw	Me 15	1.825 miles highway	4,400
Greenwood	Me 219	Morgan Brook Bridge	242,000
Hamlin-Caswell	Me 165	2.68 miles highway	465,000
Hampden	US 202	4.168 miles highway	463,800
Hanover	US 2	4.199 miles highway	333,600
Hartford-Livermore-Canton	Me 108	2.187 miles highway	10,400
Hartland	—	Rapid Brook Bridge	487,800
Hiram-Brownfield	Me 5-113	5.349 mi. hwy. & 2 brs.	250,000
Hope-Rockport	Me 17	1.491 miles highway	242,225
Jonesboro	US 1	3.160 miles highway	

Lebanon and South Berwick	—	Powder Mill Bridge	54,000
Limerick	—	Salmon Falls Bridge	11,800
Lincoln	Me 6	Yo-Ho Bridge	382,700
Lincolntonville	Me 137	McKinney Bridge	11,000
Livermore-Livermore Falls	Me 4	Androscooggin River Bridge	547,250
Meddybemps-Baring	Me 191	2.415 miles highway	225,500
Medway	Me 157	2.90 miles highway	327,000
Milford	—	Big Birch Bridge	16,516
Milford-Greenbush	US 2	6.475 miles highway	539,180
Newfield-Limerick	Me 11	2.747 mi. hwy. & br.	240,000
New Sweden-Stockholm	Me 161	3.605 mi. hwy. & br.	466,500
Norridgewock	US 201-A	3.372 miles highway	340,000
Norridgewock-Madison	US 201-A	3.480 miles slope work	25,000
Palmyra	US 2	2.338 miles highway	222,300
Parkman	Me 150	0.398 mi. hwy. & br.	87,600
Perham	—	0.72 mile highway	38,800
Portland	Int 95	Tukey's Bridge	2,996,000
Raymond-Casco-Naples	US 302	6.326 mi. hwy. & br.	848,100
Rockport	US 1	2.385 miles highway	477,700
Rockport	US 1	1.374 miles highway	282,400
Saco	Me 5	2.784 miles highway	241,500
Sidney	Int 95	2.443 miles highway	789,000
Sidney	Int 95	1.932 miles highway	602,700
Sidney	Int 95	Drummond Road Overpass	108,100
Sidney	Int 95	Town Farm Road Overpass	184,000
Sidney-Waterville	Int 95	2.008 miles highway	582,000
Skowhegan	US 2	0.58 miles highway	100,500
Stockton Spgs.-Prospect	US 1-A	2.893 miles highway	301,600
Topsham	Me 196	Little River Bridge	96,600
Trenton	Me 3	0.786 mi. hwy. & br.	478,098
Union	Me 131	South Union Bridge	40,700
Waldoboro	—	Stratton Corner Bridge	15,800
Waterville	Int 95	Trafton Road Overpass	114,900
Webster-Wales	126	3.427 miles highway	280,000
Wilton	US 2	Grist Mill Bridge	64,099
Windsor-Whitefield	Me 17	2.995 miles highway	373,850
Van Buren	—	St. Mary's Bridge	15,688

RECENT CONTRACT AWARDS

JULY 16, 1958

ABBOTT — ROUTE 15 — F.A.P. No. F-037-1(8)
1.967 Miles Bituminous Concrete Road
A. P. Wyman, Inc., Waterville, Maine—\$226,672.60
Albert Bishop, Resident Engineer

HOPE-ROCKPORT — ROUTE 17 — F.A.S. No. S-0205(9)
1.491 Miles Bituminous Concrete Road
George C. Hall, Rockland, Maine—\$215,169.25
Ralph Stevens, Resident Engineer

ATKINSON — GILBERT MILL BRIDGE — S.P. No. 5752
CHARLESTON — PAINE BRIDGE — S.P. No. 5251
J. E. McEachern & Co., Greenville Jct., Me.—\$17,760.00
E. Vincent Smith, Resident Engineer

ELLSWORTH — BRANCH POND BRIDGE — S.P. No. 3139
ELLSWORTH — CARDS BROOK BRIDGE No. 2 — S.P. No. 5565
Hurd & Susi, Inc., Pittsfield, Maine—\$40,613.00
Frank Foster, Resident Engineer

MILFORD — BIG BIRCH BRIDGE — S.P. No. 2070
Joseph Frost & Company, Pittsfield, Maine—\$15,015.50
John Hicks, Resident Engineer

JULY 23, 1958

WATERVILLE — INT. 95 — TRAFTON RD. BRIDGE—F.A.P. No. I-95-6(16)
Cianchette Brothers, Inc., Pittsfield, Maine—\$123,506.20
Harold D. Hersum, Resident Engineer

GRAY — U. S. 202 — F.A.P. No. DF-016-1(1)
0.701 Mile Bituminous Concrete Road
Frank Rossi, Gardiner, Maine—\$103,180.00
Ralph LeBlanc, Resident Engineer

GORHAM-STANDISH—ROUTE 25—F.A.P. Nos. DF-012-1(1) and DF-012-1(2)
4.352 Miles Bituminous Concrete Road (Four sections)
Northeastern Paving Corporation, Westbrook, Maine—\$109,697.50
Richard Stanley, Resident Engineer

LIVERMORE-HARTFORD-CANTON—ROUTE 108—F.A.P. No. F-022-1(4)
2.817 Miles Bituminous Concrete Road
Frank Rossi, Gardiner, Maine—\$290,371.00
H. H. York, Resident Engineer

JULY 30, 1958

BANGOR — INT. 95 — F.A.P. Nos. I-95-8(17) and I-95-8(5)179
0.616 Mile Grading, Drainage and Bridge Project
J. R. Cianchette, Pittsfield, Maine—\$397,717.50
Robert Foster, Resident Engineer

WEBSTER-WALES — ROUTE 126 — F.A.S. No. S-0153(4)
3.427 Miles Bituminous Concrete Road (Stage Construction)
H. E. Sargent, Inc., Stillwater, Maine—\$222,458.70
Norman Levesque, Resident Engineer

LINCOLN — ROUTE 6 — F.A.S. No. S-0311(3)
3.466 Miles Bituminous Concrete Road
Thomas DiCenzo, Calais, Maine—\$327,907.00
Dan Foley, Resident Engineer

HAMLIN-CASWELL — ROUTE 165 — F.A.S. No. S-0332(9)
2.676 Miles Surface Treated Gravel (Mulch) Road
The Bridge Construction Corp., Augusta, Maine—\$189,191.40
Eric Nadeau, Resident Engineer

ANDOVER NORTH SURPLUS — GIBBS BRIDGE — S.P. No. 5579
Anthony J. Rosato, Rumford, Maine—\$11,621.75
Frank Fortier, Resident Engineer

GREENWOOD — MORGAN BROOK BRIDGE No. 2 — S.P. No. 3381
Anthony J. Rosato, Rumford, Maine—\$3,993.00
Frank Fortier, Resident Engineer

HARTLAND — RAPID BROOK BRIDGE — S.P. No. 5758
Guy J. Thibodeau, Levant, Maine — \$9,440.50

MANAGEMENT TRAINING COURSE BEGINS

The SHC is sponsoring a highway management training program in cooperation with the National Management Training Advisory Committee of the American Association of State Highway Officials and the National Users Conference.

The program is a ten week course the first week of which was a seminar for a group of 20 engineers. The session was held in Augusta the week of August 18-22. Further on the job training will be on an individual basis for 9 weeks over a period of one year.

During this period participants will work with, and receive instruction from the several Department Division heads.

The seminar was conducted by Professor O. D. Turner, head of the Department of Business Administration, University of Wyoming and Assistant conference leader, Professor John K. Horner, Department of Business, Economics and Sociology, University of Maine.

Panelists included: Professor George K. Manlove, College of Arts and Sciences, University of Maine; Roy E. Jorgenson, Engineering Counsel National Highway Users Conference; R. T. Bete, Research and Development Engineer, Goodyear Tire and Rubber Company; and David H. Stevens, Chairman, Maine State Highway Commission.

The purpose of the Highway Training Course is to train and develop engineering personnel for administrative positions that may occur in the Department due to retirement, expansion or establishment of new divisions within the next several years.

Participants include: John Butts, Merton Brackett, Carl Brooks, John Dunn, Ralph Dunbar, Dewey Gray, William Harris, Norman Jose, George Luce, Irving Maynard, Philip Mollicone, David Rand, Roger Sargent, Allen Smith, Ralph Stevens, Robert Schmidtman, Martin Rissel, Clayton McDougal, Norman Worthing and Robert Shailer.

EVERYBODY LOSES WHEN YOU HAVE AN ACCIDENT

George Murphy, Safety Director, announces that the greatest number of accidents lately seem to be caused by slips and falls (sprained ankles, knee injuries); sprains and strains from lifting too much—the wrong way; and cuts and lacerations from careless or unskilled handling of axes and machette.

Mr. Murphy suggests the men use an ounce more of care when they're on unfamiliar ground. Look before you step. Check the area for rocks, holes—watch your footing at all times.

When the men lift heavy weights, they should remember their first aid courses. And if they don't know the proper way to lift an object, find out from someone who does.

Members of survey crews are asked to make sure they know how to handle an axe or machette. The user can cause himself or others serious injury if he lacks the skill to control these tools.

Always be careful. Remember: Everybody loses when you have an accident.



SAFETY FIRST is the motto of the members of the Motor Transport Division at Caribou. The occasion for the above gathering was an award dinner to celebrate their safety record during the past year. None of the men of the Caribou Garage had lost time during that period of time because of an on-the-job accident. The dinner was given at the Log Cabin Restaurant in Caribou. Shown in the picture from left to right are: (sitting) Elmer J. Fitz, Leo Paradis, Forest King, Felix St. Peter, Kenneth Scott, Alton Purvis and Kenneth Gordon. (standing) Clifford Estabrook, Theodore Gardiner, Harold Dickerson, Roy Pelkey, Herbert Cochran, Keith Neilander, Raleigh Adams, Charles Robbins, John Margerson, Ernest Fortin, Harry Lallowell, Dale Harris, Ernest Libby and Glenwood McDougall.

SCHOOL BELLS RING FOR MANY OF OUR SUMMER HELP

Every summer about a thousand names are added to the Department's payroll as summer activities demand more personnel. They work in every division at all kinds of jobs from maintenance to map making, from tarring to traffic studies.

About a hundred of our summer help are college students. For example, many of the young men the motorist sees along our highways—the loadometer crew, the crew checking origin and destination, the survey crews, are young men working their way through college.

A motorist could guess the polite gentleman who interviewed him at one stop might be a permanent employee of the SHD, but he'd be wrong. He would be Planning Assistant, Walter Perkins, who is principal of the Lou Buker School in Augusta; Clement Nickerson, principal of a school in Moscow, or Stanley Brown, teacher at Nasson College in Springvale. Their crew would be made up of Planning Aides: Thomas Fowler, teacher at Gardiner High; Colby students Frank Wallace and David Taylor; Bowdoin student Paul Lambert; and Dennis Clifford and Robert Locke. About 17 more men were hired for two or three weeks this summer doing traffic studies beginning at Houlton and working the length of Maine to Kittery.

The traffic study figures are brought back to the Augusta office into the Traffic and Planning Division where other seasonal help process them. For example, Jean W. White, who expects to study at the Maine Medical Center this fall, might total the figures on loadometer reports. Jean Kenney, who is from Litchfield and attends Gordon College in Massachusetts, might assign code numbers to the data which is then punched on IBM cards.

Origin and destination reports might be handled by Mrs. Dorothy J. Shaw who taught third and fourth grades last year in Farmingdale, and who will teach next year at Orono while her husband, Leon, begins his studies at the U. of M. toward an engineering degree.

Dionisia Constantine, a graduate of Tufts, who is going to teach next year, might total traffic counts as part of her assignment.

Two of the girls work on maps. They convert the data from a road inventory into symbols which they ink on a map. Betty Drum will be a senior at Bates College next year; Elizabeth Thamarus is attending the University of Rochester.

There are about 85 young men employed as Engineering Aides I and II this summer. Some are out of high school, some graduates of vocational training schools, and many college students. For example, in the Bridge Division alone, there are four U. of M. students: Robert K. Barton comes from Waterville; George H. Gardiner, Jr., from Bangor; Alan Ellingwood is from Dixfield and Wendell Blanchard from Waldoboro.

Seasonal work in many cases leads to permanent employment especially in the case of our engineers. For example, eleven graduates of the U. of M. were hired this June, eight of them had worked summer vacations for the Department. Several of the men had become permanent employees while still in college, then taken a leave of absence to complete their education. June '58 graduates include Francis S. Prue of Bangor, Walter Hendrickson, Jr., of South Portland, Paul Theberge of Fall River, Massachusetts, Albert Godfrey of Winthrop, and David Ober of Kennebunk with the Primary Division; Roger Maller of Waterville, Paul Tibbets of Hallowell, John S. McCormick of Rockland and William C. Johnson of South Windham are with the Secondary Division; Robert J. Desjardins from Great Works, Howard L. Dority from Camden and Theodore Karasopoulos from Salonika, Greece are in the Bridge Division. All are U. of M. graduates except Karasopoulos who graduated from the University of Connecticut.

And so farewell to our summer help, many of whom are going back to schools and colleges this month. So long until next June.

TESTING FOR BETTER ROADS AND BRIDGES



A 92,000 POUND SQUEEZE cracks a concrete cylinder sample in a compression test. Alpheus C. Lyon, Jr., Associate Engineer at the Maine Technology Experiment Station, is at the control panel of the big universal hydraulic testing machine. This particular sample of concrete is from a cap on a pier of the box girder type bridge being built to carry the Interstate highway over the Kenduskeag Stream in Bangor.

If you would like to see an attractive young lady crack a column of concrete with a machine two stories high—all with literally a flick of a finger—then pay a visit to the Highway Testing Laboratory (part of the Maine Technology Testing Laboratory) at the University of Maine.

This rather spectacular demonstration could happen almost any day in the week in the materials testing lab in the basement of Boardman Hall; the soils testing lab is diagonally across the campus back toward the library.

The young lady who performs so dexterously and ruinously is Miss Ann Keyo, assistant chemist at the lab, who works under the supervision of Horace A. Pratt, Testing Engineer (secretary of the M.T.T.L.).

Actually the concrete cracking in the big universal testing machine is done more as part of the daily work of Alpheus C. Lyon, Jr., Associate Engineer at the lab, and it's more accurately called a compression test. Ann also uses the giant hydraulic press but for tests on smaller quantities. She might, for example, measure the stability of a sample of bituminous concrete with the help of Ralph L. Hodgkins, laboratory assistant. In this test a cylinder of the material is used about 4 inches in diameter 4 inches in length. It is placed in a metal container at 140 degrees F. with a device that measures any expansion that might occur. The cylinder is then placed in the big press so that a pressure of a certain amount, (6,000 pounds for example), is exerted squeezing it top and bottom. If the sample were a liquid the force exerted on both ends would equal the force trying to expand outwards. If it were a perfectly stable solid there would be no resultant horizontal force. All materials "give" a little however, if you exert

enough pressure on them, (the big press can exert a downward pressure of 200 tons); and all materials give a little before they break. It is this "give" or displacement that is measured in the stability test.

The compression test is more dramatic. A cylinder of concrete is used 6 inches in diameter 12 inches long.

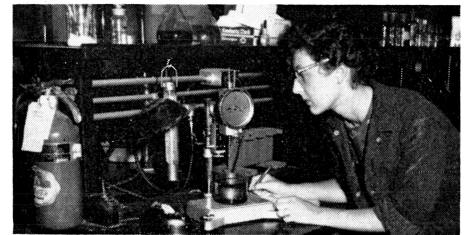
The concrete samples are stored in a room at the lab in a humidity that resembles the rainy season on the shores of the Lingayen Gulf—practically 95 percent. The temperature isn't so bad—a summery 75 degrees.

Cement is molded in different forms for other kinds of testing. Small hour glass shaped forms are used to test the tensile strength — different brands of cement are mixed with the same grade of quartz sand. The ends of the sample are then gripped by a machine that tries to pull the chunk of cement apart. From the amount of pull needed the tensile strength is determined.

Tests have been going on for years in continuous research to find the formula for more durable concrete. One of the tests involves a freezing and thawing cycle. A concrete beam 7" x 4" x 3" is alternately frozen in the big deep freeze, then thawed in the storage room. Once each cycle it is placed on a machine that measures its "natural" frequency. After so many treatments the beam breaks down internally. Allan Tracy is the student engaged in this particular bit of research at the lab. The present program is under the supervision of Andrew Adams, Research Engineer in the Plan-

ning Division. For years Andy Adams has been engaged in concrete durability tests throughout the State of Maine. For example, one phase of the work has been to test over 800 bridges in the state with a Swiss hammer and correlate the results. This work began in 1957. The lab work began in 1950.

Another important test that helps engineers build better roads has to do with the wearing quality of gravel. In general this device consists of a steel drum and heavy steel balls 3 inches in diameter—it is called a Los Angeles abrasion machine. The experimenter weighs out so many grams of gravel of a certain size. He places gravel and steel balls in the machine, runs the machine for a predetermined length of time, then sepa-



PENETRATION TEST of asphalt sample is being conducted in the Bituminous Lab by Ann Keyo, Assistant Chemist. Test is made by placing the point of a needle, weighing 100 grams, on the asphalt and reading the depth of penetration from the dial after a predetermined interval of time.



LAB STAFF gets together for a group portrait on steps of Boardman Hall, University of Maine. Top row from left to right: Chandler Crocker, Robert Vincent, Horace A. Pratt, Testing Engineer; Alpheus C. Lyon, Jr., Associate Engineer; bottom row: Ann Keyo, Assistant Chemist; Henry Lunn, Ralph L. Hodgkins, Allan Tracy, and office secretary, Arlene Tripp.

rates the dust from the mass left. The more dust the less rugged the gravel.

Continuous research at the University of Maine testing lab is made possible through the joint support and effort of the State Highway Department, the Federal Government and the University. There is only one goal: to find the best and strongest materials to build our roads and bridges.



SAMPLE TRAFFIC STRIPES being painted on the testing lab apparatus that will show the wearing qualities of this particular brand of paint. Ralph L. Hodgkins, lab assistant, applies the paint. As table turns the truck wheel, set at a skid angle, is lowered to touch the table; counter in center clocks the number of turns it takes to wear away the paint—the more turns the more rugged the paint.

RETIREMENTS

GERALD C. WELCH, Civil Engineer 1 in Bridge Division, recently retired at the age of 70. He began work in 1932 as Concrete Inspector, became Resident Engineer in 1936; Assistant Manager, Planning Survey, 1937; Inspector in 1940; Senior Engineer in 1941 and Civil Engineer in 1951.

COVER

Looking north along U. S. Route 201 where the highway curves picturesquely overlooking Wyman Lake. When the leaves begin to turn this is one of the most colorful drives in the State. This particular stretch of road is part of a 13 mile project using State forces and betterment funds. Reconstruction of the road was started in May, 1952, and consisted of grading, drainage and base. W. H. Hinman, Inc., of North Anson finished the paving in November, 1953, at a cost of \$191,659. The Resident Engineer was Chester Worthylake; the Superintendent for the State was Elwin "Slim" Weeks. The project was Maintenance Project 989 Bingham, Moscow and Caratunk.

SHC MOVES TO PRESERVE INDIAN RELICS

The SHC announces that it has employed Mr. Wendell S. Hadlock, Director of the Farnsworth Museum in Rockland, as a consultant on the possible location of Indian relics.

Mr. Hadlock will examine certain areas of construction in their initial stages of construction where it is known that ancient campsites existed. He will also survey gravel deposits in the locations where burial grounds are likely to occur.

The first indication of such camp villages and burial grounds will be the appearance of the bones of their dead and implements such as arrowheads, spear points and axes.

A memo from Chairman David H. Stevens announcing the appointment of Mr. Hadlock also points out the importance of preserving this evidence of the ancient history of our Maine Indians.

Mr. Stevens says, "Even though these surveys are to be made by Mr. Hadlock, it is very probable that certain areas of construction will disturb burial and campsites hitherto unknown. In the event that evidence of such a deposit is encountered during the process of any excavation work, all activities that would cause a disturbance to any object of archaeological interest shall immediately cease and will not be resumed until an investigation of the deposit has been completed and the removal of articles of interest has been accomplished. Mr. Hadlock may be contacted directly at the Farnsworth Museum, Rockland (phone Rockland 1207) or through the Planning and Traffic Division, Augusta.

YOU NAME IT AND YOU CAN HAVE IT



CAN YOU NAME IT? If you can and send us a card with the earliest postmark, we will send you an 8x10 original print of this reproduction. Send your answer to: Maine Highway News, Division of Special Services, State Office Building, Augusta, Maine.

The last picture used was of the wire suspension bridge in New Portland over the Carrabasset River. The winner was Kenneth B. Krah, Waldoboro, Maine.

OBITUARIES

HARRISON M. HUNT, Highway Patrolman in Division 7, died July 17th after fifteen years of service. He was 69. He will be missed by his many co-workers.

AROUND THE AUGUSTA OFFICE

MAIN OFFICE

Gertrude Lunt

On the evening of July 16, 1958, David H. Stevens, Chairman, Commissioner R. Leon Williams and Chief Engineer Vaughan M. Daggett attended a meeting of the Brewer Kiwanis Club, at which meeting Mr. Stevens was a speaker.

The members of the State Highway Commission attended Joint Board hearings in Cumberland and Sagadahoc Counties on July 22nd and in Cumberland County on the 24th and 25th.

Chairman David H. Stevens, Commissioner, and Mrs. Perry S. Furbush, and Chief Engineer Vaughan M. Daggett attended the ceremonies for the opening of Jonesport-Beals Bridge on Saturday, August 9th.

TRAFFIC

Eleanor King

I am sure that everyone read and enjoyed the interesting article in last month's magazine about our very fine striping crew. We do think, however, that the boys held out a little on the press. There's at least one story that wasn't told that might be of interest to our Readers. Take the matter of driving our paint truck down the road while the stripes go down, dashed white and solid yellow.

Looks easy, doesn't it? Just line up the center seam in your adhesive tape sights on the windshield and fire away.

T'ain't true t'all. It's a regular art and it takes skill and practice.

But you have to break in a new man sometime. So by now the users on Route 27 in the vicinity of Belgrade know where our new man began learning the art of drawing 10 mile an hour dashed lines with a paint truck.

P.S. You've got to start someplace. And that's the place he started all right. We sure can't keep any secrets in this Division.

STATE AID

Josephine Whalen

Miss Simonne Chretien, who was employed in our division for two weeks, has accepted employment in Livermore Falls where her home is. While she enjoyed her brief stay, and liked her work, she decided that commuting from Livermore Falls, particularly during the winter, would be both difficult and expensive, and since the local position was more remunerative, accepted it. We suspicion that her future career is bent more on home making than accounting and stenography.

Miss June McLaughlin has replaced Simonne, and since the commuting prob-

lem from Randolph, where her home is, will not have to be considered, and also since she reported, during the interview, that her marital status was that of "An Old Maid," we think her stay may be much longer.

Some of the State Aid Division employees are getting quite ancient. Two birthdays during the month of August. Whose? Well, if you're interested come in with a box of chocolates and you will probably find out.

The Blakes have recently purchased a boat, motor and trailer. The whole family takes for the lake come the week-end and while the male individuals skim over the water, Marguerite sits on shore wishing she had the courage of a duck so she could enjoy the sport as much as they do.

Jay Robbins reports that he shot a ground-hog under his garage last Sunday. He said he thought he aimed at his head, but that wasn't the end that got hit. The ground-hog never knew the difference.

The Bradfords have also had quite a few callers this summer. Five woodchucks have recently put in their appearance along with one skunk. Ima says if Jay was a little better shot, they might invite him over.

MOTOR TRANSPORT

Clarence Madden

Word has been received from Orange Park, Florida, that Erving "Pa" Spaulding, died at his home there August 7th. "Pa", who was retired in May, 1953, had worked for the State and Motor Transport some 30 years. Burial services were held in the Episcopal Church there. Survivors are his widow, Mrs. Bertha Parks Spaulding, and daughter, Mrs. Thomas Forbs. "Pa's" many friends will miss him as they already had since he moved from Hallowell.

Charles Hadley informs us he has gone into the bean hole bean business. Orders taken for Saturdays.

Vinal Merrill enjoyed a two weeks' fishing trip to Jackman recently.

Ed Doucette's vacation will include a week at James Clifford's camp, Casco, Maine.

Judson Stinson is building a sulky. Going into the racing business, Jud? Shades of Stanley Dancer.

Richard Ware, son of Joseph Ware, West Gardiner, enjoyed a two weeks' vacation with his father and mother recently. Joe's son is manager of Tanry Leather Limited of Dallas, Texas.

Clifton Jones visited Nova Scotia on the last leg of his summer vacation.

Oscar Webb and Voyle Reed have returned from a fishing trip to Moosehead. Voyle says they fished every spot Lawrence Murphy told them to but nary a fish. Probably the wrong kind of bait, what sav. Lawrence?

Kenneth Purvis took a couple of weeks off to paint his house. How does the "Missus" like it, Ken?

Ernest Bartlett has had an addition to his family. Cindy Lady, a thoroughbred Pomeranian.

Mary-Lou Esther Wood was born Friday, August 7th, to Mr. and Mrs. Allen Wood, Palermo. This is the third child for the Woods. Congratulations!

Duane Cowing is building a boat. At least, he has made the steering wheel. We also understand he has the outboard

motor, too. It must be rather damp in between the two, isn't it, Duane?

Ray Leavitt has been transferred from the Motor Department to the Machine Shop.

Donald Drake has moved his 51 foot trailer home to Maple Street, Hallowell, a few yards from this correspondent's home. Donald also purchased a spanking new 1958 Station Wagon as has also Mr. and Mrs. Curtis Davis of Belgrade.

Yours truly enjoyed a week's vacation at home painting his home. My wife likes it, too.

SPECIAL SERVICES

Lisette Albert

Our Mr. Hinds is very proud these days sporting around in his new French car, a Citroen.

Yours truly recently enjoyed a four-day trip to Canada. The weather was as wonderful as the scenery was beautiful.

FEDERAL AID SECONDARY

Wesley Chute

"Bob" Croswell is up and around again and is back with us. Welcome home, Bob!

Bob Martin and Frank Brawn drew lots to see who could get the farthest away from Augusta on their next project.

Bill Condon asked Vinton Savage, Jr., if he had ever been in the service? He said yes, 6 months in the Marine Corps. Bill, "Where were you stationed?" Bud, "Island Falls Project."

John Bates has returned to this department after two years with the U. S. Army, Corps of Engineers, and Inter-American Geodetic Survey.

Robert E. Wheeldon, who has been with this department two summers, is returning to California to complete his fourth year in Electronics at California Polytechnic College. He is a frequent summer visitor at his in-laws, Mr. and Mrs. Keith Sawtelle.

"Tom" Wharton, III, an employee of this department, has seen the light on yonder horizon and has decided to return to California. "Tom's" wife works for the Purchasing Department. Good Luck!

"Ed" Cooper graduated at U. of M. last year and worked for the California Highway Department one year and is now an employee of this department.

"Bill" (Speedy Gonzales) Weiblein is back for his 2nd summer with the department and coming along fine after removal of a tumor from his spine. Bill is studying Mechanical Engineering at U. of M.

Carmen Cyr's boy, David, begins two weeks' enjoyment at the YMCA camp in East Winthrop, where boys are boys, and mother can rest for two weeks.

Mr. and Mrs. Syl Poor spent a pleasant week-end at New York, especially at Baseball's Hall of Fame in Cooperstown. Some fishermen are always telling about the big ones that got away, but Syl Poor held his 2½ lb. salmon over the boat before it fell off the hook, at Sebago Lake.

"Red" MacCormack has just completed 3.6 miles of bituminous concrete road at Hartland-St. Albans. The town officials, and others, are very pleased.

Dick Fallon also got a big write up in the Portland Press Herald for his 1.7 miles job in Farmington. Watch it, boys,

the department couldn't stand too many celebrities.

August 7, 1958—Yours truly will be more wide awake for news next month. This camp life is killing me; as far as sleep goes, I just cannot get to bed before 12—1 a.m. There is always something going on. Last nite and nite before fishing 'til 12:30; Monday, poker 'til 1:00; Saturday, a boy to hospital for appendix operation, 12:30. That's just a sample. Try camp life.

MAINTENANCE

Georgianna Patten

Mrs. Ivy Pinette has been on vacation for a week during which time she enjoyed vacation visits from daughters Betty and Dorothy, and son, William, Jr.

Mr. and Mrs. Henry J. Patten, (Georgianna) spent the week end of July 19th at the Weirs, Lake Winnepesaukee, New Hampshire. Mr. and Mrs. Martin Cloutier, (Lucille) also enjoyed the week end of August 9th at The Weirs.

Miss Gertrude Drake and party attended the theater at Lakewood during the week in which Faye Emerson appeared there.

Miss Arlene Dodge has secured transportation to her home after work so that all bids now received will be filed for future reference.

RIGHT OF WAY

Charlotte Blumenthal

We have added two Roys to our list of employes — Darlene Roy, Clerk Typist, Hallowell, Maine, and Ronald Roy, Right of Way Attorney, Waterville, Maine. No relation.

Some are enjoying vacations right along, viz: Jean McCann visited relatives in Lubec; Merlon Cole spent his time puttering around the farm; John Dunn relaxed for three days; John Appleton visited for a few days with friends at Ellsworth and Bar Harbor; and Phil Hedges is planning on a week in August which he and his wife will spend in Nova Scotia.

Nice to see Reita Townsend of the Bangor Division Office and husband John in the office recently. Naturally we talked of good old Calais since we all hail from there.

Bill Brush brought his daughter into the office recently. She is quite a young lady of seven months at the present writing.

Carolyn Rumery resigned in July to return to her home town of Milo as her husband has employment there.

Craig Massen was a member of Augusta All Star Babe Ruth League team which participated in the regional play-offs at Amherst, Massachusetts.

Allen Hoar of York, Maine, is working with us as a Civil Engineer 1, project, for a short time.

John Jalbert and family will soon be moving into the new home he recently purchased at Lisbon, Maine.

Glen Larkin, John Jalbert with his wife and daughter, spent the weekend with the Asa Richardsons at their home in Phillips. All report a rousing good time.

Another moving into his new home which he has been building with the help of relatives is Bill Brush. He just hopes

the weather stays warm until he has put on the "finishing" touches.

Walt Bowie has some grand-children visiting him and he says a grandson, Gordon, at fourteen years of age has reached the height of 6' 1 and $\frac{3}{4}$ "—already surpassing his grandfather.

PLANNING

Frances Lishness

John Carey, Jr., recently transferred from Planning Division, to the Department of Health and Welfare, Bureau of Vital Statistics, where he is employed as a Statistician. John has been associated with the division for eleven years and we miss him very much.

Arthur Edgerly is having a week's vacation and is spending the time in Princeton.

Richard Laflin has returned from his tour of duty with the National Guard at Camp Drum, New York.

Earl Gary is the proud (but slightly overcome) father of twins, Janet and Janice, born Thursday, July 31, 1958. The "gals" weighed around five pounds each and at last reports were doing well.

Larry Glynn is the proud owner of a new house trailer which he has purchased for Mrs. Glynn and himself to live in at Orono when Larry starts his studies at the University of Maine next fall.

Oscar Crockett has finally had a launching. We have mentioned that this event was in prospect but it actually occurred on Friday, July 25, at Rockland. We have heard conflicting reports about the amount of water on this occasion but we have no first-hand information.

Dr. and Mrs. Stanley Staciva (Polly), accompanied by their daughter and a visiting niece, have been enjoying the Gilbert and Sullivan productions at Monmouth these last two weeks.

Mr. and Mrs. Linwood Thomas have returned from a two weeks' vacation which they spent camping in the White Mountains.

Ned Metcalf was chairman of the committee for the 8th Birthday Meeting of the Maine Section of the American Society of Civil Engineers, which was held at Martha Washington Inn on Saturday, August 2nd. About fifty attended and they enjoyed boat rides with John Arata and also John's proficiency at water skiing.

Di Constantine left us on August 15th. She plans to spend some vacation days at Glens Falls, New York, before going to Waltham, Massachusetts, where this fall she will teach at Green Acres School.

The Inventory Section has finished the inventory of all the roads in Somerset County. The next county on the agenda is Piscataquis.

Robert Locke is a newcomer in the Planning Division. He is working with Philip Sprague in the field on road inventory.

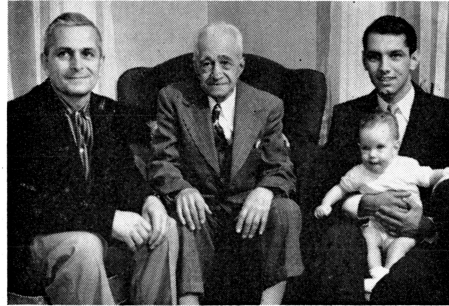
ACCOUNTING

Irene Marsden

The most exciting vacation reported to us to date is that of Charlene MacWhinnie. She "camped out" at Mt. Katahdin for one whole week, sleeping in a sleeping bag, scaling mountains, photographing a wild bear. And all this in the soggiest week of the season!

Madge Hoone visited in Massachusetts for a week, George and Mrs. Murphy entertained house guests, took short trips (mostly ending at PLACES TO EAT), Bob Nelson painted ceilings when it rained, water-skiied when it shone. Alice Currier enjoyed a few half-day vacations while she had company from Springfield, Massachusetts. They journeyed to the cottage at Freeport for lobster and roast chicken, but who could eat chicken after three lobsters apiece? Mr. and Mrs. Russell Carter spent several days at Southport, and Mr. and Mrs. Morris Allen are now at the coast for a week in the salt air.

Betty Small's parents celebrated their 50th wedding anniversary, August 8th, with a party arranged by their children. Five of their six children were present. Their daughter in California was unable to come, but Mr. and Mrs. Small enjoyed an extended visit with her and her family, earlier in the year.



FOUR GENERATIONS OF ARATAS pose for a recent picture. Reading from left to right is John P. Arata of Winthrop, mail and stores clerk at the Augusta office State Highway Department; John B., his father, formerly fruit store owner of Hallowell; Ryan J., his son, an accountant who works in Washington, D. C. and lives in Edsal Park, Virginia. The youngest generation is represented by Thomas, aged 6 months, held by his father.

Sherwood Richards is back from military leave at Camp Drum and says it was a very routine business.

Eva Enman's Contract Card Club Crew went to Lakewood for a very pleasant occasion. They saw three, one-act plays starring Faye Emerson.

FEDERAL AID PRIMARY

Nellie Chase

Harold Meader, Jr., and Donald Clark are back from military leave.

Harold Bessey, Charles Parker and Lawrence Murphy visited the AASHO Test Road at LaSalle, Illinois, in July.

After a diet on Mrs. Campbell's plants and tulips, Henry advised it was time to get rid of the sheep. Of course, he says the reason being that they lost their home because he had to tear down the barn.

Helen Davis was out recently on a week's vacation. She went to Lakewood one day, visited her brother at Boothbay Harbor and took short trips around.

Yours truly spent a week at Ogunquit Beach recently.

Mr. and Mrs. Savage attended, on August 2nd, the 8th Anniversary meeting of the American Society Civil En-

gineers, Maine Section, at Martha Washington Inn at Readfield. There was a mixed group of about 50 at the meeting.

NEWS FROM THE DIVISIONS

DIVISION 2—Machias

Eleanor Garnett

Supervisor and Mrs. Ernest Mushroe are the proud grandparents of another grandson, Peter Lee, born at Fort Smith, Arkansas. The parents are Mr. and Mrs. Earl Mushroe.

Richard Peasley, partolman in Jonesport area, is a patient in the Eastern Maine General Hospital in Bangor for surgery. Our wishes for a speedy recovery, Richard.

Ira Berry of Addison fell from a truck while sanding with the tar crew in Machias and received bruises and cuts.

Cecil Torrey has returned to work after being confined to his home due to illness.

If anyone would like to know the correct way to cut a tire with a jackknife ask Lewis Lovejoy of Addison. Lewis was cutting a tire at his home when the knife slipped, cutting his leg and requiring 8 stitches.

While building the Wesley Special Project construction, a billfold was found and returned to the address found in it. A few days later the owner appeared on the job looking for Foreman Arthur Look, thanked him and said he was glad to find there were still some honest people around.

How would you like to dig up a couple of skeletons? That is what happened in the gravel pit on the Marshfield state aid construction. No record could be found of anyone buried there.

Mr. and Mrs. Norman Perkins and family of Cooper spent several days vacation visiting friends in Bolton, Massachusetts.

DIVISION 3—Bangor

Reita Townsend

Lloyd Roberts is back from his vacation and sporting a new Chevrolet. Lloyd has been driving a Buick, but is very pleased with his Chevrolet.

Paul Byard spent a week-end in Canada recently and visited the new Causeway in New Brunswick which is really quite a place. Picnic area, fireplaces, beautiful spot to swim, with a tunnel built under the road so that you may go from the picnic area to the swimming area without having to cross the road. While there, Paul was talking to Mr. Thomas at the Ranger Station who told him he'd like some Maine Maps and Picnic area folders as tourists were asking for them. Yours truly took them down to Mr. Thomas.

Mel Roberts had a pleasant surprise last week. His grandchildren arrived to attend the Bangor Fair.

James Fleming went to Canada on his vacation but we haven't heard just where as yet.

Virgil Rideout became a permanent employee this last month. He is in Lloyd Roberts' crew.

RETURN POSTAGE GUARANTEED — Postmaster: If addressee has removed and new address is known, notify sender on form 3547, Maine State Highway Commission, State Office Building, Augusta, Maine, giving new address, postage for which is guaranteed.

BULK RATE
U. S. POSTAGE
PAID
Augusta, Maine
Permit No. 227



DIVISION 5 CLERKS, Priscilla Barnes, Priscilla Riske and Ruth Davenport, News Correspondent.

Mickey Beers tells us he is going to Moosehead Lake on his vacation. He has a new boat and motor and wants to try them out.

Right at present the House Moving Business in the City of Bangor is really booming.

The girls in this office are so glad that Fred Potter raises strawberries and raspberries. They certainly are delicious.

Mary Leighton has an appointment with the Eye Dr. Seems her niece either sat or stepped on her glasses. Didn't do them a bit of good.

Think when the crews get a compliment it should be passed along to them. My sister-in-law is in Maine from Connecticut and said that she had never seen the roads striped any better anywhere. The stripes left no doubt as to what you should and shouldn't do.

Mr. Deane can now venture out in the elements without getting wet. His daughter gave him a new raincoat. Don't believe it's like the one Wes Dority has. On one of our rainy days, Wes said he had a raincoat but didn't want to get it wet.

Yours truly spent part of a weeks vacation on Chebeague Island. Very interesting. I loved the boat ride to the island.

Mary Leighton says her sister-in-law had a flat tire near Lee and two very nice gentlemen from a tar crew helped change the tire. She wants to thank them.

DIVISION 6—Portland

Beverly R. Cox

On August 21st Elmer Young observed his (?) birthday. Which one we didn't hear him say.

Mr. and Mrs. Harry Greenleaf observed their 32nd wedding anniversary July 15th.

Mr. and Mrs. Harold Avery became the proud parents of a son, Michael Harold, born July 27th at the York Hospital. Michael and his mother made the front pages of the Portland Press Herald and appeared in the Boston Record. Why? Little (?) Michael came into the world with a record breaking weight—14 lbs. 1 oz. Mr. Avery is foreman of the York camp.

We're sorry to hear of the death of Mrs. Henry Milliken, who passed away July 24th. Mr. Milliken is patrolman in Mr. Robinson's crew.

Arnold Eames, Bridge Supervisor, is at his home recuperating from a slight coronary attack. We're glad to hear he is coming along nicely and hope that it won't be long before he'll be back in our midst once again.

Mr. and Mrs. Arnold Eames observed their 30th wedding anniversary August 5th and celebrated by having steak dinners from Valle's brought into Arnold's room.

Mr. Elmer Young spent the last week in July at the Maine Medical Center where he underwent tests and observation for severe headaches. He expects to report back to work Monday, August 11th. We hope that he and his headaches are soon parted.

Mrs. Dorothy Howe motored through Vermont and New Hampshire while on vacation the week of July 21st. Dot tells us one of the free services in one of the motels where she stayed was ice cubes. When asked by Mr. Hearn what she did with them, Dorothy DeLany quickly replied, "For her head of course!"



BROTHER OF THE BRUSH, Joseph Brim, Patrolman Helper in Division 6, raised this beautiful red curly beard for a Scarboro Tri-Centennial. We wish this picture was in color.

The Bridge Division has decided to buy Merle Douglass a helmet as it seems he quite often gets his head caught in car trunks and in tool boxes.

DIVISION 7—Rumford

Kathryn Dickson

Douglas Marsters, Soils Survey, is being called into the service September 10th.

Louis Holbrook and family spent their vacation in Hartford, Connecticut. It got too hot so he cut his vacation short.

Frank McLay, our genial division superintendent, spent his vacation at Bathurst, New Brunswick. The McLay's and Mrs. McLay's sister and husband traveled through Caribou and Limestone, crossed the border at St. Andrews, followed the shore line through the Gaspé Peninsula to Bathurst. They occupied a camp on a 10,000 acre game preserve. In front of the cottage was a lake where they didn't fish, they just pulled out the trout. When he speaks of frying three spiders full of trout for breakfast for four people—WELL!! Then back through Frederickton, Stanley, the McLay's hometown, Jackman and then home.

Arnold Pendexter and family spent one week at Jackman fishing; this week his family is at No. Sebago.

Hilton Shibles, gang foreman, had the enviable job of keeping house while the wife went to Nova Scotia.

Mr. and Mrs. William Downs, supervisor, spent two days of his vacation at Bar Harbor and Cadillac Mountain and the remainder of the week at Sebec Lake.

Mr. and Mrs. Edwin Adams, survey crew, went to Limestone the week of the fourth. Arthur Fowles and family spent two weeks vacation at Dover-Foxcroft.

John Howes' daughter, Mrs. Joyce Lord, is seriously ill at the Lying-In Hospital in Boston. We sincerely hope next month to be able to state that she is much, much better.

Bob Vickery and Stan Weymouth were visiting our Division August 8th.

Bob Douglas and Everett Webster took a ride up through the Chain of Ponds and Coburn Gore and visited at the Custom House.

Yvette Cormier and your correspondent took your correspondent's mother back to Boston to catch a plane for Clearwater, Florida. We stayed overnight at the Touraine and took in Lowell Thomas' "Search for Paradise" in Cinerama. Believe it or not, sometime during the overnight stay, someone substituted an old worn-out battery for Miss Cormier's new Delco. We didn't discover it until we were on our way home; nothing would do but back to Boston we go and Yvette into the Touraine complaining loud and long over the outrage. We came away with the old battery but not for long, as we hope for some results after a few letters are written.