



Dues Increase Effective On October 1st in all Local 3 Areas

The July round of special meetings produced an overwhelming majority vote in favor of raising membership dues and initiation fees throughout the jurisdiction of Local 3, and is effective October 1 of this year.

The raise received a vote of approval of 77 per cent. By this vote, Business Manager Al Clem said the members expressed confidence in the strength of the union and its importance at the collective bargaining tables.

In order for Local 3 to maintain a sound financial structure, an adjustment had to be made in the initiation fees, dues schedule and payments into special funds.

FOURTH QUARTER LOWER

Under the amendment of Articles VI of the by-laws, the fourth quarter, or October dues payable next month will actually be lower. In prior years, the amounts due for California members of Local 3, for example, was \$28.00 which included seven dollars to maintain the Burial Ex-

pense and Good Standing funds. This has now been pro-rated over a 12-month period to cut costs of extra bookkeeping. Now, California members will pay only \$24.00 for the fourth quarter.

MEMBER BENEFITS

Since the previous dues increase several years ago, members have benefitted by the efforts of the union and includes wage and fringe hikes amounting to slightly more than eight dollars to over \$10.00 per day. The membership as a whole has benefitted through the many programs instituted the past several years which has given Operating Engineers a prestige level never before known.

The apprenticeship program is nationally recognized and is a pattern for other crafts; the recent retraining program at Camp Roberts saw nearly 300 men given an opportunity to upgrade their skills; Local 3 has a safety program which has been cited on many occasions by the National

Safety Council and our own International Union. The Credit Union, with over 1650 members, was initiated this year for members' benefit to assist them in securing low-cost loans, and provide an easy systematic savings program. And, in the interest in streamlining the office procedure and processing of membership accounts, an automatic data processing system is being installed, to hold down ever-rising costs.

EXPANDING SERVICE

The overwhelming affirmative vote demonstrates the desire of the membership continuance of a high level of service, and improving and expanding this service in the future.

Clem pointed out that a great deal of thought and study by the Union Executive Board and a representative group of members from the 12 districts of Local 3 which were selected by the Grievance Committee had gone into the amendments to Articles V and VI.

Below is the standard schedule of dues, effective October 1, 1964:

STANDARD DUES

	Quarterly
A. California and Nevada	
Parent Local	\$24.00
Sub-divisions A, B, C and E	\$21.00
Sub-division D	\$6.00 per month
B. Utah	
Parent Local	\$21.00
Sub-divisions A, B, C and E	\$18.00
Sub-division D	\$5.00 per month
C. Hawaii and Mid-Pacific Islands	
Parent Local	\$20.00
Sub-divisions A, B, C and E	\$17.00
Sub-division D	\$5.00 per month

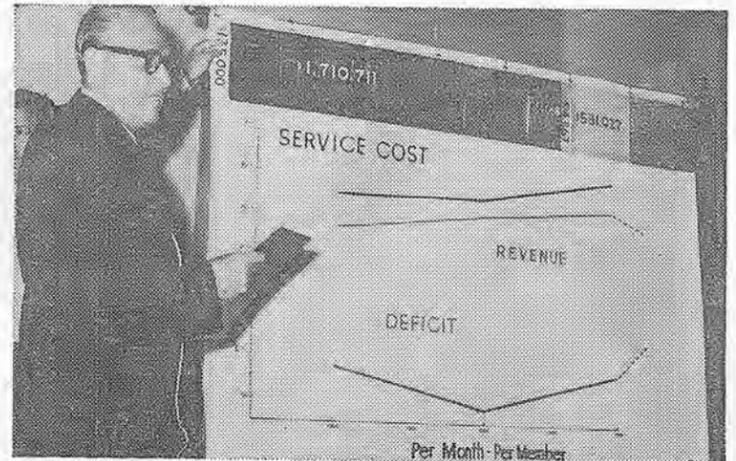
Annual dues-paying members should note that their dues, if paid for the four quarters from October, 1964 through September 30, 1965, will amount to \$99 under the new dues schedule.

The increase starts with the July, 1965 quarterly payment and amounts to three dollars a quarter. In other words, dues are \$24 per quarter and three dollars higher starting the third quarter of 1965.

Housing Bill Passed

The Senate and House passed a final version of the \$1.1 housing bill and sent it to the White House for the President's signature. The bill continues old housing programs and adds some new ones.

Hottest fight was over the slum clearance and urban renewal program, but it survived the most bitter attacks it has ever faced.



FINANCIAL PICTURE . . . Business Manager Al Clem is shown explaining Operating Engineers recent membership dues increase. The Brothers gave the increase an overwhelming vote of approval. The increase is effective October 1

A Challenge

Labor Provide Leadership in Economic War

In a special Labor Day message, Ernest B. Webb, director of the California Department of Industrial Relations, said the labor movement is the natural ally of those who struggle for self respect, security and a fair portion of the good things of a bountiful economy.

He said that more Americans, and Californians in particular, are sharing in the satisfactions and rewards of employment, yet experiencing the frustrations and pinch of unemployment, or underemployment.

President Johnson and the 88th Congress is mobilizing the government's resources for an all-out "war on poverty," while Governor Edmund (Pat) Brown has steadily pressed for new economic growth to provide new jobs, and educational and training programs to fit people of all groups with the skills necessary.

Labor has a big stake in the success of these programs, Webb continued. Too many people are subject to "hard-core unemployment or substandard wages." The labor movement cannot remain strong in a state or nation handicapped by stubborn poverty. The children of laboring people would find a future beset by difficulties in a land torn by strife between the "haves and have nots."

Automation and technological advance is moving in on existing jobs, and the hard-won security of organized labor is in jeopardy.

Each generation, Webb said, must "wage its own social and economic fight." There are no permanent solutions.

Schools and colleges, and especially agencies which provide apprentice and other vocational training, must be guided by the insight of responsible labor leadership. It is a time of change for those who will take the initiative will shape the conditions necessary for a nation's peace and prosperity.

Organized labor has great power for good in meeting these challenges of Labor Day, 1964.

Live Safely

Don't Wait; Report Accidents As They Happen

The tragic loss of six of our Brothers should have a sobering safety message for all of us. During the past month there have been countless number of industrial accidents and six Brothers have lost their lives on the job.

During that period, we have heard of several accidents which have resulted in man-lost days. Seat belts have saved several lives. Only recently, a Teamster, reporting to work for his first day on the job, collided with an immovable D-8 Cat. He wasn't wearing a seat belt and was thrown from the cab. The truck overturned and crushed him.

Seat belts saved two Brothers on the Kiewit San Antonio dam project in Alameda County. A scraper "got away" from an operator and went into an embankment and rolled over. The operator lived. In another accident there, a 660 was pulling twin belly dumps and the rig slid over the side of the fill. The operator rode it out, unfastened his seat belt and lived to tell about it.

On the other hand, when you do have an accident, no matter how small an incident it may seem to be at the time, report it to the foreman or superintendent right after it occurs.

Recently, in San Mateo, there was a case of a Brother Engineer who, for some reason, dropped the can. The rig came to an abrupt halt and propelled him into the steering wheel.

He kept on working. A few days later he was dead of an apparent hemorrhaging colon.

It is vitally important to you and your family to report all accidents, no matter how trivial, as they happen.

Statistically, it has been proven that accidents occur most frequently where the worker is familiar with his job. But, where the worker is doing an otherwise "unfamiliar task" or is working in a danger area, he becomes more cautious and keeps alert.

So report all accidents to the foreman or superintendent. Then go to the doctor designated by

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REGISTER AND VOTE stamp shown above has been issued by the Post Office Dept. in the 5-cent denomination in the hope of persuading more Americans to go to the polls on Election Day.

Memo

from the
Manager's Desk

By AL CLEM

Help Keep Labor Day Safe

Again there is another Labor Day rolling around which means a long week-end holiday, one of the last before the rains set in. We sincerely urge you to be extremely cautious while traveling on the busy highways as we note when we read the list of those who have passed on, there are too many members in the accident column. Let us work together to make this Labor Day holiday a safe one for as many as we can so that the heartaches will be few and far between.

VOTE ON BY-LAWS

As many of you know, we recently concluded the rounds of meetings, whereby the modifications to the By-Laws were read and discussed. At all of the meetings where this most important subject was read and discussed, it was gratifying to note members in attendance were in accord with the recommendation of the Drafting Committee which had subsequently been approved by the Executive Board and recommended to the membership for adoption.

You have received your copy of the new By-Laws, and we sincerely hope you have read and studied them, and have marked the ballot signifying whether you approve them or not. If you have not voted by this time, we urge you to vote and exercise your democratic right as a member of Local 3.

NEGOTIATION HIGHLIGHTS

The highlights of negotiations during the past month including agreements covering the Rock Sand and Gravel Industry in Northern California have been consummated and the proposal has been submitted to the membership with a recommendation of concurrence by the Negotiating Committee. The agreement was ratified by an overwhelming majority by those voting thereon. The proposed three-year contract includes a 5 percent increase per year in wages and 15 cents applied in 5-cent increments to fringe benefits yearly.

We have been notified that the Mine, Mill and Smelter workers have reached an agreement with Kennecott Copper Company. This is one of the largest groups employed by Kennecott in the State of Utah. Our Negotiating Committee has reached a tentative agreement and is being submitted to the membership employed at Kennecott for their ratification.

We are starting negotiations with Anaconda in Nevada and will continue negotiations with Rock Sand and Gravel Producers in Northern California, who are not members of the association.

HOLT RATIFIES AGREEMENT

The employees of Holt Tractor Company ratified the proposed agreement negotiated on their behalf at two meetings, one in Merced and one in Stockton on August 13 and 14, respectively. The proposal was not all we had hoped to gain, but was a fair agreement and we believe that by working together, the union, the employees and the employer may look forward to securing more favorable working conditions and wages in the future. We know that if we continue to have faith in each other, this can be accepted.

You will note that we are continuing to hold Credit Union and Safety Meetings throughout the Jurisdiction of Local 3, and we urge all of you to attend these meetings.

The California Federation of Labor AFL-CIO Convention was held during the week of August 17. We were able to attend this most informative convention and hear some of the keynote speakers.

Brother Don Kinchloe has been transferred to San Francisco where he will assist in negotiations. Brother Ed Hearne has been assigned as District Representative in the Oakland area. Brother Hugh Bodom is District Representative in Salt Lake City and Tom Eck was assigned as District Representative in Redding. Eck is assisted by Jerry Martin as Business Representative; Jack Bullard is Business Representative in Reno and Gene Forth has been assigned to the Fresno area, and Norris Casey is District Representative in Reno.

STAPLETON CCE TRUSTEE

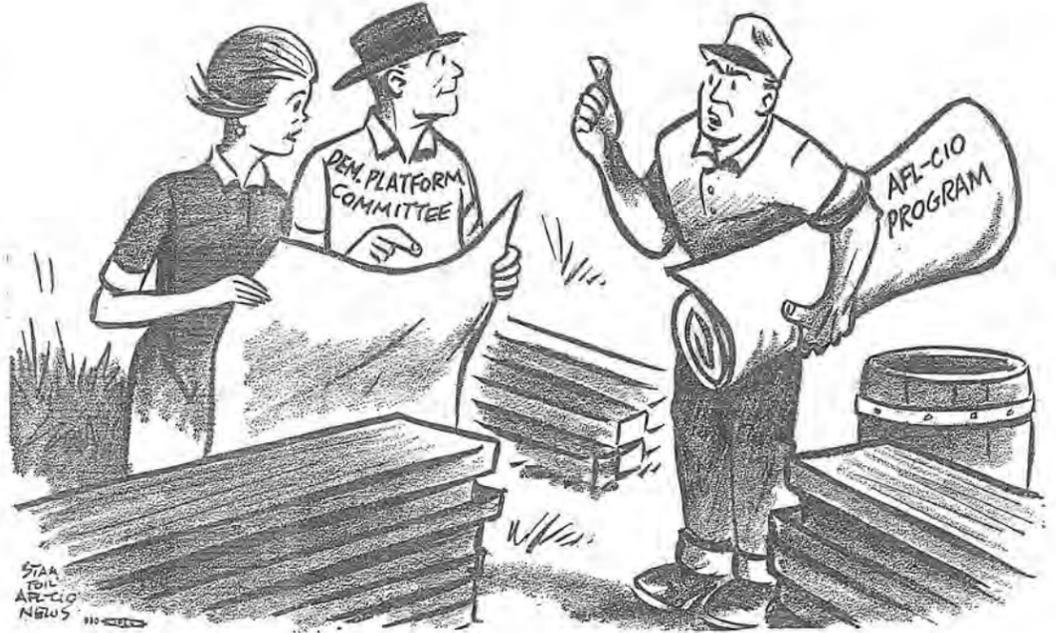
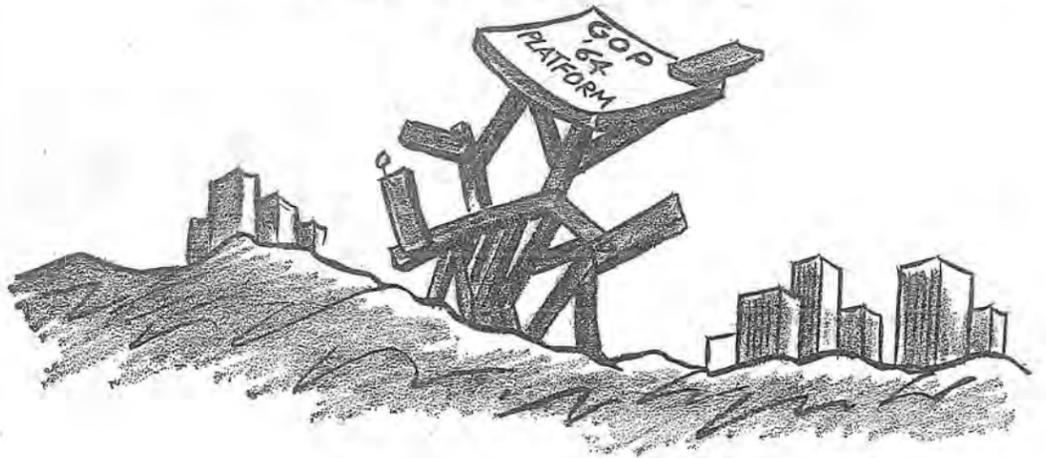
We attended a meeting of the California Conference of Engineers held on Saturday, August 15, where Brother Tom Stapleton was elected to the office of Trustee. This office was created by a vacancy and all the other officers were re-elected without opposition.

WESTERN CONFERENCE

As we have reported many times before, when the Western States Conference meets, we have always made every effort to be in attendance. We recently attended one held in Portland, where new officers were selected to replace those who had resigned. Brother Russ Conlin of Local 302 was

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'That's a Non-Union Job'



How to Buy

Powerful Lobby Killed 'Truth in Lending' Bill

By SIDNEY MARGOLIUS

The "truth in lending" bill, proposed by Senator Paul A. Douglas (D., Ill.), was killed by one of the most powerful assemblages of business organizations that ever set out to beat a bill intended to protect the living standards of moderate-income families.

The Douglas bill would have required lenders and stores to tell the true annual interest rate charged on loans and installment purchases. Except on mortgages, no lenders or stores now state true annual rates. They may state their charges as a monthly percentage on the declining balance; for example, 3 per cent a month on a "small loan," or 1½ per cent a month on a department store "revolving credit" account. But they do not disclose that 3 per cent a month is 36 per cent a year, or that the 1½ per cent a month is 18 per cent annual interest.

Or, they may state the rate as a dollar charge on the original amount. But a credit fee of, for example, \$10 per \$100 for financing household appliances or a used car, is really a true annual rate of close to 20 per cent.

The deceptive ways in which finance charges are stated have made a fertile ground for overcharges. Working people and the nation's economy itself, have been harmed in two ways: (1) by outright gouges, with many families induced to pay such true interest rates as 30 to 100 per cent and even more when buying on installments, and (2) the steady erosion of family purchasing power through constant use of installment credit, even at relatively moderate charges of 12 per cent.

The Douglas bill to require disclosure of true annual rates was backed by labor unions, credit unions, savings banks and consumer organizations.

The leading antagonist of the bill proved to be John Hazen, Washington lobbyist for the National Retail Merchants Association. Department stores, which make up the association, have been heavily promoting "re-

volving credit," or "budget charge accounts," which often require true interest of 18 per cent a year.

The Bar Association is believed to have joined the fight against "truth in lending" because some lawyers on its credit committee have ties to finance companies.

After squeaking through a sub-committee vote by 5 to 4, the "truth in lending" bill finally was killed by the full Senate Banking Committee. The bill always had been opposed by the chairman, Senator A. Willis Robertson (D., Va.). He was joined in voting against it by several Democrats — John Sparkman (Ala.), Edward Long (Mo.), and Thomas McIntyre (N. Hamp.). Long himself has investments in Missouri banks and loan companies, and the St. Louis Post Dispatch had urged him to abstain from voting because of his self-interest in the outcome. But the surprises turned out to be Senator McIntyre who had been expected to favor "truth in lending," bill and Senator Harrison A. Williams (D., N.J.) who did not appear for the final vote despite previous support in a subcommittee vote.

Republicans who voted against the bill were Senators Wallace Bennett (Utah), John Tower (Texas), Milward Simpson (Wyo.) and Peter Dominick (Colo.). Senator Bennett, one of the most vociferous fighters against the "truth in lending" bill, is the brother of a Salt Lake City department store executive.

Voting for the "truth in lending" bill were Douglas, Joseph Clark (D., Pa.), William Proxmire (D., Wisc.), Maurice Neuberger (D., Ore.) and Jacob Javits (R., N.Y.).

You can have the last word:

1. Senator Douglas has announced he will reintroduce his bill. Consumer spokesmen are urging that families write to both the Senators who opposed (to urge them to reconsider), and to the Senators who favored the bill (to thank them and ask their continued support).

2. Learn the facts about how to shop for

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ENGINEERS NEWS

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OPERATING ENGINEERS LOCAL 3

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Minimum Wage to \$1.30

For the working wives and minor children of Brother Engineers, note that in California the minimum wage per hour in private industry, effective August 30th, is now \$1.30.

The Department of Industrial Relations of the state said these orders set forth standards for hours and working conditions as well as wage and overtime provisions. It also covers meal periods, lifting, ventilation, lighting, rest room and washing facilities, length of rest periods. It covers the following industries: canning, personal service, manufacturing, public housekeeping, laundry, linen supply, dry cleaning and dyeing, mercantile, handling products after harvest, transportation, amusement and recreation, broadcasting, motion picture, preparing agricultural products for market on the farm; and professional, technical, clerical and similar occupations.

So if your spouse, son or daughter is covered in any of the above categories and isn't getting the minimum \$1.30 per hour, you are invited to contact your nearest office of Industrial Welfare.

SUPREME COURT RULING

The U.S. Supreme Court has ruled that a company cannot increase a worker's economic benefits to influence his vote in union representation elections conducted by the National Labor Relations Board.

We make this information known, because it has been brought to our attention in recent cases where we are organizing that this may be happening.

The Court, in a 9-0 ruling, likened such conduct to a "fist inside a velvet glove," and held it tended to "coerce employees in making a decision to choose a union to represent them in collective bargaining." The ruling concerned a case involving a Ft. Worth firm, and the International Brotherhood of Boilermakers.

Fattening benefits just prior to an election is a tactic employers frequently use. The NLRB has repeatedly ruled it illegal, but this marks the first time it has been carried to the nation's highest Court for a final determination.

Justice Harland, in writing his opinion, said the Taft-Hartley Act guarantees workers the right to organize without interference. This guarantee, he adds, "prohibits not only intrusive threats and promises, but also conduct immediately favorable to employees which is undertaken with the express purpose of impinging upon their freedom of choice for or against unionization and is reasonably calculated to have that effect."

THE UNION WAY

"Those who would destroy or further limit the rights of organized labor—those who would cripple collective bargaining or prevent organization of the unorganized—do a disservice to the cause of democracy.

"Our labor unions are not narrow, self-seeking groups. They have raised wages, shortened hours and provided supplemental benefits. Through collective bargaining and grievance procedures they have brought justice and democracy to the shop floor. But their work goes beyond their own jobs, and even beyond our borders.

"Our unions have fought for aid to education, for better housing, for development of our national resources and for saving the family-sized farms. They have contributed funds and talent to improve our overseas relations." — John F. Kennedy

Keep Labor Day Safe

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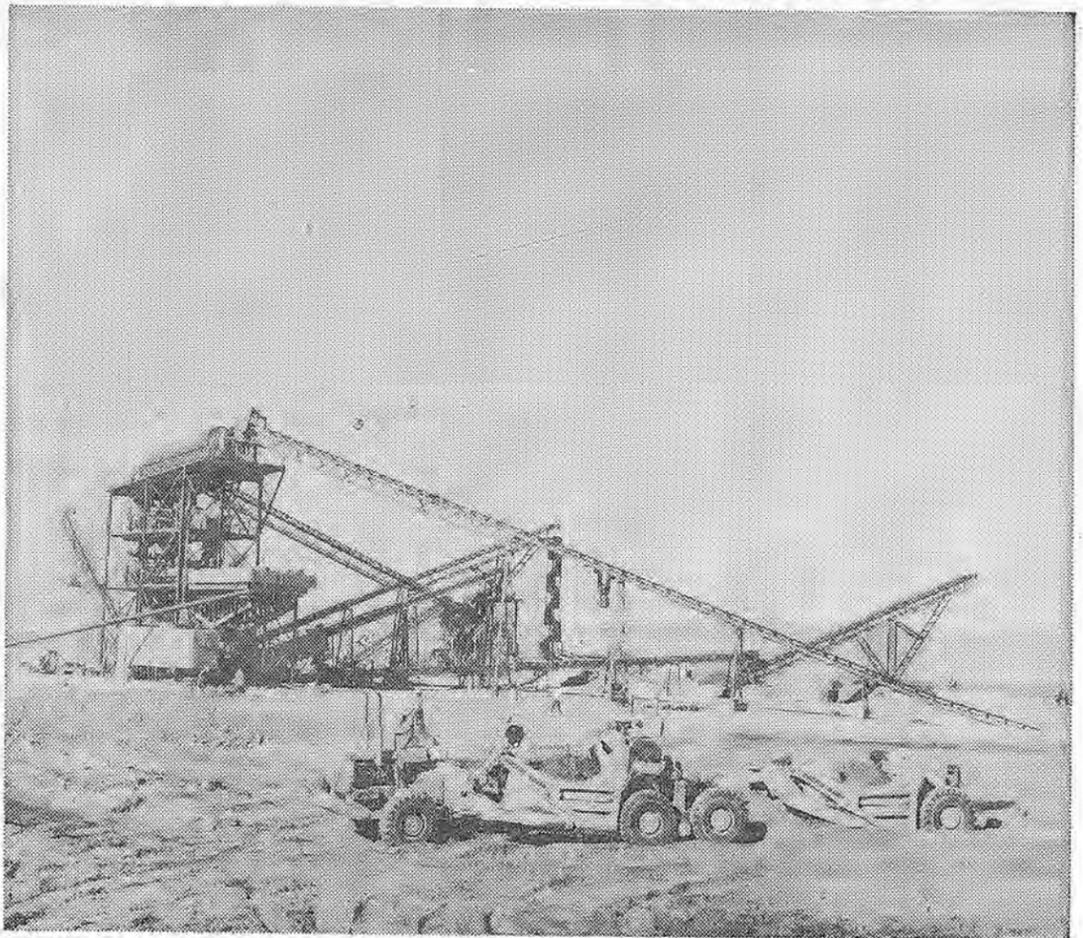
selected Chairman of the conference replacing Brother Jack McDonald. Many of you know Russ for having worked in the jurisdiction of Local 302 in the states of Washington and Alaska, and we know he will do an excellent job for the conference as he has done as Business Manager of Local 302.

Brother James Twombly was chosen to replace Brother Newell Carman as Secretary of the conference; since Brother Carman was elected Secretary-Treasurer of the International, time would not permit him to act in the capacity as Secretary of the conference. Brother Twombly is assigned as Regional Director by the International with his office in San Francisco.

It was also reported that Brother Joe Seymour and his entire slate of candidates were re-elected in Local 12 by an overwhelming majority.

Those of you who have worked in the territorial jurisdic-

LOS BANOS CEMENT, AGGREGATE BATCH PLANT



BATCH PLANT . . . on the San Luis canal project near mile 18 stand this plant with a scraper churning in the foreground.



OUT TO SEA . . . this acre-sized drilling rig, built in Richmond, headed out to sea recently to begin off-shore exploratory oil drilling thirty miles northwest of San Francisco.

FLOATING STEEL ISLAND HEADS FOR SEA

SAN FRANCISCO—A massive island of floating steel, the "Blue Water II," headed for the open sea where it will be used along with a deep-diving robot to drill for oil for Shell Oil Company off Pt. Arena.

Workmen had to lower the drilling derrick atop the vessel to pass under the Golden Gate Bridge. The "Blue Water II" stands 260 feet high from the bottom of its hull to the top of its drilling tower, and it has an acre-sized deck.

The vessel, first of a new class of all-weather deep-sea rigs on the West Coast, is being towed to a point 30 miles northwest of San Francisco where it will start drilling its first hole in nearly 400 feet of water.

S. F. Bowlby, Shell Vice President, said that the "Blue Water II" will be used in an exploratory drilling program aimed at finding oil on 266,000 acres of offshore leases acquired from the federal government last year for

\$12 million. The leases are more than three miles from shore and covered by 250 to 900 feet of water.

"Blue Water II" was built by the Kaiser Steel Corporation for the Blue Water Drilling Corporation, and is under long-term lease to Shell.

It gains stability while drilling by having more than half of its weight submerged below the surface, thereby reducing the effect of wave motion.

The vessel's predecessor, the "Blue Water I," using the same principle on the Gulf Coast, was able to continue drilling despite 38-foot waves and 70-mile-an-hour winds, and Bowlby said the "Blue Water II" should do equally well.

Aboard the vessel will be Shell's newest robot, used to perform underwater functions on the wellhead in place of divers. The robot swims with propellers, sees with television, hears with a hydrophone and has an arm that can turn lock screws and operate valves.

AGREEMENTS AND DISPATCHES

During the month of August there were 23 regular agreements signed and 88 short form agreements, making a total of 111. There were 3056 members dispatched to the various jobs during the month.

We would like to leave you with this one thought. Be sure you are registered to vote by September 10! We know that this November 3 election will be important to working people and their families.

Sacramento Hills Area Strong; Work List Down to Cadre Force

By ERNIE NELSON, AL DALTON, CLEM HOOVER, ART FAROFALO and JERRY ALLGOOD

SACRAMENTO—Work in the Upper Sacramento Valley has held up well during the Summer months while in the Sacramento Valley itself has been slow, we still managed to dispatch 608 Engineers to jobs. The out-of-work list is down to cadre force, however, we still have a few in almost every category.

Several new contracts have been awarded in the area in the past month. Kaiser Engineers was low bidder on the \$12.7 million dollar W-X Street Bridge and freeway job. The job will be starting shortly.

Fredrickson-Watson & Granite Construction Company, a joint venture, were low bidders on the \$4.5 million dollar Sacramento County Metropolitan Airport in the Natomas area. This will be a good dirt job which will employ several engineers. It consists of grading the area, pipelines, roads, 8,000 feet of runway, parking areas, among other things.

Shellmaker, Inc. was low bidder on a dredging contract on the Sacramento Deep Water Channel. This consists of cleaning the Channel of silt that has drifted in since the completion of the Channel last year.

The contract on the 29th-30th Street freeway has been postponed and is now scheduled for September.

Peter Kiewit and Sons and Brighton Sand and Gravel are moving right along on their portion of the 29th-30th Street freeway. As Kiewit completes the on and off ramp retaining walls, Brighton moves in with their dirt hauling operation. They are making quite a hole in their pit on Jackson Road. Kiewit has approximately 15 Engineers on this job all set for what should be a fair winter job.

N. P. Van Valkenburgh is winding up the pipeline job in the Natomas area. This has been a good job, money wise, for several of the Brothers. They have taken home some nice fat paychecks from this job. We could use some more like this in the area.

A. Teichert and Son are still racing the weather man on their pipeline job near Elk Grove. They hope to finish this by the time the fall rains start. This

company was low bidder on an \$1.8 million dollar pipeline job in the Fruitridge Area.

Teichert, along with Lentz, Brighton Sand and Gravel, Small and Graff, to mention a few, are busy with various sub-divisions throughout the Sacramento Area.

Reynolds Metals Developing Corporation of Richmond, Va. has signed a contract with the Sacramento Redevelopment Agency for the construction of an estimated \$3.5 million west end shopping & business development. They hope to start construction by the 1st of November. More on this project in the near future.

DAVIS-WOODLAND

Over in the Davis-Woodland Area work is slow. Small subdivisions, pipelines, and buildings, outside of the rock plants, about cover the work picture. Nomellini, Guy F. Atkinson and Continental-Heller are all busy on their respective buildings on the Davis Campus. P.C.A., Teichert, Granite and Madison Sand and Gravel have their plants going full blast building stockpiles for the Winter.

AMERICAN RIVER

The contractors on the American River job have completed a little over 36 percent of the project. Most of the spreads are on a six-day basis, and are running a few weeks ahead of schedule on an overall project basis. There are about 1700 men in all crafts on this project. Most of the activity is in French Meadows and Hell Hole Dam sites, the two largest dams of the project. They have placed approximately 1,250,000 yards of material in French Meadows Dam, and the clearing is about 96 percent complete. This dam is due to finish the 15th of November.

TUNNEL WORK

While all this activity is going on above ground we also have a busy bunch of men underground. These tunnel crews have done a tremendous job. They have driven more than 28,000 feet of tunnel. The underground crews have had to combat water in almost every tunnel, some bad ground in others and in some cases, they have had the combination of both at the same time. Emil Anderson, starting the Auburn Ravine Tunnel is planning to bring crews down off the mountains as they finish and put them in the Auburn heading. This should keep many of the men busy this Winter.

Hardeman and Bedford crews are rolling along at a good pace. This company has most of its access roads oiled at this time. The thing about this is—there is no money in the contract for this item, they have done this on their own.

Jackson Meadows is on a two-shift basis with mechanics going three shifts. They have a few men working below the dam on the flume line at Milton Bowman at this time.

Faucherie Dam is moving right along and they should be done in this country before the snow comes.

Brother Bob Becker has moved most of his crew from Chicago Park up to Dutch Flat and they should be kept busy the rest of the year.

Granite Construction Company, on the Rollins Dam, is doing a

fine job. Every move is coordinated and a really well run and planned project. They will be done about the first of January with the big dirt on this dam.

The highway crews on 40 are moving along fine. These crews are on the finish and getting some good hours. They are trying to finish before the snowman arrives.

PLACERVILLE AREA

Gates and Fox on the White Rock Tunnel outlet are in 2,700 feet and there has been tough ground for awhile, but it is pretty good at the present time.

They have a full crew of Operating Engineers on the job. This tunnel, when completed, will be five and one half miles long.

Granite Construction Company is working long hours on the Highway 50 job, trying to beat "Old Man River" to the punch, where they have most of the heavy muck moved but have most of the finish work left to do. The crusher is going two shifts trying to strip enough rock to complete this job. If we have a late winter, this job will be completed this year.

Heavy Construction Company has two jobs off Highway 50, making a golf course and housing project. All equipment is working, and the job should be done this Fall.

Sierra Pacific Construction Company is still working on Highway 50 and keeping some of the Brothers busy widening the highway above Strawberry Lodge.

J. A. Jones is working long hours on the Robbs Peak Power House and doing some work in the tunnel. The company is bidding on a job in Alaska and hope to get it.

Bennett Murray Company is starting the muck moving for the new super market in Pollock Pines, and have small jobs in Placerville and Pollock Pines area.

Kuckenburg Construction Company purchased more new equipment for the job on the freeway on Highway 50. Most of the culverts are in and all the fencing under control. There is also another job to be let in September sometime on Highway 50 from Bass Lake East to Placerville freeway.

4000 Jobs Vanish Every Morning

WASHINGTON, D. C. — The average worker goes to bed each night facing the problem of 4,000 jobs eliminated the next morning.

That's the way Secretary of Labor Willard Wirtz sees the automation problem. The answer, according to a recent address by the Labor Dept.'s Manpower Administrator, John Donovan, lies in "more jobs in the total economy and a work force sufficiently flexible to shift into the new jobs."

"By 1970 there will be 84 million in the labor force," Donovan said. "That means that we must grow more rapidly to provide new jobs required."

Donovan said there are now about 72 million Americans at work.

HARNEY CO. ENDS ERA IN S.F. WITH ALEMANY JOB

By DALE MARR, GEORGE BAKER and ED DU BOS
SAN FRANCISCO—The Ale-

many Freeway job here in the Golden Gate City marks the end of an era for an oldtime construction which is no more.

With the death of Charles Harney, civic leader and construction symbol in San Francisco for many years, the company bearing his name, too, dies. This was the term of his will. The company's equipment has been sold off in a piecemeal manner and the company will cease operation

ing right along on the freeway on Junipero Serra, tying in the Bayshore Freeway with Skyline Blvd. The job at "Gas House Cove," which is going along well right now, since they overcame the problems of the banks being filled with old rocks and concrete.

Manson General, on the dredging job at the foot of Army Street, is now full capacity. This job is employing more Engineers at present than any job we have had in the area for a long time. They are working three shifts



RESTORATION . . . of San Francisco's "Palace of Fine Arts" has started with M and K Co. doing initial work. The \$6 million job was long delayed while interested parties debated issue of destroying this landmark, visited annually by thousands of tourists.

with the completion of the freeway job. Many of our Brothers will be looking for employment with other outfits.

Another landmark in San Francisco is being razed. Work has started on the demolition of the Palace of Fine Arts in the Marina district near the Golden Gate Bridge. M&K is prime. The company is topping off its telephone building job and winding up its job on the Embarcadero. The Fine Arts demolition and reconstruction is in the neighborhood of a \$6 million job.

Bragato Paving is relining about a mile of the Great Highway near the zoo. This is a sand job and compaction has been a problem.

The Perini Corporation has nearly finished the first phase of the Golden Gateway project, and Raymond Concrete Pile has moved in to drive the piling on the next section of this job. The new section will rise 22 stories high and will mean 400 more apartments and 20 more town houses. The F.H.A. has a commitment here of close to \$11,550,000.

Easley & Brassey were having some trouble with the fill and cover at Brisbane, but it has finally been settled and we expect to put three more members to work soon. P.C.A., working the quarry at Brisbane, is still on one shift, however, they expect to go on double shifts with mechanics soon. The company is modernizing the crusher and pug mill, which should be an improvement as most of this plant has the original installation it had when it opened in 1945.

Peter Kiewit Company is mov-

on some of the equipment.

Eichler Homes started two 15-story apartment house jobs in Visitacion Valley. At present they are checking and overhauling the two climbing cranes which will go into operation soon. This job should run for nearly two years and we are hoping for a lot of work here for our members.

Many other contracting firms, such as Fay Lowrie, Murphy, Associated Pipeline and several others are busy on street and sewer jobs.

SF GRADE SETTING CLASS

The John O'Connell Technical Evening Institute is offering a class in grade setting for all operating engineers. The class will meet on Tuesday evening, starting Sept. 15, 1964, at 7 p.m. in the Gompers School, located 22nd and Bartlett Streets in San Francisco.

Harry Cummings, who has taught this class before, has broadened his outline to give more depth to the subject matter. An advanced class is being scheduled for Thursday provided there is sufficient number to hold the class. Call the dispatch office and reserve your classroom attendance.

Apprentices will start school Sept. 14th, at 7 p.m. School night will be Monday and Wednesday.

CANCEROUS SMOKING HABITS

The American Cancer Society's "Athletes Against Cancer" program was initiated in 1960 to help inform teenagers of the health hazards of cigarette smoking.

Live Safely

Continued from Page 1—the company. If you are not satisfied with the treatment, request a change of doctors and you'll be given a choice of three doctors to visit.

If you do have an accident, many times this office may be of service to you. The time to consult with an attorney is if you are not getting doctor and hospital bills paid or not receiving your temporary disability, or you are released by the doctor to go back to work and you feel you are not in condition to work.

But if there are any questions, call Fran Walker at the San Francisco office, and he may be able to help you and advise you. Many times a call to him will avert a lot of "red tape" by going through the Industrial Accident Commission.

Santa Rosa Turns from 'Buck Supply' to 'Buck Season'

By RUSS SWANSON and LOU BARNES

SANTA ROSA—We wish at this writing, that the jobs were as plentiful as hunters that have infiltrated our area since the opening of "deer season." So far, the BUCK supply for the sportsman has been better than the 'buck' supply for those seeking employment in our area.

The work load here in the Redwood Empire this season has been such that we have had somewhat of a hard time removing names from the "out of work" list via the employment route. This holds true with those residing in the district and therefore making it much worse for those "just coming through" and registering for work.

There have been short periods of time where we have found ourselves short in supply of certain classifications, but this has been the exception rather than the rule. This leads us right into "What's going on in this area?"

At this writing Hughes-Ladd and Huntington are working one shift on the Boonville road and hope to be working 2 shifts soon. Incidentally, their bid on this highway job was about \$1 million. Art Siri has been working a number of engineers at Mendocino, Laytonville, DeHaven Creek and Willits, but as most of these jobs are approaching the end the fellows are scattering to Siri's jobs in Santa Rosa area.

Absco Paving, is laying a lot of "hot stuff" in Ukiah and Willits. Vic Henry says he intends to keep a lot of Engineers busy for a long time. That new automatic Hot Plant must be doing the job.

Joe LaMalfa has varied work on the coast near Elk and at Willits.

Those of you who read the paper occasionally, know of the "\$44,000" incident, but for those who missed the story, grading operations were going on at a new Safeway location in Willits when the blade uncovered an old pipe and also some jewelry. I don't know why but \$44,000 in small bills within the pipe is now in the hands of the Government while argument is made as to who actually owns it. "Bouquets" go to the honest Engineers who were working on this project.

Spike Vouduouris is working on a channel job near Finley-Baun Construction, with a hot plant set-up near Kelseyville-Fredrickson Brothers slowly coming to an end. Paving should be started soon on the highway job near Asti. Charles Chandler is working along with Cunningham and Blackwell on the channel job near Santa Rosa. McGuire & Hester have a few draglines and cats doing channel work near Santa Rosa for Sonoma County Flood Control.

O. C. Jones is picking up about \$350,000 on road work in and around Santa Rosa. Argonaut can be seen on many types of jobs. Incidentally, "bouquets" to Jim Russey who is working with the Joint Apprenticeship Committee so well, and likewise to Don Dowd who is the other half of the Management Committee of

J.A.C. of Santa Rosa-Ukiah district.

Syar Harms and Ball working on the Steele Lane overpass which is designed to eliminate stops on highway 101. Reichhold & Jurkovich is nearly finished at the Dry Creek Road job. The rock plants, Windsor Sand and Gravel, Hein Brothers and Basalt, are all going strong and steady.

San Rafael in Fast Company

By AL HANSEN

SAN RAFAEL—Reports work moving at a tremendous pace with the bulk of the jobs being subdivision work.

Syar & Harms-Ball job at Hamilton Field at Hwy. 101 still going right along on their job with three crews.

Peter Kiewit Hwy. work seems to be pretty well completed with the Black Pt. intersection. We hope to see them back in our area again—in the meantime, they have moved equipment and men to another job located in Daly City.

Ghilotti Brothers has several small jobs all over the county which keep quite a few of the brothers employed.

Piombo Brothers started a new subdivision at Glenwood, called Seaview No. 1 and No. 2. There are 300,000 yards to move on these two units. Litecrete Construction from Martinez is also on this job with rental equipment consisting of D.W. 20's and dozers.

Holtzinger Brothers is all over the county; Hein Brothers quarry is going strong at the present time in Petaluma and Basalt Rock in San Rafael and Novato are trying to catch up.

Elmer J. Freethy Co. is doing a good job at Tam Valley with a good crew.

Underground Construction Company has many small jobs; Maggiora & Madsen & Ghilotti is a new company formed recently and we wish them lots of good luck as they have picked up a few jobs here in the county already. (Babe Ghilotti was formerly with Shamrock Materials).

Merz Brothers also going right along with their job Terra Linda, with about 100,000 yards to move; Watkin & Sibbald is still on the job at San Geronimo Golf Course site with a few of the brothers. Brother Jim Craddock has his new D6 on this job.

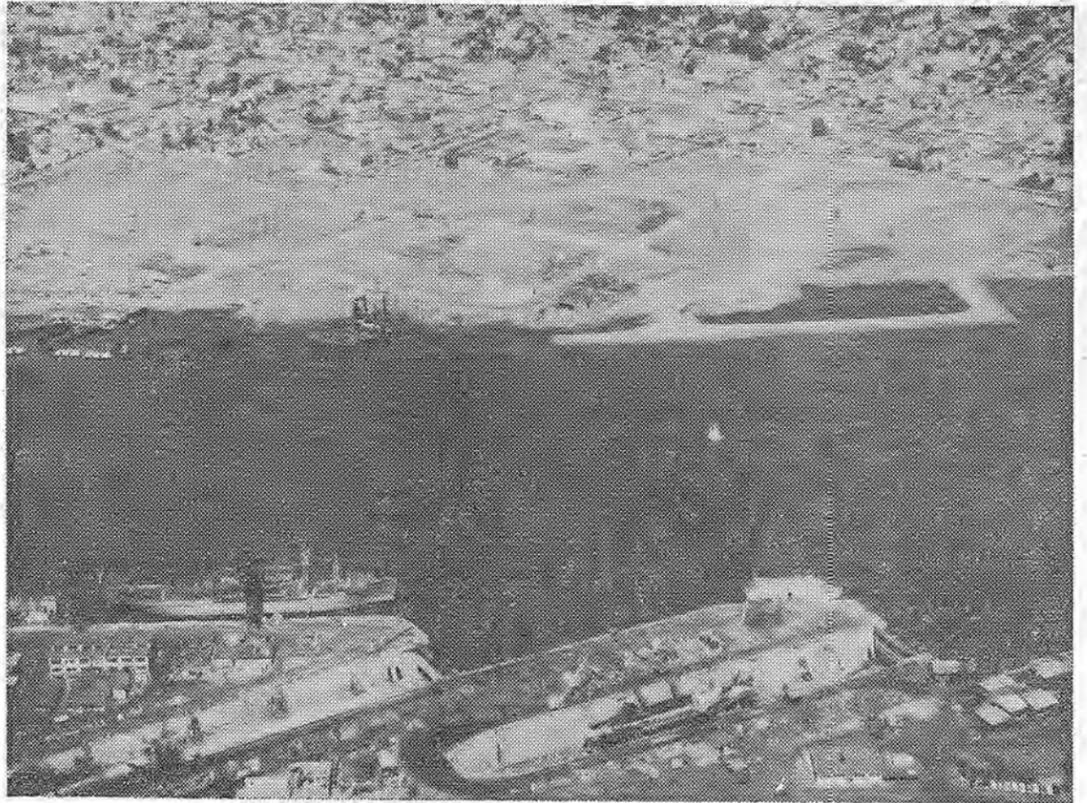
Finn Construction Co. is still at San Marin, and are doing a little paving.

Chadwick & Wilson is on the job at San Anselmo and have a few other jobs around town.

Fisher Brothers, from Rio Vista, is doing a little job at the present time in Greenbrae while Schultz Building is moving right along at Greenbrae; J & K Construction has jobs in the county and Garnier & Long is still keeping a few men busy at San Marin.

United Sand & Gravel has one crew going at the present time. F. Clementino is all over the place with small jobs and Withers & Wight are located in various parts in the county.

WATERFRONT IMPROVES MARE ISLAND ESTUARY



MARINA AERIAL . . . Vallejo's multi-million dollar boat harbor on Mare Island estuary is shown here with atomic subs at bottom under construction at navy yard.

\$4 Million Marina Project; Channel, Levee Work Starts

By AARON SMITH

VALLEJO—In full swing now with the Marina Vista Project at the top of the list. Parish Bros. of Benicia has about 40 Brothers working on the earth moving part of the \$4,000,000 project, with the idea in mind of adding to the earth moving crew in the future. They are now averaging about 6,500 cubic yards per day.

Prodanovich Inc., of Oakland, has a \$900,000 sub contract for underground water, sanitary and storm sewer systems. They have over a dozen of our Brothers employed at this time.

Olympian Dredging has two dredges preparing the underwater surface for the dikes and waterfront fill to come in the future.

Granite Construction has progressed to the point on their Hwy. 40 project that Paymond Concrete Pile Division are already at work on the overpasses.

Luhr and Wendt is in the finishing stages of their flood control ditch between Dixon and Rio Vista. The contract, on this ditch going on to Vacaville, was let August 5th to Willmoth Construction, of Fresno. This job will have over 1,000,000 yards of channel excavation and 177,000 cubic yards of compacted levies. This job will start in the very near future.

Gordon Bann, Syer and Harms were low bidders on the freeway job on Hiwy 40 between Fairfield and Vacaville. Also another Hwy. 40 job between Vacaville and Dixon, both jobs amounted to about \$7 million.

Syar and Harms is still keeping a lot of Brothers busy all over the country on sub division and street work.

Stockton Construction has been making good progress on the sewer job in Vallejo even though there are traffic problems.

Darkenwald Construction has about 45 Engineers on the job between Benicia and Cordelia. It is starting to shape up and looking like a freeway. Lew Jones is doing the structural work and Raymond Concrete Pipe the pile driving.

Slinsen Construction of Napa was awarded a curb, gutter,

sewer, and storm drain job in Napa for \$63,000 Dollars. Frank Serres has the grading on a big shopping center in Napa. Mofatino Const are in the finishing stages of their flood control ditch in Napa.

Kaiser Steel has had the best year in a long time. We have had about 20 more Brothers working there this summer than in the past. We are hoping they pick up a few more contracts before they have to cut down on our people.

We have had a very busy year and it looks as though it will continue for the next few years. We have had a hard time getting operators of various types of work such as Rubber, Dozers and Grade Setters.

Planning to retire soon? Inquire now at your Social Security office.

Have you checked your Social Security account in the last three years? Get form OAR-7004 at your Social Security office.

Little Improvement Seen For Alaskans

SAN FRANCISCO — Alaska's earthquake recovery repair work reflects little improvement in quality — but this may be because of the effort to "get back into business quick" the Building Industry Conference Board was told.

Ray McCann, Basalt Rock Co., who recently returned from the earthquake-damaged area, paid what might have been a somewhat dubious tribute to the Alaskans' "gambling spirit" in carrying through their reconstruction program.

Alaska's building standards have been much less rigid than those for California and some hoped that the quality would be upgraded during the recovery period. But McCann saw little sign of this and also observed little inspection by city agencies, even for schools. Federal buildings however were getting this attention he stated.

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Table with multiple columns containing names and numbers, likely a directory or index of companies and individuals mentioned in the text.

Personal Notes

SAN MATEO

The sick list mounts. . . . We are not always told who is ailing, therefore, we miss some. . . . Brother Odis Patterson is not recovering from his emphysema. This is an illness quite common to engineers and it is generally attributed to dust. Brothers Dan Smalling and Ralph Mort are subject to the same problems. . . . Brother Harold House is seriously ill in Peninsula Hospital. . . . Brother John Muniz is back on the job after gallbladder surgery. . . . Brother Frank King is recuperating after serious illness. . . . Brother John Albonico is experiencing an amazing recovery from a serious accident at Foster City. One arm was severed but sewed back on by a team of brilliant surgeons. He has every hope of regaining full use and we will look for him back on the job soon. . . . The builders of the Circle Theatre in Redwood City were unfortunate recently when one side of the roof structure collapsed injuring some other craftsmen. They were fortunate to have had E. H. Bean Crane Service nearby who rushed three cranes into the job and in a matter of hours they were able to salvage the building and construction continues. Quick intelligent response by talented operating engineers saved the day.

Watchwords of the Day: 1. Safety first. . . . 2. Hire and train apprentices. . . . 3. Use and save with your Credit Union. . . . 4. Labor Day. . . . It is more than just another holiday. . . . 5. Any Union can only be as good as its members. . . . 6. Blood Bank Day in October.

SANTA ROSA

The Santa Rosa Grievance Committee recently interviewed Dr. George McCabe, professor at Sonoma State College, who recently resigned his post to seek the First District Congressional post. The Committee was impressed with him and the Executive Board of Local 3 concurred and endorsed him for the post. Don't forget to register to vote by September 10 and then be sure you vote November 3.

Congratulations to Brothers Leonard Vaughn and Ken Decalett, recent new fathers to new daughters. Also, we extend best wishes to get well to Brothers Glenn Harmon, Mary Stutts and Chet Yardley. Jack Blackeney was our only Blood Donor during the month.

Our sincerest condolences to the family of Bishop (Pappy) Dycus, who will be missed by many Brothers in the Ukiah area.

SAN RAFAEL

We received a card from Brother John Lapp, who at present is working 14 hours daily, seven days a week, for Bechtel Corp. in Tripoli, Libya.

Our thanks to Brother Ray Schunk for his blood donation on July 31.

It's a girl for Brother J. D. (Rocky) Sumner, born on August 13, weighing in at 7-4. Congratulations!

Our condolences to the family of Brother Alonzo Thrailkill, who passed away on July 30. Alonzo was employed by Hutchinson Rock Company at Greenbrae as an Oiler for several years.

Make sure you are receiving your correct rate of pay as per contract. If not, please report this to your Business Agent.

As this goes to press, we learn that Coxco, Inc., will start on a new development job at Scottsdale in Novato, and will be using DW 20s and Dozers.

SACRAMENTO

We are holding mail for the following: Richard Allen, James Cooper, J. F. Johnson, Louis McGee, Jack Riley, Walter Reich, Jacob Scheller and Emery Williams.

Our sincerest appreciation to the following Blood Donors from Sacramento-Pollack Pines area: Mr. and Mrs. Howard Baxter, Mr. and Mrs. Kenneth Bettis, Bill Carroll, Evelyn Hays, Joe Kortuem, Dave Leonard and Celeste Stockley.

EUREKA

We extend our sincerest sympathy to the family of Brother Reid Lee Hood, who lost his life as a result of an on-the-job accident on August 13, 1964.

Also our condolences to the families of Brother Robert Maples, killed in an automobile accident July 29, and Brother Walter Short, who also lost his life in an automobile accident, July 20, 1964.

We wish a speedy recovery to Brothers Andy Anderson and Lud Krupka, who are confined in the St. Joseph Hospital.

We have just received word that Brother Earl Leach was killed on-the-job in Reno. Our heartfelt sympathy to the family of Brother Leach.

STOCKTON

We are happy to report that Brother Jack Whitehouse, who was recently confined to Dameron Hospital with a stroke, is now back on the job.

REDDING

Our deepest regret and heartfelt sympathy to the families and friends of our departed Brothers, August Rose, John Little, John E. Tanner, Reid Lee Hood and T. L. "Smokie" Brigman.

MARYSVILLE

Brother E. B. Loyd is going to have a serious operation

—Continued on Page 7

Labor Meeting In S.F. Adopts Many Policies

SAN FRANCISCO — The California Federation of Labor, AFL-CIO, held its statewide convention here during the week of August 19, and spent much of its time applauding speakers who attacked the Republican nominee for President, Sen. Barry Goldwater.

California's Governor Edmund G. Brown led off the attack with the statement that "everything the labor movement stands for is under bitter attack this election year."

While most of his statement was devoted to his attack on Goldwater, Brown also asked the convention to support other Democratic candidates besides President Johnson, and to help him with his legislative program in California.

Specifically, he sought support for Medicare, low- and middle-income housing, and an attack on the poverty-stricken conditions that beset farm workers.

(Back in Sacramento the next day, Brown told reporters that part of the responsibility for the condition of farm workers lies with labor unions, who "only make speeches.")

The attack on Goldwater was joined by Federation president Albin Gruhn, Retail Clerks International President James Suffridge (representing AFL-CIO President George Meany), AFL-CIO national political director Al Barkan and Undersecretary of Labor John Henning.

President Johnson himself asked for the support of the Federation in a filmed message shown to the delegates.

The convention was also asked repeatedly to devote its energies to the defeat of Proposition 14, the "bigotry amendment" on the state's ballot in November. Principal speaker on the subject was State Industrial Relations Director Ernest Webb.

Superintendent of Public Instruction Max Rafferty spoke on labor's stake in the public education system.

The delegates adopted a number of policies recommended by officers and member unions. They asked for a ban on "right-to-work" laws and professional strikebreakers, for an increase in minimum wages and in overtime rates, for a reduction in the work week, and for extension of these benefits to many not now covered, including farm workers and public employees.

One policy statement adopted by the convention called for comprehensive economic planning in housing, in conversion of defense industries to peacetime uses, and in finding jobs and training for the unemployed.

TOPLESS?

At Resolven, Wales, grocer Ben Richard put up a sign offering "free groceries for the first lady customer wearing a topless dress." In came Catherine Jones, bare from the waist up. Aged 3, she asked for candy and soda pop. She got them—free.

CURB PRO STRIKEBREAKERS

Canton, O., became the 38th city in the nation to enact an ordinance curbing the use of professional strikebreakers in labor disputes. Passage of the law followed 18 months of activity by members of the Typographical Union.

Miniature Wheel at Work; McCloud Dam Shows Progress

By TOM ECK and JERRY MARTIN

REDDING—The work picture here is normal for this time of the year. There were 211 Brothers dispatched the last 30 days.

Following is a partial list of companies and job locations at this time: Gordon H. Ball, Inc., in Redding, is keeping a number of the Brothers busy as well as Ferry Brothers, subbing on this project.

The N. Fadel job, at Anderson, is off to a good start. This Company brought in a "small wheel" in comparison to the ones used at Oroville and Los Banos dam-sites) capable of excavating and loading out 500 tons per hour under ideal conditions. At the present time they are moving 300 per hour. It is called a MX 500, manufactured by Mechanical Excavators in Los Angeles and is a real earth-eating machine.

Fredrickson & Watson is moving along, both the Red Bluff and Corning jobs have large crews of Brother Engineers. The H. K. Ferguson Company at the new Kimberly-Clark Plant is still keeping a small crew as well as the various sub-contractors. A. Teichert & Son is working on a wide variety of projects in the Redding Area.

DAMS IN PROGRESS

McCloud Dam is really showing progress, and on August 17, the diversion of the river into the tunnel took place. This is a sign of an anticipated speed up and we hope to have more Brothers cleared to the job. Two very capable Brothers on the job are Stewards Dave Tenney, on an 80-D, and Andy Cantrell, on a ripper-dozer. They are still on a single shift here.

Rothschild, Raffin, Weirick and Piombo Construction are off to a running start on Afterbay Dam and you can certainly see the orange and black color of Northwest draglines and shovels, including one 180-D Northwest 4-yard rig. They are busy building jobsite roads, shaping up the area. Several dozers are busy wading in two to three feet of water pushing and stock piling out of the river bed. Here again we have an old experienced hand running the Stewards job from a D-8 dozer, one Herman Parker, and we all know what a Cat skinner goes through in that rough, tough pioneering when the going is rough. This job is also single-shifted at this time.

We certainly have the Dams scattered out in this area. Morrison-Knudsen is still on a two-shift operation and keeping a lot of the Brothers making good pay checks at Pit 6 and Pit 7, still pouring concrete, mucking out with Draglines and Backhoes so the Batch Plant can go full tilt on the concrete pours.

We are doing our best to see that the Brothers are treated right on these jobs. There are a few Brothers doing "hook work" for the specialty crafts, and when it comes to doing the precision handling of equipment and placement of heavy pieces in and around these Dams we sometimes accuse the operators of sand papering their fingers to get the ultimate feel in the handling (no offense)!

MORE RECOGNITION

Shea, Kaiser, Morrison, Macco on Portals 1-2, 4-5 and 6-7 have variations of double and triple shifts. The Batch Plant was set up and is in operation as they

kicked off the lining of Portal one and are on two shifts now. Here again the ever important Engineers are serving the "tunnel stiffs" and can be proud of the progress they are making under really adverse conditions. "Mike" Michaels the Compressor man on Portal is Steward; and will be setting up Stewards all along these Portals. All the jobs will have Stewards to give our Brothers the much needed recognition of the importance of their jobs and conditions on the jobs.

Peter Kiewit is making good progress on the Pit McCloud powerhouse and have a Linden No. 30 tower crane handling concrete piling and all hoisting for specialty crafts. Here again we have James S. Hedges as Steward and Joe Belue as Safety man.

Out of Callahan, Gibbons & Reed is in some really tough going on two shifts with the 180-D McClellan on days and Arlie Pratt on swing. We will be keeping a close eye on this project.

O'Hair, at Mt. Shasta, is busy is Fredrickson-Watson and showing good progress on the new freeway. Some Brothers have been moved down to Red Bluff on the other Fredrickson-Watson spread.

We have been very busy smoking out these non-union Owner-Operators that don't realize the boundary of Local No. 3. When we sign them up it always gives our Brothers a chance at some more work. A good many of these violators are reported to us by our Brothers and this is the best way we can keep ahead of them.

Your business agents want to emphasize the importance of working in close communication with your Stewards. They are helping all of us in so many ways.

Survey Notes

By DAVE REA



It has been a good year for Local 3 Surveyors with the tremendous amount of canal and dam work going on in the states.

The Pit-McCloud hydro-electric project and KimberlyClark pulp mill in the Redding area are now nearly completed.

These two projects have been the mainstays for Surveyors the past two years. With other projects in the mill ready to be started, the men coming off these two jobs should be absorbed into the new work.

Although home building generally has shown a sharp decline the past few months, the Oakland-San Francisco Bay Area is providing a good level of employment for land surveying. The San Jose area, however, has shown a general tapering off.

One last note: those Party Chiefs who feel eligible for certification should write or contact me in the San Francisco office for further details.

Personal Notes

Continued from Page 6—

on his hip and will be laid up from 6 to 12 months. We wish him a very speedy recovery.

Brother Louis Roseberry is back in the Rideout Hospital and we hope it won't be too long this time.

Brother Jimmy Allen will be going into the hospital for a knee operation, and will be unable to work for some time.

Brother Elmer Lantzer broke his foot at Beale Air Force Base while working for Bing Construction and is still not able to go back to work.

Brother R. V. Rowland called us and said he was going to be admitted at the St. Joseph's Hospital in San Francisco. Good luck to you from all of us.

Brother George Morton is in the Fremont Hospital, as a result of an accident at Yuba Consolidated Gold Fields, August 11.

Brother Gerald Raver is in the Medical Arts Center in Oroville. Stop by and see him when you can.

Brother Edwin Williams was transferred from the Truckee Hospital to the Chico Community Memorial Hospital. In talking to his wife, Ed was seriously hurt when he fell on the job. Knowing Ed though, no hospital will keep him very long!

SAN JOSE

Brother Pat and Mrs. McElfresh, both injured in a recent automobile accident, are out of the hospital and convalescing at home.

Brother Earl J. Smith was recently hospitalized in the Los Gatos Community Hospital with a broken elbow, result of being bucked off a horse. TO "COWBOY SMITH": In the future do all your "highballing" on those 20s. It's safer!

Brother John Stephens is still convalescing after heavy surgery.

Brother Joe Pereria is very ill and hospitalized in Santa Clara County Hospital.

Thanks to our Blood Donors: James Kelly Jr., Geronimo Machado, Robert E. Martin.

Pensioned Engineer, Burrell Borden, has the answer to the retired problem. Borden found time was hanging heavily on his hands. He bought an outfit and is now in the rug cleaning business in Santa Cruz, and making nothing but money. His telephone number is 423-6299, and if you live in the Santa Cruz area and want the rugs and carpets in your home cleaned, give Brother Borden a call.

Our condolences to the families of the following Brothers who are no longer with us: Clarence Boggs, S. S. Purrington and Roy Trumble.

Inter-Line Power Transmission Agreement OK'd

By A. G. BOARDMAN

An agreement was reached last week between State and Federal authorities and private power firms for the biggest power transmission operation in the United States. The proposed Pacific Northwest-Southwest Power Inter-tie plan, now to go before Congress, would have a 3.9 million KW capacity and will cost some \$700,000,000.

The Inter-tie is based on the age-old problem of poor distribution of resources, people, and markets. Now, some \$20,000,000 a year in power potential on the Columbia River is going to waste. Peak production on the Columbia occurs in summer, just when the peak load is needed in California and Arizona for heavy irrigation and air conditioning. In winter, more power is needed in the Northwest for heavy heating loads.

The proposed Inter-tie would provide construction of two 500,000 volt lines from the Bonneville Power Administration to

—Continued on Page 16

Credit Union

1660 Members Pool Savings Since February

By BILL METTZ

During the past month education meetings were held in conjunction with the Safety Program at eight locations in California. The meetings have been well received as shown in the increased membership in the Credit Union as well as applications for loans. As of July 30th the membership was 1,660 with an outstanding share balance of \$135,630.21. An amount of \$119,353.05 is loaned to 286 members.

Last month's "Engineers News" carried a question and answer article comprised of information many members asked for.

Additional information you should know, is that by action of the Board of Directors, June 28th, all loan applications must be cleared through the sub-office of the District in which the member lives.

The Credit Committee meets each Thursday at 10:30 a.m. in San Francisco to review all loan applications. If the loan is granted, the check for the loan is available in San Francisco on Friday, or at your District sub-office on Monday of the following week.

The officers of the Credit Union are always interested in your personal or financial problems so feel free to contact us at any time by telephone or correspondence.

The purpose of your Local No. 3 Credit Union is to assist the members who have financial problems, encourage thrift and advise the members of the value of a systematic saving program by the regular purchase of shares. Remember that your share account is your best collateral plus the fact you have Life Insurance coverage.

Quarterly meetings for September will be: San Francisco, Sept. 3; Oroville, Sept. 23; Oakland, Sept. 16; Sacramento, Sept. 29; San Jose, Sept. 30.

Six Freeway Jobs Strengthen Eureka's Sunny Work Load

By RAY COOPER
CURLY SPENCE

EUREKA—Up in the Great Northwest of Sunny California in the Eureka area everything is very good, with six big Freeway jobs going.

Pomroy & Gerwick have the driving of the pile on Granite's and Moseman's job across the Klamath River, just above the old Klamath Bridge at Klamath. The present old bridge at Klamath will remain for awhile as a landmark for the fishermen. Granite Construction Company has some of their dirt moving spread on the North end of the job. There is about one and a half miles of four lane highway to include with the bridge.

On the South side of the Klamath River bridge, Wunderlich Company has eight miles of highway work on highway 101. They have two shifts working on the clearing and in the shop—going five and sometimes six days. On the big dirt spread, they have the job well lined out now. The jobs are going real good; no problems, and Pat Stewart, the superintendent, runs a well organized job. They are making good headway, moving lots of dirt, and most of the dear Brothers are happy on the job.

Granite Construction Company has their Freeway job practically finished on Highway 101, by-passing McKinleyville. They have two big Hot plants side by side, and are really putting out lots of "Hot Stuff." They tell us that they will finish the job on time, but they will have to go fast. There is a good crew of Engineers on the job, and we know they will make it.

Granite Construction Company Freeway job on Highway 229, near Blue Lake is well along. They have a big dirt moving spread on this job, there are a lot of real good dirt hands there, and they are really moving dirt in a big way.

Morrison Knudsen's two big Freeway jobs are well along. The dirt is all moved on the Phillipsville job on Highway 101, and the bridge across the Eel River is almost completed. They are just starting good on the Dean Creek job on Highway 101, and are running two shifts.

Mercer Fraser Construction Company has most of the Cement Treated Base down, and part of the Hot Stuff. It won't be long before the traffic will be moving along the beautiful Eel River in Humboldt County. However, the sportsmen have one complaint—it will spoil the fishing spots along the river. The noise from the big diesel trucks scares the fish, and they get nervous and will not bite so good; but those little things happen along with lots of other problems when there is a new Freeway built through any part of this great country of ours.

Crook Brothers Company will be finished with their clearing job this month for another stretch of Freeway on 101 between Redcrest and Scotia. This job will probably be advertised for the dirt moving next year.

Hooker Construction Company will finish their highway job this month between Fernbridge and Ferndale. This will be a nice straight highway. The local Dairy Ranchers do not approve of the

highway going through their ranches, but you just can't hold back progress.

Piolar Construction Company hopes to finish their sewer job in Eureka next month.

Foster Drayage Company has a rig on the unloading of the chips at the old Holmes-Eureka site, and is keeping his other cranes busy around town on various jobs.

Burman and Sons Company has a couple of rigs up around the Ruth Dam and the Reservoir doing some work on slides and repair work.

Innis and Wright Company have their cats on the Highway 36 above Bridgeville. Giardano & Sons have equipment on the same job. This is hourly rental work for the State.

Art Tonkin Logging Company has a County road job between Bridgeville and Kneeland, and are working the Brothers long hours.

American Paving Company and Savage Rock Company will finish their twenty nine miles of reblanketing job on Highway 101 between Trinidad and the Del Norte County line this month.

This month C. and N. will finish their job grading on the Junior High School site and move to the New Junior High School in Cullen. C. and N. has most of their dirt moved on their job on the county road between the Coast and Petrolia.

S. Herrington Construction Company has most of the cribbing finished on their job on Highway 96 between Hoopa and Weitchpec.

Cervanti and Sons has most of the sewer line and drainage liner in on the school job on S Street in Eureka.

Murphy Pacific Corp. of San Francisco has the job of raising the barge "Lumberjack," that sunk off the South Jetty at the entrance of Humboldt Bay. We have Engineers working on two drum hoists, a truck crane crew and a compressor man on the job. The company will weld tanks and place balloons to the "Lumberjack," then pump the tanks full of air until it floats. Then they will tow her out to sea and sink her for keeps. At the present time, the "Lumberjack" is so near to the entrance of Humboldt Bay it is dangerous for the barges and ships entering the bay. Floating the big "Lumberjack" will take a lot of doing and time on account of the rough seas.

Chandler and Newman hope to finish their highway job on 299 near Redwood Creek this season. They have been going along in good shape, not too many delays or break-downs. McKnight and McIntosh Gravel Company from Willow Creek has the job furnishing gravel for the Chandler and Newman highway job.

HONESTY PAYS

In London, England, Fred Skinner has learned honesty really pays off. Five years ago he found a purse containing 1,000 pounds (\$3,000). He turned it in to police, and got a \$300 reward from Frederick Heenan, the owner. Heenan died later, but not without remembering Skinner in his will. Now, under a settlement of the estate, Skinner receives \$90,000.

Cochran & Celli

Recap for Economy



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Oakland

Echo Canyon Road Job Largest In Utah History at \$5 Million

By HUGH BODAM, JAY NEELEY, MERLIN BOWMAN, LAKE AUSTIN, JOHN THORNTON and VANCE ABBOTT

We attended the Utah State AFL-CIO Convention held at the Steelworkers Hall in Orem, Utah on August 3, 4 and 5. A number of resolutions came out of this Convention which will benefit all organized labor. Guest speakers presented a great deal of information which will be of value to us.

Merlin Bowman, our agent in the Oregon Area, was elected to the Executive Board of the Utah State AFL-CIO. There were 300 delegates representing all Unions in the State of Utah.

The delay in awarding the big job in Echo Canyon, which Morrison Knudsen Co. was the apparent low bidder, resulted in a congregation of many people in the small community of Morgan, Utah. Right-of-Way disputes with the railroad company, whose line parallels the job for 12 miles, has been the cause for the delay in the award. This will be the largest road job to be let under single contract in the State to date.

The job includes over a million yards of rock which the company hopes to move with scrapers. They will work as long as possible this Fall in the rock. Brother Russell Culp will run this job as Superintendent. The total contract is about \$5,000,000.

Steenburg Construction Co. is progressing on Lost Creek Dam and have the cut-off trench cleaned up and grouting is in progress. They will be starting to put classified fill in place shortly. There are 26 Engineers on the job, and as the fill progresses more will be added.

Floyd S. Whiting Company's job on the Weber River is making a river channel change in preparation for a freeway job. A fine crew of engineers helped this contractor do a tough job and make a profit.

The scene at the damsite at East Canyon is showing some change. They have finished construction on the work area for the crane. They built this crane work area atop the existing dam which was only 5 feet wide on the top. They have fabricated the steel for the work area, laid the floor and braced from the floor into the concrete of the dam.

A lot of concern and comment have existed since this plan was divulged. The Bureau of Reclamation engineers feel that the work area is safe. Brother Hugh Sutton is operator of the crane and Brother Henry Gwynn is oiling. The work area is approximately 200 feet over the canyon floor. Miya Brothers is working on the new road from Henefer to East Canyon Dam.

TWENTY-FIRST SOUTH

Tiago has gone on overtime to get the job rolling. The pipe problem seems to be out of the way now and there is a fleet of trucks hauling from Clyde's 45th South pit. The piling on the bridge over Jordan River is complete. Raymond Concrete had long-leads Manitowac to drive the piling. This is another job which could go until the cold weather stops it.

L. A. Young's Bacchus job is almost completed and some of the Brothers have gone to the

small dam job in Tooele, which has some pipe problems holding the job back, but as soon as they are solved the dirt should fly.

KENNECOTT COPPER

At the Kennecott Mine an agreement between the Union and company was reached after several meetings and an all day session on August 23rd. We feel we negotiated a good contract and increased the benefits and working conditions for the members. This is subject to ratification by the members at Kennecott. At this time we would like to thank the negotiating committee for a job well done. The participating members were Stewards Reed Erickson, Tom Bills, Joey Badovinatz and Kay Stewart, along with Representatives Hugh Bodam and Lake Austin.

Work in the 9th South to Point of the Mountain area has been good for the dirt movers but it is slowing down for the rest of the Brothers. Some of the employees are working two shifts and long hours with the dirt equipment and laying off the crane operators. There is some work for the piledrivers that could start by the time this is printed and that in turn would improve the crane work.

S. S. Mullin had a few of the Brothers working for a couple of weeks to make a change on the west end of its job, but that job is about topped out. Sumsion & Son has the paving done and the State will probably open this road before too long.

Strong Construction Co. is still going full blast on their job on the 24th South Freeway but has run into a mud problem at this writing. They have a dragline working two shifts to move some of it. This could develop into a big problem.

Gibbons & Reed's Parley Canyon project moved in a Kol-Cal loader to help move the dirt. This job has 35 Brothers working, and will probably go till the snowballs fly. The 1201 Lima is setting pipe and doing some drag line work.

NORTHERN AREA

Work in the Northern part of the State looks good with a few jobs ending and new jobs taking up the slack. However, we still have a few men on the out of work list. This has been a very unusual year with a very cold wint, no spring to speak of, with a heat wave in July and through August 20th, and then the thermometer dropped to a cool 42 degrees.

The Morrison-Knudsen Company at the time of this writing is the apparent low bidder on the Echo Junction Job in Weber Canyon. This job has not been awarded. M. K. is not going to start the job until it has been awarded.

J. B. Parsons Construction Company, on the freeway job at Roy and Ogden has been bringing in more equipment.

Skyline Construction Company has school jobs in Ogden, Roy and Clearfield.

W. W. Clyde Construction Company's job at Willard Bay is just about complete. Most operating engineers here have been transferred to other jobs. W. W. Clyde has put most of them on the Wanship project.

PROVO AND SOUTH

The peak of the season seems

to have arrived in Southern Utah with our Provo out-of-work list and the temperatures high.

The building program for the Brigham Young University Campus has leveled off for the first time in 10 years; two major building projects have been completed. Garff, Ryberg and Garff and Oakland Construction have finished the "Y" Student Center and Christian Brothers Construction Company is finishing up the five seven-story dormitories. Also nearing completion is the Fine Arts Building, which was built by Alfred Brown Construction Company. No new work has been scheduled on the Campus in the near future.

Pacific Pipeline Construction is ready to start coating pipe at their new facilities near the Geneva Pipe Mill, according to C. O. Sloan, Superintendent. The company has 18 months work with possibilities of more contracts after that.

Loudermilk, at present, has 27 operators on its job at Indian Canyon. This Company has had trouble holding their cuts, until the State allowed some benching. We hope this will solve this safety problem.

R. A. Heintz is making good progress on the Pipeline-Canal coming from the Joes Valley Dam. Nineteen operators are employed on the job.

On Interstate 70, Strong Company is going with a full crew of 30 operators, and if all goes well, should be working through the Winter. M. K. Company is all but moved out with only a handful of operators loading equipment. Most of their crew is expected to transfer to M. K.'s new job at Echo Canyon.

S. S. Mullen Company has nearly completed the structures on the Joes Valley Dam and will soon start with the earthfill. Thirty-one operators are on the payroll with more expected within the next few days.

Several Micro-wave stations are keeping some Engineers busy throughout the southern part of Utah with Henger Construction, Olson Construction and Universal Construction doing the structures and Whiting and Haymond and E. S. Kelton Company doing the roads to them.

W. W. Clyde Company started digging in the Provo Spanish Fork Section of I-15. They are setting up a belt loader and iron separator at the Ironton slag dump. They also have some equipment preparing the haul road and some of the structures and as soon as this preliminary work is completed the operation should pick up. This company has two other jobs in the Southern area that are nearing the final stages: one at St. George and another at Marysville should wind up in early fall.

Stout Construction is making good headway on both their jobs near Cedar City. One at Kolob Park is very near completion. This has been a good Summer job in the high country. The next section of this road will give access to some of the most scenic park area in the State. The Brothers on this job say its one of the best they have been on and hate to see it end. The present contract ends right at the threshold of this breath-taking

Apprentice Corner

Young, Growing Program Is Key to Successful Results

By DANNY O. DEES, A. A. PENNEBAKER, ROBERT LONG, JACK McMANUS, ED MIDDLETON and LOU JONES

Work for apprentices is progressing very well in the Northern part of the State. Many of the apprentices are working and most of the reports are favorable toward the craft. The apprentices in the valley would appreciate some of the shade of the Redwoods and the men in Eureka would like a longer work season. We can't all be happy, but we can make the most of what we have! Beautiful scenery, good working conditions and a young, growing apprentice program combine to balance the books in that respect.

The following employers are using apprentices and building plants, roads, bridges, dams, powerhouses, canals and even moving mountains. It's rough, tough work and we wouldn't want it any other way!

Fredrickson and Watson, Peter Kiewit, Morrison and Knudsen, and Gordon Ball in the Redding Area; Clifford Bong, G. S. Harrington, Wunderlich, Alliance Construction, Barnhill and Johnson, and Hoffman Construction in the Eureka area and Oro Dam constructors in the Marysville area.

These and many more are aware of the program and are helping the men "get started" by employing them on days, swing and graveyard shifts. We hope more men will be employed before the work season ends.

The Sacramento Area is really going good at this time. American River job at Hell Hole, French Meadows and Ox Bow are still using a number of our apprentices.

The Granite job at Rowling's Dam is using many of our young men as does Fredrickson and Watson Co. on the Highway 40 job and Guy F. Atkinson also has a number of apprentices on their jobs too. A. Tiechert, Lentz Construction and Brighton Sand and Gravel are using several apprentices. Knockberger and Joe Vinci, at Placerville, are using a number of our men.

Things are picking up due to many new jobs. O. K. Mitty Dam

scenery. The next contract will go into the canyons and forests of this rugged high country and will be an attraction to residents and tourists.

The new beneficiary plant of Utah Construction & Mining Company at Cedar City is getting the bugs worked out and the Brothers are beginning to make it pay. It is now running three shifts, and the company intends to keep it in operation as much of the season as the weather will permit. This is good news for the men working this operation.

There is a much brighter outlook for future construction work in southern Utah with what looks like the sure passage of the Dixie Project and the Canyon Lands Park area. These projects have been fought for long and hard by both the citizens and the local state Legislators and we must commend them on job well done.

PERSONAL NOTES

Brother Claude Hill is in the hospital with appendicitis. We wish him a speedy recovery.

Brother Cleon Jackson recently broke his leg on the job and will be laid up for awhile.

Our sincere sympathy to the family of Brother Elver Golden who passed away. Elver put up a long hard fight with much determination.

job, in Ione, will use Heavy Duty Repair Apprentices when their yard is set up.

Granite, Claude C. Woods and Fresno Paving are using apprentices on road jobs on Highway 4 out of Camp County. S. M. McGaw, A. Tiechert, and Claude Woods are using our apprentices in the shops.

Match at Modesto road job on Highway 99 has one Grading and Paving apprentice, while Murphy Brothers is using a Heavy Duty Repairman Apprentice. The McNamara road job, at Tracy, is using a Heavy Duty Repairman and will add more as the job is underway. We hope to put some men on the Western Construction Job as soon as they get moving on the canal jobs.

The Fresno Area is very busy and looks like it will get busier. The new Dam, at Exchequer, is off to a good start. Dravo Construction has this job and will use four apprentices. Standard Materials have apprentices working on jobs at Merced, Madera and Highway 33.

All shops in Fresno are busy with Fresno Paving, P.C.A., and William Lyles hiring apprentices and are very happy with them. San Luis Dam apprentices are on all jobs there for Guy F. Atkinson, McNamara, Boyles Drilling, Gordon Ball, Morrison-Knudsen, Brown and Root, Utah Construction, Industrial Asphalt and San Luis Materials. This is a very good place for our apprentices as they get a chance to work on all the newest equipment.

All of us on the J.A.C. program would like to take this opportunity to thank all of your Journeymen of Local 3 for the magnanimous job you are doing in the field helping train apprentices.

District Meetings

October

DISTRICT 1

San Francisco—Oct. 7, Wednesday, S.F. Labor Temple, 16th and Capp Street, 8:00 p.m.

DISTRICT 4

Eureka—Oct. 13, Tuesday, Engineers Bldg., 2806 Broadway, 8:00 p.m.

DISTRICT 7

Redding—Oct. 14, Wednesday, Engineers Bldg., 100 Lake Blvd., 8:00 p.m.

DISTRICT 6

Marysville—Oct. 15, Thursday, Elks Club, 920 D Street, 8:00 p.m.

November

DISTRICT 3

Stockton—Nov. 3, Tuesday, Engineers Bldg., 2626 N. California, 8:00 p.m.

DISTRICT 9

Watsonville—Nov. 5, Thursday, Veteran's Memorial Bldg., 215 Third Street, 8:00 p.m.

DISTRICT 8

Sacramento—Nov. 10, Tuesday, C.E.L.&T. Bldg., 2525 Stockton Blvd., 8:00 p.m.

DISTRICT 2

Oakland—Nov. 12, Thursday, Labor Temple, 2315 Valdez Street, 8:00 p.m.

\$4 Million Aggregate Mine to Kaiser Needs for 30 Years

By ED HEARNE, TINY LAUX, NORRIS CASEY, RED IVY, STAN GARBER, JERRY BLAIR

OAKLAND — A \$4 million aggregate mine, expected to produce for the next 30 years, is planned by Kaiser Sand and Gravel in the Niles Canyon area one mile west of Sunol in southern Alameda County.

Kaiser officials indicate the aggregate mining operations will be moved by rail to market centers in Oakland and San Francisco.

As the aggregate is dug out it will be replaced by "other material," which eventually will be the basis for forming a recreation area to include: golf course, picnic grounds, athletic field and shallow lake for fishing.

The City of Oakland is "toying" with an idea of building a large pumping plant in Lake Merritt adjacent to the auditorium area. Purpose of the pumping plant would be to control flooding in the East 12th street area due to excessive winter runoff and tidal action of bay waters.

SOUTHERN ALAMEDA

Peter Kiewit's work on the pump house and canal near Byron is in the wrap-up stages, although one can still see seven growing 562 double end Allis-Chalmers scrapers coming over the hump. The main cut for the pump house to the top of the cut is 245 feet, which is rock bottom and 30 feet below sea level. Guy F. Atkinson will be moving in shortly to set the pumps on this job.

Green & Winston's job near Byron looks like a real pipe-line job as the pipe is being put in the ditch instead of laying on the bank.

Granite Construction is well on with their pipe-line job from Livermore to Sunol areas, and should be finished in less than 90 days.

Kiewit's Turner Dam job at Sunol is another project coming to an end. Brown, Inc. has been hauling material from the far end of this project to the dam site and this will come to a halt in two weeks. One reason is the dam is getting so high and it will be so narrow that the big tandem trailers being pulled by a 660 cat will not be able to turn around on top of the dam without a great deal of trouble. Therefore, the remainder of the material will be moved with the scrapers.

Fred J. Early was awarded the job for the filtration plant located near the Calaveras Dam. This is a \$4,000,000 project and much of the work will be done by subcontractors. They expect to start this month.

Green & Winston's Dublin Freeway job will have a short delay until the overpass into the San Ramon Country Club and Village, being built by Jack Adams Construction Company, is finished. Then traffic will be rerouted and the old entrance removed.

FINN FLOOD CONTROL

Finn Construction, on the Alameda County Flood Control Alamo Canal, Arroyo De Laguna Project has moved about 500,000 yards to date. Somewhere in the neighborhood of 750,000 yards of muck is left to move. This spread has approximately 40 operators, oilers, etc. There are three drag lines and one Northwest backhoe,

plus all the rubber equipment now operating. The rubber spread is running two shifts. One of the obstacles on this project is the abundance of water and mud. The main reason for this project is to widen the channel for flood control, which in turn puts a fill in for a future Volk McLain Housing Tract. Also the filling of the old channel in turn will make way for the new Dublin freeway. This spread is supervised by Sil Mondot.

DOWNTOWN OAKLAND

In the downtown Oakland Area there has been a number of fair-sized contracts awarded recently with the new Oakland museum heading the list at a cost of \$5,200,000. This job is located on Oak Street, between 10th and 12th Streets, and went to B & R Construction Company of San Francisco.

Williams & Burrows received a \$3,176,770 contract to construct 200 units of housing at the Alameda Naval Air Station, Alameda.

The U.S. Army Engineers awarded McBroom-Cecchini Co., of Oakland, a \$903,712 contract to build a U.S. Army Reserve Center at the Oakland Army Terminal.

Steiny and Mitchel, Inc., of San Francisco, has \$800,000 worth of work renovating the "old" Caldecott Tunnel.

The L. C. Smith Co., of San Mateo, was the low bidder at \$1,596,000 on the 1.3 mile stretch of Warren Blvd., between Atlas Avenue and the MacArthur Freeway.

Another Army Engineer job went to the Macomber Construction Corp. of Nevada, for \$431,000, to construct a dispensary and dental clinic at Oakland Army Terminal. Murphy Bros. Inc. of Berkeley has a \$236,776 sewer job on 35th Avenue in the Foothill Blvd. area.

Ransome, Gallagher & Burke and O. C. Jones all are keeping their paving crews on street work for the City of Oakland and other municipalities in the area.

Piombo Construction Co. is three months ahead of schedule on the excavation for the new Oakland-Alameda County Coliseum on Hagenberger Road. This is due to the lack of the water problem the company expected to run into when they bid the job, and if their luck holds they should have the excavation pretty well completed by mid-September. They have approximately 35 engineers on the job at this time.

The Peterson Tractor Co. added a number of engineers to the payroll recently and are approaching 200 total number of engineers employed. Brothers in the San Leandro shop are working under the watchful eye of Brother Tom Forsell, as steward, and Brother Don Robertson, safety committee man. Brother Duane Johnson is the steward in the parts department.

UPPER CONTRA COSTA

Winton Jones started on a dirt job at Shell Oil in Martinez where there is 2 million yards of dirt to move to prepare the site for a new addition to the refinery. The new work will cost \$80 million and is scheduled to start around the first of the year.

Brother Winton has been in the rental business in this area, and has moved into a new field

by going into the large scale dirt work.

He has had to purchase more equipment and reorganize his men to do this job. Personnel on the job are: Brothers Ben Floyd, Project Superintendent; Neely Foulger, foreman; on dozers, James Gorham, William Weathersbee, Marvin Durflinger, and Frank Brown. On rubber: Brothers Jos Pereira, Fred Schwartz, Don Cooper, Ken Lowe, William Trost and Paul Jarvis. Compaction equipment: Brothers Victor-Mullinix, Walter Grant, Jim Ferguson and Dick Mansfield. On blade: Brothers Barney Baker. The maintenance crew is headed up by Brother Fred Schalesky. Brother Fred has been mechanic for Winton Jones for a number of years. He is being assisted by Brother Gordon Boweman, and Brother Harold Andress is on the grease truck.

As you travel in Contra Costa County you can see most any kind of work. Guy F. Atkinson nearly completed the paving on the job from Walnut Creek to Danville. All that is left is clean up.

Gordon Ball Company is completing the freeway job through Concord, and Guy F. Atkinson is in the final stages of Briones Dam. This is a job that has been going for nearly five years.

New jobs in progress since the last month:

Eugene Luhr on the channel job near Avon.

The Peter Kiewit and Sons job on the docks for Shell Oil Company.

Utah Dredge job in the channel near Martinez.

Oscar Holmes Inc. started a job in Brentwood for 5 miles of re-alignment and relocation of a canal.

There are many new sub-divisions going in all over the area. These make work for many of our brothers. Gallagher and Burk, Martin Bros., Frank Beach, Al Urricelqui, M.G.M. Construction, Lite Crete Construction and Lyle E. Trentz and many more keep crews going full blast in the sub-division work.

June 24, 1964

Members of Local 3

We wish to thank the brothers and their wives of Local 3, that donated to the Blood Bank.

One never realizes the importance of having a supply of blood until a need arises in the family. As in my case it meant the difference between life or death.

Hah it not been for a supply of blood that could be obtained in minutes, I would be a notice in the Obituary Column, instead of being able to write this letter of thanks.

Local 3 is trying to get a reserve supply of 150 units to have on hand.

Remember we never know when and for whom the need will come and you could be just as much in an emergency as was my case.

Thank you again.

Mr. & Mrs. Roy Epps
500 Norvell Street
El Cerrito, California
526-4931
reg. 339777

GET ON THE BANDWAGON; JOIN THE BLOOD BANK

OAKLAND — Alarmed by an apathetic response to repeated calls for blood donors in the Alameda-Contra Costa counties area, the Oakland business office this month announced broad plans to "try again."

During the year, 39 pints of blood were used by Engineers or members of their families. Coincidentally, during this period of time, 37 members and wives donated exactly 39 pints of blood! There is no surplus or reserve.

Treasurer Don Kinchloe started the new approach by naming 46 Blood Bank team captains throughout the district, who in turn will contact every member and secure a pledge of one pint of blood to those who will cooperate with the plan and are physically able to do so.

Cards will be prepared in the Oakland office and sent to the captains. Adjacent to this story, is a list of names of the captains and cities in which they operate. Telephone numbers are available, and if you decide you want to get on the "Blood Donor Bandwagon" early, call the captain in your area and make an appointment through him.

The Oakland office plan is designed to keep a reserve "account" of 150 pints. When the level dips to 75 pints, the captains will make contact with the Brothers. It is estimated that through this plan no one will be asked to donate more often than once in 18-24 months. It was pointed out that one person, in one sickness, used 74 pints of blood!

Kinchloe likened the system to dollars in the cookie jar — its there when a Brother Engineer or member of his family needs it.

MEMBERS AND WIVES WHO HAVE DONATED

Charles Bent, Albert Muns, Mrs. Dora Barber, Robert N. Gonzales (2 pints), Walter D. Jackson, Junior D. Humphrey, Tee Zhee Sanders, (2 pints), Robert L. Pemberton, Clarence E. Graham, Carl D. Barnes, Lloyd Lyman, Arthur J. Schanbach, Thomas A. Byars, Monte C. McCormick, William A. Rogers, Roscoe Passmore, Paul N. Landstrom, Guy G. Jones, James P. Quinn, Harry Y. Miyashiro, Jesse G. Burns, Paul W. Jarvis, William F. O'Donnell, Jack H. Cranen, Jessie Bohannon, Roy Epps, D. O. Hawkins, Mrs. Myrna Williamson, George H. Vickers, Milton M. Rognlén, Edward L. Burns, Mrs. Alfred H. Biven, Glenn W. Tankersley, Oliver Abrew, Robert N. Gonzalez, Loren A. Ross, Kenneth L. Swinney.

BLOOD RELEASED DURING 1964 AND NUMBERS OF PINTS EACH

Mary Ransom, 2; Charles Flanders, 2; Benjamin Kimbrel, 4; Edith Hutchins, 5; John M. Gafney, 2; Carrol Barber, 8; Carl Epps, 7; Jack Roy, 7; Mildred Jones, 2; Total 39 pints.

In Appreciation

Many thanks to our Treasurer, Don Kinchloe, for obtaining a refund of a large part of the sum I paid for blood transfusions during a recent surgery, and for replacing the seven pints received.

When approached about the issue his response was instantaneous and generous and only a day later I was notified that the refund would come and the blood replacements made immediately.

It is a mighty nice feeling to have a man like Don in our Union office. We are sincerely grateful to him.

Thanks also to the donors who unselfishly gave their blood so I could have so much.

Sincerely,

Carrol T. Barber

268 Boyd Rd.
Pleasant Hill, California
reg. 490907

AREA CAPTAINS AND PHONE NUMBERS

Pleasant Hill	
CHUCK BRAY	YE 4-7366
BUD RICH	682-8531
TROY MANZER	MU 8-8151
Alamo	
WAYE SCHLOSSER	YE 4-8312
Concord	
AL MUNS	MU 2-4895
FLOYD LYMAN	MU 2-5781
TOM KENNEDY	MU 2-8471
ROLAND RIDGEWAY	MU 5-7587
BILL ROGERS	MU 6-2808
TOM BYARS	MU 5-5203
Martinez	
BILL VAUGHN	AC 8-2661
MALT MEDINAS	None
Port Chicago	
F. H. BURLISON	458-1170
Pittsburg and West Pittsburg	
MICKY ROGNLIEN	432-3281
GUY BASILE	HE 9-5834
DAN SANTA MARIA	GL 8-2465
Antioch	
DOLA WORSTER	757-1684
Oakley, Byron and Brentwood	
BRYANT MORGAN	None
San Pablo	
TINY BURNS	223-9065
Alameda	
VIRGIL GUPTIL	LA 2-5829
Berkeley	
WALT JACKSON	LA 4-3235
Albany and El Cerrito	
ROY EPPS	526-4931
Richmond	
TEE ZHEE SANDERS	CA 3-7265
TOM PERKINS	BE 4-8891
JOHN WADDINGTON	BE 4-4410
JOHN STRAUS	223-5307
Rodeo and Pinole	
MONTE MCCORMICK	Rodeo 2910
El Sobrante	
ROBERT PEMBERTON	223-3088
MYRON STRABEL	CA 3-4297
Moraga, Orinda and Lafayette	
RAY BUTTERFIELD	CL 4-4321
Walnut Creek	
NORMAN YASSANY	YE 4-7994
Fremont Area	
PAT LUNA	SY 3-2341
Irvington, Niles and Centerville	
ROCKY PASSMORE	797-0294
Livermore	
RALPH PRINCE	HI 7-5479
WINDY PHILLIPS	HI 7-3284
TAMO LOPEZ	HI 7-4739
Newark	
AL WENTWORTH	797-0294
RAY WHALEY	797-5670
Hayward	
BILL SQUIBB	782-1075
VERN WALKER	782-2132
Oakland	
FRED BEVIN	NE 2-3671
PAUL LONG	658-8211
JOHN PRINDIBLE	GL 1-4765
PAUL LANDSTROM	OL 8-7091
Castro Valley	
B. C. DOUGLAS	LU 1-0058
GEORGE WILSON	LU 2-9032

Bethlehem Steel Plant Rising At Pinole Point

Bethlehem Steel Company today confirmed in New York an announcement by Wean Engineering Company, Inc., of Warren, Ohio, that Bethlehem had awarded the engineering firm a contract for the design of a new steel sheet galvanizing line to be located on the company's Pinole Point plant site in Richmond, Calif.

The company said it could not at this time state when construction would begin, nor would it comment on possible costs or time of completion.

The new steel galvanizing line is not related to the steel fabricating works facility now under construction at Pinole Point. This modern steel fabricating works is expected to be in operation next year. It represents the company's initial use of the 1900-acre tract acquired last year.

The fabricating works, has begun to take shape with the placing of the first steel framing.

The Erection Tool House, which will be located on the west portion of the 125-acre plant building complex site, will be the first building completed and occupied. The first building will have approximately 34,000 square feet of main floor space. High-strength bolts, produced by Bethlehem in Los Angeles are used for field connections.

Erection of the structure is being done by Bethlehem's West Coast Erection District in Alameda.

The new plant will fabricate steel for the construction of office and apartment buildings, bridges, freeways, and industrial plants.

Silver State Absorbs Work List

By J. B. JENNINGS,
B. J. 'BU' BARKS, and
GAIL BISHOP

RENO—It appears that construction projects in Northern Nevada have absorbed a number of members from other districts throughout Local No. 3, mostly from Sacramento, Marysville, and Redding. This is the largest year in construction for quite some time in Northern Nevada, with an additional job recently awarded for U. S. Interstate 80. The low bidder was Industrial Construction, between Wadsworth and Brady Hot Springs. Work throughout Battle Mountain, Carlin, and Winnemucca is excellent.

Bechtel Corporation is making excellent progress on the gold smelting plant at Carlin, and according to the geologists' report, this is the largest vein of gold that has been found in the state of Nevada. This is the only gold smelting plant in operation in the state of Nevada.

Members in Northern Nevada recently held a meeting in Reno and there was an overwhelming vote for the dues increase.

Also, at our latest district meeting where a special order of business was on the agenda, there appeared to be a quorum of 25, but some of the members still had complaints regarding certain jobs in the Reno area. We are very aware of the fact that there are going to be violations on the jobs throughout the area. It is the obligation of the members of this organization to call these violations to the attention of the representative of the areas in which they are working.

A. Teichert and Son will start operations immediately on the Reno Airport, to provide better facilities and meet the demands for the larger jets that are now landing in Reno.

For the benefit of the members working between Fallon, Nev., and the Idaho state line, the Oregon state line, and the eastern part of Nevada, Brother Jack Bullard was recently assigned by Business Manager Al Clem to the eastern part of the state. Bullard has shown real progress, and has met many members. You will be seeing him on your jobs. It is recommended that you give Bullard your full support as a member of Local No. 3. He will do an outstanding job.

We would like to bring to the attention of the members working in Northern Nevada that in January of 1965 you will be receiving your vacation checks, provided you have the proper address at the Operating Engineers Vacation Plan at 39 St. Lawrence Avenue, Reno. If you are in doubt, drop a post card to the above address stating your name, address, and your social security number. This is of the utmost importance to the administration of these checks. In 1964, more than 150 checks were not mailed because of incorrect address, or no address.

Also, have your beneficiary cards completely filled out and sent to the same address. If you have any new dependents it is also necessary their names be submitted to the office. I realize that the Engineer is usually too busy to take care of these issues; therefore, call it to the attention of the boss of the house, your wife!

Helms Construction has made progress on the Fourth Street job through the heart of the

"Biggest Little City in the World." This is good news for merchants and motel owners in the area, who have taken a financial loss during this period of construction.

MATCH-WELLS JOB

This job has had problems from the start. It has created problems for Local No. 3, and management has had quite a problem hiring four superintendents and a master mechanic change on this project, which has been in operation under six months. However, it appears that all problems are solved.

SAFETY MEETINGS

We would also like to report since the previous "Engineers News," the safety program in the state of Nevada is in full swing, with Brother Fran Walker spearheading the program. Meetings were held in Yerington, Fallon, and Battle Mountain.

AFL-CIO CONCLAVE

Brother Red Warren, Executive Board member from district 11, a crane operator for many years and is known throughout the state of Nevada for his skill and ability as an Engineer, attended the AFL-CIO convention for four days in Las Vegas. Brother Warren has asked that the members throughout the state of Nevada make a careful study of the candidates and the issues prior to the November elections, and then vote. Each vote is important, and the results will have a great effect. Brother Warren also reported that this was a very constructive and working convention. Red has done an outstanding job as your District Executive Board member, and also as chairman of the Grievance Committee, along with the other Committee members, Brother Bob Yturiaga, Brother Lou Gates, and Brother Leonard Miller, who are all old-timers of Local No. 3. They have processed five grievances since the previous "Engineers News" report.

NEGOTIATIONS

We would like to report that we are still in negotiations with the Wells Cargo Shop in Reno and also the Andy Drumn Shop in Fallon, where an election was won. Up to this point all proposals have been unanimously rejected by the employees in the two shops.

At a recent meeting of management and labor, Charles Sweeney, from the C. W. Sweeney Company, outlined new ideas for the Health and Welfare office in Nevada to serve members of this district through automation. This operation is not yet into effect, but another meeting will be held soon to decide on the type of equipment most suited to the methods of this operation.

LAKE TAHOE AREA

Joe D. Miller has started his sewer line job at Heavenly Valley. There are 45,000 feet of main line and laterals to be installed in the next 120 working days. This will keep 10 to 12 Brothers going until the snow flies.

Harms Brothers is working on the old County Road at South Tahoe. Along with this job they have their hot plant and several smaller jobs going. Bing Construction has the bugs worked out of their asphalt plant on Kingsbury Grade and is selling "hot stuff" to one and all.

Del E. Webb Corporation's Tahoe Sahara Hotel-Casino is beginning to take shape at long last. We have 10 Brothers on this one, with Brother Ron Draher as

job steward. We hope this one will provide Winter work.

Cabildo Corporation got the go-ahead from the Forest Service and is now main-lining natural gas over Dagget Pass to South Tahoe. There is a crew working on the service lines in the lake basin. Brother James Elderkin was working on this job when he had a fatal attack. Jim was a real friend and a fine worker, and will be missed by all who knew him. Our sincere condolences to his widow, Helen Elderkin.

Engineer On Archeological Survey Team

(Editor's Note: The following letter was sent to Bill Raney, business representative in San Mateo, Calif. Brother Valdivia, a crane operator for S&Q Co. in San Francisco, is on lend to the University of Alaska on an archeological expedition in McKinley National Park.)

Hi Bill:

I've been in McKinley two weeks after an interesting trip up. We drove from San Francisco through northern California, Oregon, Washington, British Columbia and Canada to Prince Rupert where we put the rig on a large ferry boat for a 36-hour trip to Haines, Alaska. Then through Canada again by car to the Alcan Highway, and Alaska again. North to Fairbanks, where we went to the University of Alaska and got checked out on the potential archeology of Mt. McKinley.

We picked up "topo" and quadrangle maps and a jeep. Loaded both rigs on a flat car for a five-hour rail trip to McKinley, because the highway was washed out. It's 2800 miles by road, and I don't know how far by boat, but it must have been at least 600 miles and very interesting. Up the inside passage with stops at Ketchikan, Wrangell, Juneau, Petersburg and Haines and saw very scenic, tall snow-capped mountains with their feet in the water.

We are situated in the park on the East fork of the Toklot River in a Ranger's cabin. This is the heart of the famous Toklot Grizzly country. It's not bad now; we've only seen 14, one a huge male. In a few weeks when the berries ripen, they'll be all over the area. They are mean and can be very dangerous when encountered unexpectedly in brushy country which is by streams that drown out the noise we make.

I've lost track of the Caribou. They range all over this tundra. In the high, rocky crags are numerous Dall sheep. We have a red fox den about 100 yards from the cabin with seven "kits." The "old man" comes down and sits outside until we throw him some "chow." He sure has a lot of character, and his mate is a beautiful animal and a real lady, as feminine as can be!

Last night we saw a huge black wolf running a Caribou yearling. Don't know if he pulled it down, as they disappeared around a bend in the river about three-fourths of a mile downstream.

As to the archeology, so far we've drawn a total blank as the country we have surveyed is all

Look Around

OPERATING ENGINEER MAY BE SOMETHING MORE, TOO

By BILL RANEY and MIKE KRAYNICK

SAN MATEO—An Operating Engineer is something more. . . . In addition to being artisans at their chosen trade, the Operating Engineer is always something more. Your Officers and Business Representatives are continuously amazed at the industry, acumen, civic-mindedness, inventiveness and sometimes pure genius of so many of our brothers.

Their avocations range from the bizarre to the intellectual in such a degree that to many their job as an Engineer is secondary. We are concerned that this trend is far greater in our craft than in any other. What makes the above so startling is that we notice so many have received national and even world-wide acclaim in their fields.

To list a few: Model Shipbuilders, International, 1st Place Awards; Scuba Divers, Instructors, Businessmen, Treasure Hunters; Archeologists, Authorities with worldwide recognition; Pliers, all shapes and sizes, from Hobbyists to Commercial; Coin Collectors, Exhibitors and Dealers; Stamp Collectors, who earn more than "skinning cat"; Auto Racers, World's fastest Chevrolet, etc.; Commercial Fishermen, many work only part of the year as Engineers; Congressional Medal Winners; Landscape & Gardening, Architects; Chefs, who own restaurants; University Professors; Philosophers; Ball Players, Professional; Bowling, pros and in business selling supplies; Archery, for fun and prize money; Inventors, many with saleable patents; Boy Scout, hundreds work long and hard in this and similar activities; Preachers, at least 6 are active ministers; Race Horse Owners, money winners; Artists, all types, commercial and exhibitors, renowned; Poets, 3 rather good; Writers, published works, fiction and technical; Entertainers, a great many brothers in this field; Musicians, classical and modern; Actors, Films, TV, Little Theaters, Commercial; Photographers, Pro and Amateur by the gross; Antique Dealers and Hobbyists; Researchers, Cattle Breeding to Electronics; Astronomers, Amateur and Discoverers; Real Estate, Agents and Brokers; Financial Advisors, Stock Salesmen, Estate Planners, Insurance Specialists.

Lengthy as this list is, it barely scratches the surface as so many prefer anonymity.

On this page, too, you will read of Brother Valdivia's present archeological expedition in Alaska, a fascinating description of wildlife never seen by urbanites. . . . We think that all engineers are proud of their chosen professions and proud of their fellow engineers' ability. But look a little deeper into your co-worker on the job and you often spot a spark of genius. Enough of the artistic and ethereal and back to the mundaneness of putting "beans on the table!"

San Mateo Area is having a good season that nearly compares with last year except for periods of a week or so at a time when we have been totally devoid of certain classifications of skilled engineers; for example, grade setters, rubber tire scraper operators and heavy duty mechanics.

Most jobs have settled down, however, to where there is not too much turnover of men, but enough to take care of the new work that is forever starting. Some classifications of work seem to be stalemated with few

under tundra. There are Aboriginal sites here, but the under-cover, some of the future country looks promising and I'm sure we will locate sites there.

Prices are sky high here and the slight difference in wages doesn't compensate for them. The only advantage is that during the summer months most of the jobs work long hours, 12 to 16 per day. Then either move out in the winter or starve, but who wants to work hours like that?

Well, Bill, that's about it for space. Could keep writing but no room.

(signed) VAL

orders coming in which causes our out-of-work list to appear abnormally high. A solution to this problem is for every engineer to take advantage of all opportunities to become skillful on several pieces of equipment.

Cabildo Corporation has a pipeline job back of San Bruno that is small by pipeline job standards, but will employ about 20 engineers for a few months.

Sunt Construction Company, from Arizona, will join the mammoth list of contractors on the Stanford Linear Accelerator Job near Stanford University to build \$3,700,000 in buildings.

Foster City is swarming with contractors to an extent that it would take 3 Business Representatives a week to find them.

Luhr & Wendt is finishing up the Serramonte job. Some of the Brothers will be glad to get on another job where they don't have to wear thermal underwear and raincoats all summer. All and all this has been an excellent job. We were saddened and shocked however at the tragic accident recently when Apprentice Engineer Robert Lanterman was fatally injured.

Fisk, Firenze and McLean is moving more dirt than ever. The company and operating engineer staff are showing continuous solid growth over the years. . . .

American Bridge will erect a 2.5 million gallon water storage tank off Junipero Serra Boulevard near San Bruno.

Lowrie Paving picked up another \$250,000 job in Redwood City to add to other jobs in progress.

North Bay Construction Company will be adding considerable facilities to the San Mateo Sewer System.

Oscar Holmes Company is realizing the value and versatility of its engineers and is winning more of the longer earth-moving projects which creates more work for Local 3 members.

Water Resource

California's two United States Senators today introduced a bill to authorize a complete study of the water resources and foreseeable water requirements of the seven-State Colorado River Basin.

The bill would also require that California's right to 4,400,000 acre-feet per year from the Colorado be protected against the proposed Central Arizona Project.

Under the bill, the Secretary of the Interior would be directed to report back within three years as to how much water must be added to the present supply in order to protect existing economies, provide for the proposed Central Arizona Project, assure the four Upper Basin States that they will not be hindered in their development, and meet ultimate foreseeable needs of the three Lower Basin States.

The Upper Basin is composed of the States of Colorado, Wyoming, Utah and New Mexico. The Lower Basin is made up of Arizona, California and Nevada.

Nuclear Plant Study Economically Feasible

By HAROLD HUSTON, W. R. WEEKS, CLAUDE ODOM and RAY PHENNEGER

The work picture in the Marysville District has not made any significant change since last month's article. The dispatcher has been filling "short duration" job orders. We appreciate the way the Brothers have responded in taking these jobs when called. Remember Brothers; the responsibility you have in the hiring regulations to be restored to your original place on the list when your previous employment was "short duration."

At present we still have 277 A and B operators and oilers on the out-of-work list. We hope with new jobs starting the dispatcher will be busy filling the jobs.

SAFETY MEETINGS

We would like to take this opportunity to thank the Brothers

and their wives who attended the Safety and Credit Union Meetings which were held in Marysville in August. We know safety, on and off the job, is important to all the Brothers and their families. We hope the present enthusiasm the members have shown in the Credit Union will continue to grow. Those who do not belong may contact the Marysville District office for information concerning the Credit Union.

ENGINEERS' HISTORIC LIFT

The "Mother Orange tree," said to be the oldest living orange tree in California, has been moved out of the path of the Oroville Dam project. Two truck cranes from Bigge Drayage and Trucking Co., completed the job

started more than 18 months ago. The tree was carried at a snail's pace eight and a half miles from Bidwell to its temporary site. Later it is to be replanted atop Kelly Ridge at a new state park overlooking Oroville Dam and reservoir.

Moving is nothing new for the still-producing Mother Orange tree which has been there for 108 years and had grown in almost solid rock. The tree was previously relocated at the end of the suspension bridge across the Feather River at Bidwell Bar. It has been an attraction of Curry-Bidwell State Park since the park opened. But Bidwell Bar will be 585 feet under water after the Oroville Dam is completed and the reservoir filled.

As construction of the dam continues this Fall the Feather River will flow around the dam-site through two diversions tunnels. A heavy storm this fall could feed more mountain water into the Feather River than the tunnels could divert, and the resulting impoundment behind the completed portion of the dam may flood the Bidwell Bar area.

STARTED FROM SEED

The Mother Orange was grown from seed at 16th and L Streets in Sacramento about the year 1850. The seedling cost approximately \$10 (probably in gold dust) and was planted on the bank of the Feather River at Bidwell Bar in Oroville. The Mother Orange, a Mazatlan, has a trunk diameter of 27 inches and was approximately 35 feet tall before it was pruned. The tree has a ball of roots 13 feet by 11½ feet, three feet deep.

In crating the tree, the crew tunneled underneath, placing one 4 by 12 inch plank at a time. These were blocked with jacks to assure stability. After the planks were placed they were bolted to 8x8 inch timbers so the 35 ton box could be lifted by the two truck cranes.

The history of the Mother Orange revealed that the first Mazatlan orange trees were im-

ported from Spain, via Mexico to California missions. The first orange was planted at Mission San Gabriel, in 1804.

The "Historic Lift" was made by Brother John Ragan operating a P & H 60 ton crane with Brother Gene Wells doing the oiling for him and Brother Jim Huse operating a 40 ton P & H crane with Brother Enos Brown oiling. The moving project cost \$15,000.

BID DATE CHANGED

The date for opening of bids on the Yuba County Water Agency's \$150 million Yuba River Project has been changed from September 1 to September 10 because of, among other things, project revisions proposed by Pacific Gas and Electric Co. The Agency is negotiating a power purchase contract with PG&E which will repay the revenue bonds for the project.

Bids will be opened at 10 a.m. September 10 in the Yuba County Courthouse, under the new schedule approved by the agency board. There seems to be some possibility, however, that an additional delay may be necessary. The latest of the major revisions by PG&E may involve enlarging the Colgate tunnel.

NUCLEAR POWER PROPOSED

According to a recent survey by Fluor Corporation, Ltd., the cost of pumping state project water over the Tehachapi mountains into arid southern California might be cut by 30 per cent, if the state built its own nuclear power plant.

The study indicates a nuclear plant would mean savings of more than \$2.50 an acre-foot of water at the farthest reaches of the California aqueduct, once the system is in operation. The estimate of savings is based on a comparison of the projected cost of the state nuclear power plant and production and costs of private utility power. While the figures in the interim report need refining, the cost advantage to the state is big enough to make it almost certain to effect significant savings to water users by using power from state nuclear plants.

The study showed operation of two state-owned nuclear power plants would cost \$28 million a year once the project was fully implemented. Private utility power would cost \$36.5 million.

FEATHER DIVERSION OK'd

An agreement to relocate the site of diversion of Feather River water in the Sutter-Butte Canal has been signed by the State Department of Water Resources, and the four irrigation district users of the canal. The agreement calls for two outlets from the Thermalito Afterbay, of the State Water Resources Project, to feed two canals serving the four districts.

The districts involved include: Richvale Irrigation District; Biggs West-Gridley Water District; Butte Water District and Sutter Extension Water District. All are acting under a contractual arrangement as the Joint Water Board in negotiating with the state. The Richvale Irrigation District, as part of the agreement, promised to file with the Federal Power Commission, an amendment to delete proposed facilities in the Grizzly Valley area from its application for a power license. Acceptance of the amendment would permit the state to proceed with plans leading to construction of the Grizzly Valley Dam in the Upper Feath-

er Division of the State Water project.

TWO OUTLETS

The Sutter-Butte Canal Diversion Dam diverts about 2,000 cubic feet per second from the Feather River. The relocation calls for two outlets, one at the southeast corner of the Thermalito Afterbay, designed to divert 2,300 cfs, and the other at the northwest corner of the afterbay, to divert 500 cfs. The enlarged capacity will enable the districts to make greater use of their Feather River water rights, according to officials.

As part of the relocation "package" the Joint Water Board has agreed to pay the state a lump sum of \$25,000 in advance of construction for the new outlets. Subsequently, the Joint Water Board will pay \$5,500 per year to the Department of Water Resources, beginning the first year after the new structure goes into operation. This payment will cover reimbursement to the state for operation and maintenance of the facilities.

OREGON HOUSE ROAD JOB

Gravelle and Gravelle Construction Co. had a low bid of \$288,222 for reconstruction and widening of 2.8 miles of Marysville Road in Yuba County between 1.5 miles west of Oregon House and Texas Hill Road. Work on the county road has already moved into high gear with a lot of our brother engineers being dispatched to this job. Connecting with the new section around the north end of Merle Collins Reservoir, the project includes widening the existing 18 foot road to 24 feet and construction of a wider bridge at Oregon House Creek. It is expected to take about five months to complete this job.

ARBUCKLE ROAD WORK

A. Teichert & Son, Inc. started work on reconstruction of 2.6 miles of Grimes-Arbuckle and Tule Roads in southeastern Colusa County. The bid was \$136,000, and consists of widening the route, which is the main east-west connection between Arbuckle and College City, from its present 16 feet to 24 feet to bring it up to Federal Aid Secondary system standards. It is part of the statewide program of upgrading important county roads.

FAS projects are financed jointly with county, state and federal funds. Federal law requires that construction be done by state contract under the supervision of the highway division. The road will not be closed, and the job is expected to take two or three months to complete.

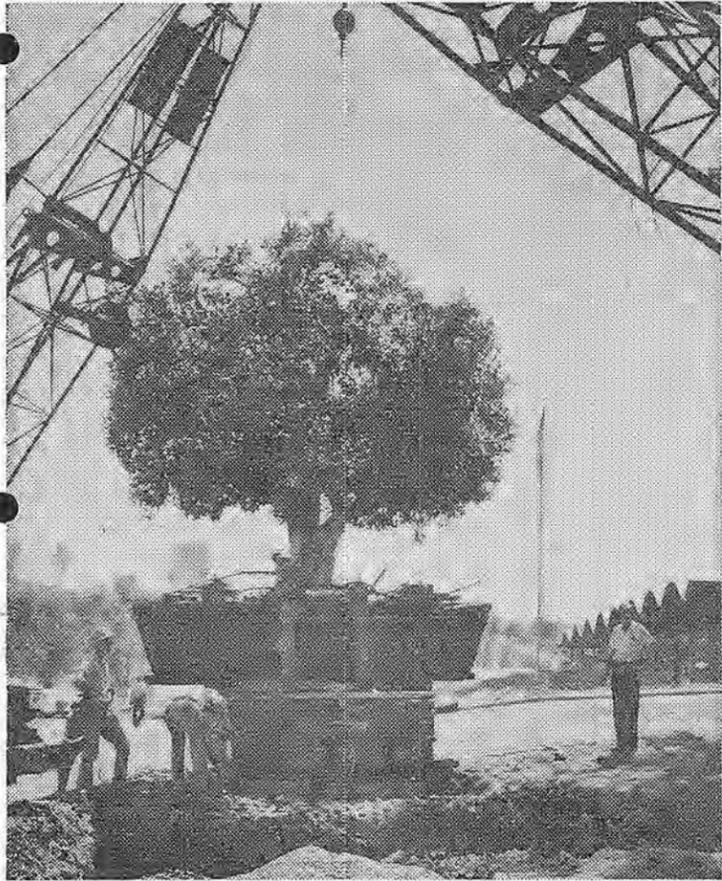
STORM WORK

Work got under way on Marysville's G Street, between Third and Fourth Streets, for the laying of storm drainage pipes. Baldwin Contracting Co., Inc., is installing the new lines in a \$100,000 project which will extend from Second and F Streets, where a storm drainage basin has been installed to Fifth Street. It is part of an overall project to improve storm drainage in West Marysville and provide drainage for a proposed 20 acre shopping center between the Fifth and 10th Street Bridges.

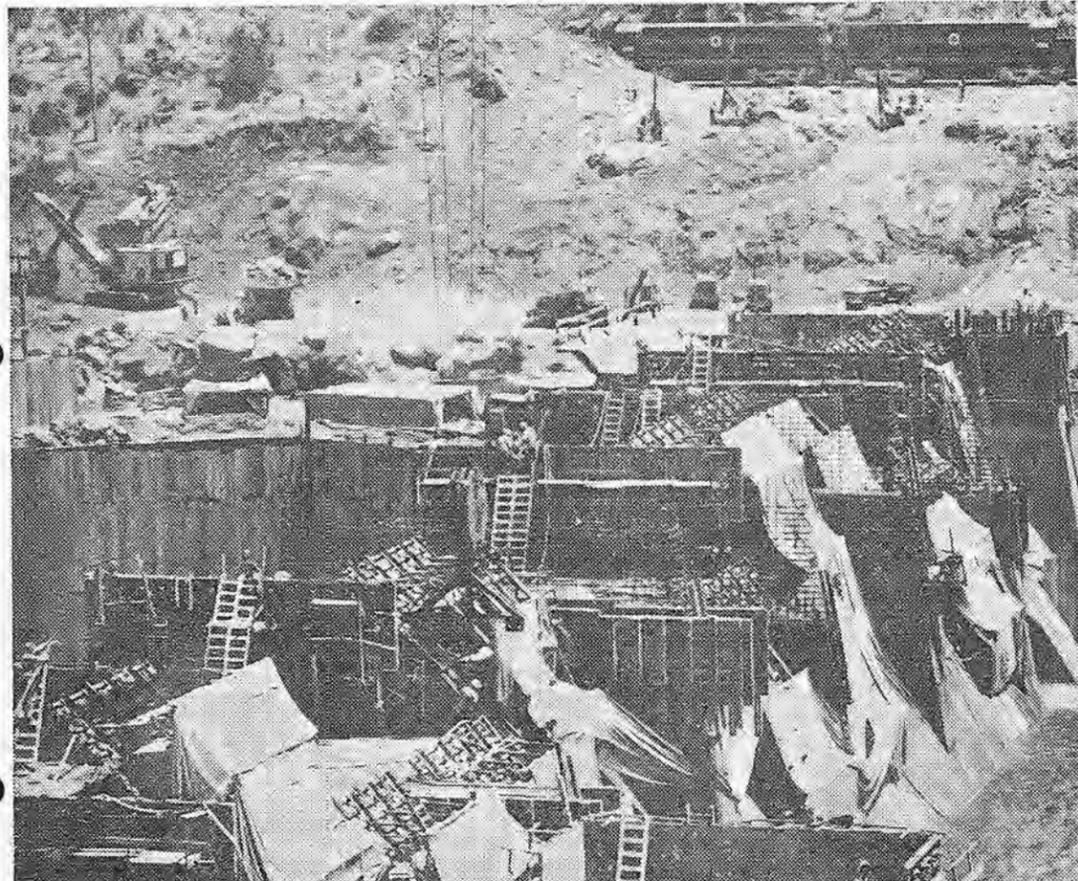
DREDGE RIVER FOR STOCKPILE

The Dutra Dredging Co. of Rio Vista has an agreement with the Sutter County supervisors to move clamshell dredging equip-

—Continued on Page 12



MOVE STARTS—Two cranes lift the Mother Orange tree from its 108 year location at Bidwell Bar on the start of a move to a temporary site pending completion of a new state park.



MAIN STREAM . . . of Feather River, south of big Oroville Dam, was diverted from its natural course for construction of second half of 133 foot diversion dam. Upper left, sending water through existing dam structure. Lower right hole is marked by foam water surges through dam. Dam structure, extending from lower and middle left to center right, is half the diversion dam, a small part of Oroville Dam.

\$20 Mil. Added to Aqueduct

By WALTER M. TALBOT
AL McNAMARA, and
GLENN DOBYNS

STOCKTON—There has been very little change in the Stockton-Modesto area from last month's report which indicated that the demand for engineers had leveled off with no change expected until Western Contracting Corp. commences their canal job near Newman.

Western Contracting Corp. was awarded a \$7,775,000 stretch of the California Aqueduct several months ago, and recently won an additional \$12,500,000 bid adjoining the original contract. To date, no activity has taken place, but we expect to see some hiring done before the end of this month. The two contracts totaling \$20 million give Western approximately 30 miles of the Aqueduct from a point west of Patterson to the San Luis Dam, now under construction west of Los Banos.

M. Malfitano & Son of Pittsburg was awarded a \$1,494,739 contract by the U. S. Army Corp. of Engineers for levee construction and bank protection along the left and right banks of the San Joaquin River between the confluence of the Stanislaus and Tuolumne Rivers.

McNamara Corp. has approximately 65 engineers on the Tracy By-Pass job working on a two-shift basis with the excavation and mechanical crews, and a small single shift which just recently started on the finish and fine grading phase of the job. The "borrow area," on the Chrisman Road end of the project, will eventually become a portion of the Aqueduct System and will parallel the proposed Westside Freeway from Tracy to Bakersfield.

O. K. Mittry & Sons has a few rigs operating on the Jackson Valley Dam, near Buena Vista, at this time and will have more equipment working before this article is printed. The schedule for this year is to construct the outlet structure and excavate for

the keyway. The backfill should be placed next year after the Winter rains. This of course restricts the activity for this season as the bulk of the work will be done next Spring.

Mountain road work is at full throttle now due to a shortened season because of the late spring rains. The contractors are trying to regain some of their lost time with longer hours and more equipment. Although these jobs have been reported in past issues of the "News," a brief rundown is as follows:

State Route 88—Harms Bros. at two locations.

State Route 4—Claude Wood Co. and Granite Const. Co.

State Route 108—Crowell & Larson at two locations.

State Route 120—Toston & Raymond and H. Earl Parker.

Industrial and building construction continues to keep a good number of the brothers employed, particularly crane operators, hoist men, welding machines, small rubber-tired backhoes and handi-cranes of all kinds.

Several jobs throughout the district are fast reaching the completion stages and a few of the larger projects are completed. Jobs nearing completion at this time are: Elmer Wendt's Bear Creek levee job, A. Teichert & Son Stockton-Lodi freeway job, Murphy Bros. Manteca sewer job, Vinnell Corp. Hetch-Hetchy pipeline and Healy-Tibbets San Joaquin River Crossing of the Hetch-Hetchy pipeline.

Bids will be opened September 16 in Sacramento for a five-mile improvement of Highway 4, between Richards Ave. and Charter Way. The project includes grading and paving of outside traffic lanes and resurfacing of the existing pavement. Estimated cost to be approximately \$500,000.

APPRENTICESHIP

Second year apprentices will report to the same classroom they had last year at the San

Joaquin Delta College, Tuesday, September 8th at 7:00 p.m. New class, or first year apprentices, will report to Building G, Room 5, at San Joaquin Delta College, located on Kensington Way, Stockton on Monday, September 14th at 7:00 p.m.

GRADE SETTING COURSE

All members interested in attending a course in grade-setting, please leave your name and telephone number with the dispatcher in the Stockton Office. This course was enthusiastically received and well attended last year and if enough members are interested in this course we will make arrangements to obtain a classroom and an instructor.

CREDIT UNION

Starting this month the credit loan officer will be at the Stockton Office the first Wednesday night each month from 7 to 8 p.m. to serve those members who can not get to the office during the working hours. Applications are available to those who wish to become members of the credit union or who wish to apply for loans or to invest in more shares, either during office hours or on the first Wednesday night of each month.

BLOOD CLUB

Very little response is generated by our appeals to the membership to build up deposits in the "Engineers Blood Club." At this time we have only one pint in reserve. At a recent district meeting in Stockton we suggested that the membership investigate the Delta Blood Plan in which they could participate at a nominal fee (\$1.00 per year per person) which assures each participant an unlimited supply of blood with no replacement required, should the need arise.

More Hotels, Beaches, Golf Courses Planned in Hawaii

By HAROLD LEWIS, BERT NAKANO, CLARENCE FRIEND, and WILFRED BROWN

The Honolulu International Airport is buzzing with activity as deep sun-tanned coeds, surfers packing surfboards, Aloha shirt and Mumuu clad tourists with many souvenirs, and our young local scholars leave Hawaii for the Mainland at the end of Summer.

Although Summer has passed, work in the construction industry is still in high gear. We hope to continue at this pace until the big rains, which are usually expected during October.

FROM THE BIG ISLAND

Employees of Fred. L. Waldron, Ltd. are receiving a new wage and salary increase, recently negotiated. Ichiro Matsui is the Steward for the plant.

The Kilauea Avenue concrete bridge over the Hilo Flood Control Project built by Construction Equipment Co., has been completed and after paving the approaches to the bridge, it will be open to traffic. Construction Equipment Co. will next excavate the intersection of Kinoole and Mohouli Streets to build a concrete box culvert under the streets connecting the upper and lower flood control channel. Most of the water on the upper portion of the old Waiakea Homestead area will be diverted into the channel.

Governor Brown Officially Opens Fresno's Shopper's Paradise

By JOE MILLER, GLENN MULLOWNEY, RALPH WILSON, and GENE FORTH

FRESNO—Gov. Edmund (Pat) Brown and an entourage of civic, county and state dignitaries officially opened the Downtown Mall here Sept. 1. Milburn and Sansome Construction Co. was the contractor and this provided work for many of the Brother Engineers for several months.

The Mall is a real credit to the community. One of the features of it will be sidewalk cafes and a "toonerville trolley" to transport foot-weary shoppers through the area.

In Fresno the work picture has been the best in many years. Many large jobs are working one, two and three shifts daily, and all the smaller construction companies are bending every effort to provide additional work for our Brothers.

Our work list is trimmed to the bone! We have had a big demand for Heavy Duty Repairmen, Rubber-tire 'skinners, and Oilers. There should be plenty work through the Winter, weather permitting.

The apprentice program is working well with 35 indentured on jobs around the area. The Fresno Sub-Joint Apprenticeship Committee extends its appreciation to the Journeymen and Foremen for their assistance in giving the apprentices the help they need in their training program.

Anyone interested in Grade Checking classes may contact the Fresno office. We are trying to set up classes with the Fresno City College to be given at night.

MERCED AREA

Work in the Merced area is coming along with Fredrickson

and Watson prime on the Red Top Levee and Smith and Page doing flood control work near Merced. This job should be completed by the "rainy season," although it is raining now (Aug. 31). Standard Materials is working long hours on its construction, Rock, Sand and Gravel and hot plant work supplying the rest of the contractors. A. E. Kelley Co. has many small jobs going around Merced and Toston and Raymond is working on realignment of Highway 120 around Merced.

EXCHEQUER DAM

Dravo Corporation is raising the Exchequer Dam on the Merced river north of Merced at a cost of some \$40 million. Sunshine Mining Co. is handling all the tunnel work here, and there are 80 Engineers working three shifts, 40 hours weekly. The tunnels should be completed in about three months while raising the dam will take about three years. The old dam will be covered and used as a core for the completed "new" dam.

LOS BANOS

On the San Luis dam and canal system, approximately 25 million cubic yards of fill is in place out of the almost 75 million cubic yards planned. Guy F. Atkinson Co. started the new slip-form pavers, trimmers and finger-cutter machines on the canal. The company has about another three months work on the dirt on this project.

We had a "near miss" catastrophe at the Rock Pit. A large 15-ton boulder let loose from the face of the area a 280B shovel had been digging and came tumbling down onto the shovel. Luckily no one was hurt. The shovel had been down for repairs for three shifts and wasn't in operation.

In another accident, a teamster was killed when his truck and D8 Cat collided. The driver was thrown from the cab and the truck rolled over onto him. Had he been wearing a seat belt he may have escaped with scratches. Ironically, it was his first day on the job.

So when you hit the highway for the Labor Day weekend, or anytime on or off the job, think safely and live in safety.

Engineers Move 'Mother Orange'

Continued from Page 11—

ment upriver on a barge and take out the riverbed material at places between Verona and Tisdale Weir. Up to 50,000 cubic yards of sand and gravel will be dredged from the Sacramento River for use by Sutter County on road construction.

COLUSA HIGHWAY BIDS

The State Division of Highways has called for bids on the construction of 1.1 miles of four-lane highway on Colusa Avenue, from the Onstoft expressway near the west city limits of Yuba City, west to Harter Road. Bids will be opened September 10 with a total of \$290,000 available for the job. Replacing existing two lane road, the project will connect the recently completed four mile expressway of Harter Road with the four lane Colusa Highway in Yuba City.

INDUSTRIAL REPORT

During the past two months we have been negotiating many shop and plant agreements expiring this year. We are happy to report that we have completed negotiations with the following: New York Machine Shop, Oroville; Joe Martin Welding Shop, Chico; and Marysville Steel and Scrap of Marysville. All of these agreements were approved by

secret ballot with all the Brothers voting in each shop on the agreement.

We are in negotiations with the Dimond Steel Company shop, located in Yuba City. Good progress is being made, and we hope to submit an agreement to the Brothers shortly.

We would like to extend to all the brothers a real warm invitation to please attend all the district and special called meetings.

Many of the Brothers in this district and their families need your blood! We urge all the brothers and their wives to take a little time out from their busy schedules to donate a pint of blood to the Operating Engineers Blood Bank. The pint you give could save a brother's life. The mobile bank is at the Marysville Elks Club, 920 D Street the second Thursday of each month. Hours are 11 a.m. to 1 p.m. and 2 p.m. to 6 p.m. Also blood can be given at the Chico Center located at 169 Cohasset Road in Chico every Monday from 4:30 p.m. to 6:30 p.m. Appointments should be made by calling 343-6071 in Chico.

Obituaries

Name—City	Init. Date	Date of Death
Robert B. Lanterman*, Redwood City, Calif.	(Apprent.)	8-14-64
Reid Lee Hood*, Hayfork, Calif.	11-27-42	8-23-64
Edwin Black, Colfax, Calif.	5-3-64	7-27-64
Clarence Boggs*, San Jose, Calif.	8-7-48	8-9-64
T. L. Brigmon, Anderson, Calif.	10-3-42	8-19-64
Alfred Coan, San Jose, Calif.	6-2-56	7-26-64
Morris Cummings, Oroville, Calif.	9-4-43	8-9-64
Reed Durfey, Bluebell, Utah	11-1-58	7-31-64
Jim Elderkin, Minden, Nevada	11-19-61	8-5-64
Elver Golden, Salt Lake City, Utah	11-3-56	7-25-64
Carroll Hart, Albany, Calif.	9-6-38	7-29-64
Ellis Johnson, Reno, Nevada	11-19-61	7-14-64
Henry Kelley, Palo Alto, Calif.	8-5-50	7-22-64
Earl Leach*, Arcata, Calif.	6-1-50	8-19-64
John Little, French Gulch, Calif.	6-4-61	8-10-64
Rudy Lozano, Stockton, Calif.	6-2-56	7-29-64
Robert Maples, Arcata, Calif.	10-6-56	7-28-64
Ralph Musgrove*, Vallejo, Calif.	1-5-52	8-19-64
Carl Nelson*, Berkeley, Calif.	1-14-35	7-29-64
Sterling S. Purrington, Salinas, Calif.	1-7-43	7-25-64
Robert Rigglesford, Fremont, Calif.	4-4-53	7-28-64
August Rose, Redding, Calif.	12-4-48	7-17-64
Alonzo Thrailkill, Greenwood, Ark.	9-10-55	7-30-64
Roy Trumble, Campbell, Calif.	8-1-42	6-15-64

*INDUSTRIAL ACCIDENTS (8)

New Jobs Start In San Jose

By A. J. HOPE, WM. HARLEY DAVIDSON, G. L. MOORE, JAMES N. HALL

Work in the San Jose Area, is still going along at a fast pace. The out of work list is a "skeleton of its old self" at this writing and there is nothing but good news to report.

Construction started on the \$8.5 million, 15-story United California Bank building, in downtown Palo Alto. This will be the principal building in the office center complex, which will occupy an entire city block, bounded by University Ave, Cowper St., Lytoon Ave. and Tasser St. More than 100,000 cubic yards of earth have been removed from the site leaving a hole 35 ft. deep. Concrete has been poured (3,200 yards) for the 8½ ft. deep mat foundation.

It will take the entire output of two large batching plants working at full capacity ten hours daily with a special arrangement of cranes, supplying feeder troughs to pour the entire foundation, in just one day. General Contractor on the project is Johnson & Mape in a joint venture with the Henry C. Beck Co. Bahr & Ledoyen did the excavating work.

Leon Wheatley & Jacobsen Bros. are making good time on the Stanford Hospital project. They are also starting two eight-story buildings, with 12 two-story buildings for student housing. Songgroth is doing the paving, and Anthony Izzie, the underground work on the job.

Freeman Paving Co. is busy on a large paving and grading project at Stanford for several buildings for Sintex. This will be a one to three million dollar project with one building nearly completed, about one-half way through on the second building, with several more buildings to be let.

Underground Construction Co. have started work on the water and sewer lines in the new Park site, in the Palo Alto foothills behind Stanford. Some of the line will be an 80% grade. Pittsburgh-Des Moines Steel will be installing 3 large storage tanks, purchased by the City of Palo Alto. Bellicitti & Pellicciotti will be putting in a 300,000 yard earth filled dam, called the "Foothill Park Dam."

Freeman Paving Co. has started clearing work on Alma St. in Mtn. View, for a four-lane expressway. They have moved quite a bit of their earth moving equipment to Marin County in preparation for work to start there on Hy. 101.

Songgroth Bros. have several jobs going in the area at this time, and just started a new one for streets and parking lot development in Sunnyvale. They have also just been awarded the contract for sewer construction.

The L. C. Smith Company is working in all parts of the area. Right now they are on the Bayshore to Lawrence Station Road project with Ball & Olsen on structures. They have just come up with another award, the contract for the Scott Blvd. project, Liberty St. to Murguia in Santa Clara.

Fredrickson & Watson started two sections of freeway on Homestead to Lawrence Station Road and are renting the Euclids from Pete Giordano & Sons and DW 20's from Lloyd Rodoni. They are about ready to start the cement treated base on the sec-

ond section, with paving to follow in the near future.

The A. J. Raisch Co. is going strong after a slow period and is working on the Monterey Highway job, with about two more weeks work on the cement treated base, then the paving. Brother Ray Harris is pushing this one with 25 of the Engineers showing results. This is a one-year project, costing \$900,000. Their Lincoln Ave. job, from San Carlos to Coe is under the supervision of Brother Ralph Branzich, and 23 of the worthy Brothers. Brother Jerry Bostick is pushing the Lawrence Station job (Unit No. 4) a one hundred working day, one million dollar freeway project, with a crew of 25 operating engineers. They have another project going in the Santa Clara Industrial Tract, a six month job, and 15 Brothers.

SAN JOSE HUB

Saratoga Ave., in San Jose, is a hub of activity. This is the city's main southwest approach, and it is torn up at present with three construction projects.

The first is the Piazza Paving contract to widen Saratoga Ave. to 82 feet, from Scott to Stevens Creek Blvd. This will mean a four-lane highway with 16 foot center strip. Piazza is working on the Newhall to Pruneridge section at this time, with a long way to go.

Dan Caputo holds the \$1,200,000 portion of the job, which is the San Thomas Expressway section, from Stevens Creek Blvd. northward across Saratoga Ave. to Forbes Ave. This will realign the shallow San Tomas Creek, and bury it in a tube large enough for a truck to drive through.

The third contract is held by Pisano Bros. for installation of the storm drain and sanitary sewer system along Saratoga Ave., south of San Tomas Creek. These jobs must be finished before Piazza can move into the area to complete the road widening. The talk of an early winter, with rain being forecast early in the season, is causing some concern, with the result that the Brothers are "highballing" to get the work completed.

SOUTH COUNTY

In the Southern end of the County, work is exceptionally good. The Manuel Smith Company started a new (\$338,000, 180 working days) water line job for the City of Hollister. In the Santa Cruz area, Granite Construction, with Brother Russell Kemp pushing the job, is going along at top speed on the road job going into Newell Creek Dam. This is beautiful fishing area, and will be quite a popular place when completed. The F. B. Stearns Construction Co. broke ground for Union Elementary School, in Aptos. Leonard & Blair will soon be starting the site preparation work for the Soquel Union High School.

Leo Piazza is making good progress on the Seascape job near Rio Del Mar. Peter Kiewit, in Moss Landing, is holding the same number of operators, but will have to be hiring a few more in the near future. Phil Calabrese is still working on San Antonio Dam campsites, and has picked up a few jobs in and around Fort Ord.

Harms Bros. will be starting on a new contract for 52 miles of A.C. plant mix in Santa Cruz County. The A. J. Diani Co. started the contract for the In-

terlake Road, between Bradley and Jolon. Ted Watkins is doing the bridge.

Work on the Green Construction Co. San Antonio Dam project is going and progress has been excellent. There are 45 of the Brothers currently employed, and looks like more to come!

CONTRACTS AWARDED FOR NEW WORK

To L. C. Smith Co., contract for Calabazas Blvd. widening—\$45,276.

To W. L. Chalmers Co.: for Winchest Blvd. trunk sewer line—\$113,929.

To W. H. Ebert Corporation & Spartan Construction Co.: for Storm & Sanitary System at Coyote Creek—\$108,290.

To W. D. Smith: for site grading and improvements of Lawrence Station Recreational Center—\$32,159.

To Bahr Ledoyen, Inc., for AC Paving, curb and gutter for McKelvey Park Street improvements and parking area—\$28,778.

To: Herwig of California, for the building of the Ponderosa School which will be located in Sunnyvale at Wolfe Road and Reed Ave. The building will house 10 regular classes and two kindergartens and construction will begin shortly. The school district straddles Lawrence Road and will serve sections of both Sunnyvale and Santa Clara. Contract went for \$368,900.

The Barnhart Construction Co. was low bidder at \$2,084,644 in the Santa Clara High School District for the contract to build the Marion A. Peterson High School. The school will be erected south of El Camino Real at Ham Ave. and will accommodate 600 freshmen and sophomore students when it opens in September, 1965. No starting date has been set as yet.

Engineers interested in enrolling in a grade-checking night school are urged to contact the office for a time and assignment sheet. Classes will be held in San Jose.

Indians Lose Again

Another chapter in the white man's treatment of the Indians who originally owned this country was written last week when the Senate and House passed a bill to pay \$12.1 million to members of the Seneca Tribe who are being evicted from their reservation lands to make way for the Kinzua Dam and flood control reservoir the Army Engineers are building in Pennsylvania.

In the Senate debate, Senator Frank Church (Dem., Idaho) recalled that in 1874 Uncle Sam signed with the Senecas a treaty saying:

"The United States acknowledges that all land within the boundaries to be the property of the Seneca nation; and the United States will never claim the same, nor disturb the Seneca nation residing thereon. It (the land) shall remain theirs until they choose to sell the same to the United States."

The Senecas did not choose to sell the land required for the dam, but it was taken from them anyway on the ground that flood control was "in the public interest." Supporters of the bill said this was justified because land has often been taken from other Indian tribes "in the public interest."

Operating Engineers Official Directory of Officers and Business Representatives

MAIN OFFICE—474 VALENCIA	SAN FRANCISCO, CALIF.
Tel: HEmlock 1-1568	470 Valencia
S. F. Dispatching Office	Tel: HEmlock 1-5744
AL CLEM, Business Manager.....	697-6798
PAUL EDGEcombe, President.....	Market 6-2775
DALE MARR, Vice President, Dist. Representative.....	HI 7-3668
W. V. MINAHAN, Recording-Secretary.....	686-5058
DON KINCHLOE, Treasurer.....	837-7418
GEORGE BAKER, Business Representative.....	JUniper 6-4423
ED DU BOS, Business Representative.....	583-5164
T. J. STAPLETON, Business Representative.....	479-0881
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MIKE KRAYNICK, Business Representative.....	AN 6-7502
SAN RAFAEL, California	
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JAMES IVY, Business Representative.....	228-2958
STAN GARBER, Business Representative.....	782-6188
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AL McNAMARA, Business Representative.....	HOward 4-0706
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SANTA ROSA, California	
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VANCE ABBOTT, Business Representative.....	798-7123
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2538 Washington Blvd.	EXport 4-1011
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2305 So. Beretania St.	HONolulu 99-0084
HAROLD LEWIS, Business Representative.....	243-992
CLARENCE FRIEND, Business Representative.....	245-868
WILFRED BROWN, Business Representative.....	HONolulu 81-1929
BERT NAKANO, Business Representative.....	Hilo 66-4886

More -- How to Buy

Continued from Page 2—

lowest cost credit, how to use credit judiciously, and tell these facts to other families.

You need to know two points particularly: First, if the finance charge is stated as a monthly percentage, the true annual rate is 12 times the monthly rate. Secondly, if the finance charge is a dollar amount on the original balance, the true annual rate is approximately double.

This happens because the dealer or lender figures the finance charge on the original balance you owe. But since you pay back each month, your average debt is only about half the original amount. On a debt of \$100 to be repaid in 12 months, the first month you owe \$100; the second, \$91.67, etc. If you add up the remaining balance each month and divide by the number of

months you repay, you will find that your average debt (in this example) is \$54.16. Say the finance charge is \$6 per \$100. Divide the \$54 average balance into \$6. The true rate is 11.1 per cent. If the term of repaying is shorter or longer than one year, the rate has to be adjusted correspondingly. For example, if a dealer charges you \$6 on a debt of \$100 repaid in six months, the true annual rate would jump to 21 per cent.

Usually, you can finance purchases at a lower rate by borrowing cash from a credit union or commercial bank than by using a department store installment account. The credit unions and banks nowadays charge from \$4.50 to \$6 per \$100 of balance, which is the equivalent of true rates of less than 9 to 12 per cent, in comparison to the 18 per cent and more charged by Mr. Hazen's department stores.

INTER-LINE POWER TRANSMISSION AGREEMENT OKAYED

Continued from Page 7—

near Los Angeles; one through Tracy and direct to Los Angeles, and the other through Tracy, swinging off to the West for loops to Moss Landing and Morro Bay. There would be a 230,000 volt tie-line from Round Mountain to Keswick Dam, near Redding. A 750,000 volt line would be constructed from Bonneville Power Administration to Hoover Dam. There would be a 750,000 volt line from Hoover Dam to Los Angeles and two 345,000 volt lines from Hoover Dam to Phoenix.

Since the plan was first pro-

posed by Secretary of the Interior, Stewart Udall, there has been considerable protest from public power proponents. Many of them insisted on Federal construction of the entire system. Others were willing to settle for slightly less, but still felt it should be largely a Federal project.

The final agreement provides, in California, for Federal construction of only a short stretch of one line from the border to Round Mountain, and the smaller tie-line from Round Mountain to Keswick. The balance of California construction will be built by the power pool, including the

PG & E, Pacific Power & Light, Southern California Edison, and San Diego Gas & Electric. The lines from the Bonneville Power Administration to Hoover, as well as the line from Hoover to Los Angeles, would be federally constructed.

Addition of the 230,000 volt tie-line to Keswick will provide power for preference customers (public agencies) to replace reductions when pumping operations at San Luis Reservoir get into full swing. The new Intertie will be available for wheeling Oroville power to Tracy and the Tehachapi when that is needed.

PSSST! . . .

watch this space next month!

C. RAY LIM

SWAP SHOP: free want ads for Operating Engineers

FOR SALE

- 2 1/2 ACRES** on new Winters Hiway, good road on 3 sides, new steel fence. New well 250 ft. deep, plenty of water. Beautiful view. R. Woody, 1031 E. Monte Vista, Vacaville, Calif. Phone: Dixon OS 8-5454. Reg. No. 347177.
- LABRADOR RETRIEVER PUPS.** Whelped 4/17/64. AKC reg. All black. J. L. Bonney, Rt. 1, Box 2197, Applegate, Calif. Phone: 352-2786. (1 mi. southwest of Applegate on Highway 40.) Reg. No. 918832.
- 1956 PICKUP 3/4 TON FORD**, 3 speed Brownie, 8 ft. bed, 8 ply tires, power shocks, built-in boxes, custom bumpers, directionals, many extras. Mrs. Consuelo Button, 140 Norlyn Drive, Walnut Creek, Calif. Reg. No. 449646.
- HYDRAULIC HORIZONTAL WOOD SPLITTER** \$300.00. 1 Tandem trailer, can carry up to 8 ton. \$350.00. Chevrolet 1 1/2 ton truck w/dump bed. \$500.00. Wilton C. McManus, 575 Jennings Ave., Vallejo, Calif. Phone: 642-8590. Reg. No. 1136312.
- TRAILER**, low bed pull, tandem axles, 2-4000 lbs. linko axles, elec. brakes. 24' long, 6'7" wide. \$250.00. Bob Sousa, 3927 Wilson Ave., Castro Valley, Calif. Phone: 582-5212. Reg. No. 1130837.
- BEAR DOUBLE DRUM UNIT** for HD 10 Allis Chalmers Tractor, Model CD 400 D, Size 5. S. Yager, 1523 N. Beale Rd., Marysville, Calif. Phone: 743-8853. Reg. No. 977701.
- HOME**, Hayward, 3 bedrms., 2 baths, Japanese garden, waterfall. FHA appraised \$17,900. Forced to sell fast—\$16,900.00. Small down. J. deGlymes, 2666 Leeward, Hayward, Calif. Phone: 782-6473. Reg. No. 1079873.
- DINING ROOM SET**, Duncan Phyfe, 5 pieces, 2 leaves & pads \$89.50. 3 pc. bedrm. set complete \$85.00. 5 piece dinette set \$35.00. Dale Moore 5366 Brophy Drive, Fremont, Calif. Phone: 793-5405. Reg. No. 822695.
- MOTOR** complete, IHC Black Diamond. Transmission, drive shaft, etc. 264 cu. in. Excel. cond. \$325.00. W. L. McElroy, 10355 Beardon Drive, Cupertino, Calif. Reg. No. 1082358.
- BEER BAR** holds pony keg. Cost \$115. to make sell for \$85.00. Percy H. Howse, 3350 Santa Rosa Ave., Santa Rosa, Calif. Phone: LI 5-2498. Reg. No. 649264.
- WELDING LEAD** 150 ft., 2/0. All or part 25c per ft. Gerald Hamerschmidt, 3604 N. Maple Ave., Fresno, 3. Calif. Phone CL 5-6587. Reg. No. 1072423.
- 1958 TRIUMPH**, 350, 2 cylinder, blue, good condition. \$250.00. Billy Crouch, 309 Holly Ave., Novato, Calif. Phone: 892-9228. Reg. No. 1123403.
- HOME**, Oroville, 3 bedrm., carport, fenced, cooler, nr. shopping, in city limits. \$12,750. FHA appraisal. Sell or trade Bay Area property. C. W. Youngs, 88149 Glenmoor Dr., Fremont, Calif. Phone: 593-5449. Reg. No. 997636.
- 7 ACRES, MODERN** 3 bedrm. home. Fireplace. Fruit trees, view. Equipment included. \$40,000.00. See to appreciate. Arthur Ring, Rt. 2, Box 1812, Grass Valley, Calif. Reg. No. 574300.

- DIVERS HI PRESSURE INGER-SOLL-RAND** 3321 complete electric motor unit w/H.D. filter & cooling system, on wheels. Fills 72 cu. ft. tank to 2250 in 5 min. Unit rebuilt in 1963. \$800.00. Roland Mounce, 1422 Mariposa, Lodi, Calif. Phone: 368-0941. Reg. No. 1126192.
- HOME**, 1 bedrm., w/furniture, basement, garage, shade & fruit trees, all fenced, large lot big enough to raise beef. Full price \$6,000.00 cash. Garland Booker, Box 62, Smartville, Calif. Phone: 639-2257. Reg. No. 448639.
- BEAR** Equipped frame straightening & wheel aligning BUSINESS. 50 mi. fr. San Francisco. In growing community. Owner 18 years at present address. Zoned for heavy industry. Don Krueger, 1550 Noelle Way, Napa, Calif. Phone: 226-8784. Reg. No. 855083.
- DORSETT CABIN CRUISER** 17 ft., 75 hp. Johnson Motor, both 1960 models. Heavy duty trailer. Life jackets, ladder, paddle, helmsman seat, speedometer, 12 V battery, anchor, nylon rope. Licensed, ready to go. \$2,000.00. Cannon Simpson, 626 Meadowlark Ave., Los Banos, Calif. Phone 826-4238. Reg. No. 1098513.
- HOME** 3 bedrm, lovely, modern. Fireplace. 5 acres, 3 1/2 permanent pasture, barn. Eligible for FHA or Vets loan. \$23,000.00. P. J. Wyman, Route 1, box 12 D, Biggs, Calif. Reg. No. 719422.
- EQUIPMENT TRAILER**, 16' tandem tilt bed, 750x15-10 ply nylon tires, elec. brakes, adjustable hitch, boxed 7" channel frame. 6-7 ton capacity. Oscillating spring action. \$850.00. Martin Ronning, 229 Alvarado St., Vallejo, Calif. Phone: MI 4-4335. Reg. No. 899450.
- READY-MIX CEMENT PLANT**, 4 mixer trucks, 1 dump truck, 1 tractor and office building. \$15,000.00 and assume payments. Richard Manning, P. O. Box 12, Los Banos, Calif. Phone: 826-3236. Reg. No. 863900.
- HOUSE TRAILER**, 1952, 28 ft., modern, alum w/awning. New draperies. Almost new foam sofa. \$1,350.00. Rex Turner, 4846 Spaniel Ct. Concord, Calif. 94521. Phone: 686-1845. Reg. No. 295839.
- HOME**, large redwood, 3 bedrms., tile kitchen, bath, large paneled front room, fireplace, 2 porches, showers, garage, laundry. 2 bedrms., porch, etc., downstairs. On Russian River. \$6,000.00 down. William C. Jansen, 225 Mallorca Way, San Francisco, Calif. Phone: WA 2-2127. Reg. No. 514763.
- MODE O'DAY FROCK SHOP**, established 20 Yrs., Franchise. Small investment. Owner retiring. George Westberg, 3278 East 16th St., Oakland Calif. Phone KE 2-8484. Reg. No. 200508.
- PLACER GOLD MINE**, 60 acres. Sierra Co. Water. Cabins. \$12,000.00 1/2 down. Can be worked with dragline. W. W. Whitman, 3509 Ripley Street, Sacramento 38, Cal. Phone 922-7670. Reg. No. 381862.
- WARDS PORTABLE ELEC. GENERATOR**, almost new, used 4 hrs. 1 hp, 1000 watt, 115V, Briggs & Stratton 4 cycle engine. \$75.00. Just the ticket for trailer or camping. Earl Van Eitten, Occidental, Calif. Reg. No. 261080.

- RUNABOUT** 14 ft. Rockholt, 40 hp. Mercury Electric. Trailer & Equipment. \$600.00, or will sell boat & trailer \$350.00. Claire Rooney, 9 E. Lewelling Blvd., San Lorenzo, Calif. Phone: 278-0190. Reg. No. 991097.
- L-122 I. H. C. 3/4 TON**, duals, flat steel bed, 3 speed Brownie (12 forward, 3 reverse). Excel. welding rig, trailer tower, wrecker, etc. R. B. Moyer, 247 Bailey Rd., Pittsburg, Calif. Phone 458-4603. Reg. No. 830834.
- LOT 60X100**, Woodford, Calif. Power, water, paved road. Kenneth D. French, 3929 Via Cristobal, Campbell, Calif. Reg. No. 908550.
- BELTONE HEARING AID**, model "Companion". Make offer-cost \$349. Don J. Davidson, 798 No. 13th St., San Jose, Calif. Phone 292-1888. Reg. No. 876154.
- MOBILE HOME**, 10x41, 2 bedroom., one w/new bunk beds. New carpet in livingrm. Awning & Cooler included. \$2,700.00 furnished. \$2,400. unfurnished. Steve Doughty, 717 N. McDowell, Sp. 118, Petaluma, Calif. Phone: 763-3598. Reg. No. 1065300.
- 1959 FORD F5** with Powers Utility 8"x11" mechanics bed, 8 compartments keyed alike. Gin pole sockets, Tulsa 18 winch, trailer hitch front & rear, bottle rack & vise stand. This truck ready to go. Low mileage. 1 owner driven. Virgil Anderson, 135 Rose Lane, Los Banos, Calif. Reg. No. 962243.
- FALCON-60 STATION WAGON**, 2 dr., engine rebuilt, top cond., over-land springs, radio, heater, deluxe model. Priced for quick sale. \$700. J. deGlymes, 2666 Leeward, Hayward, Calif. Phone 782-6473. Reg. No. 1079873.
- 1957 GREAT LAKES TRAILER HOUSE**, 8'x15', good condition. Carpet, washer, new furnace, porch included. \$2900. Ronald Barney, 565 No. 9th West, RFD No. 1, Box 465-A, Pleasant Grove, Utah. Phone 785-3482. Reg. No. 912090.
- INBOARD** 18 ft. \$200. 10 ft. Hydro Plane 10-horse. Mercury \$100. Bert A. Genereux, 2900 Mt. Diablo, Stockton, Calif. Phone 463-3371. Reg. No. 509659.
- 1964 PRESTIGE MOBILE HOME** 20' x50', 2 bedrm., carport aluminum awning 10x30, patio awning 40x10, full alum, skirting, many extras, garbage disposal, extra wide sliding glass door, many more. Will take best offer. Ralph Calaiaro, Phone CERES 537-5325. Reg. No. 1148253.
- HUNTERS & FISHERMEN!** 1941 CHEV. 1-1/2 Ton Panel, 4-wheel dr., dual rear wheels, 40 gal. water tank, 2 gas tanks, 10x5x5 inside, trailer hitch & vacuum brakes. \$450 or trade for jeep. John R. Franklin, 20059 Royal Ave., Hayward, Calif. Phone 538-3154. Reg. No. 1076473.
- DINING TABLE** Eastern Rock Maple, with 2 leaves, 4 chairs, \$150. (will include 6x9 oval braided rug & pad); butterfly coffee table \$25; solid oak modern bed \$10. W. C. Elliott, 251 Corte Madera Ave., Mill Valley, Calif. Phone 388-3545. Reg. No. 605444.

- RUNABOUT BOAT** 16', 70 hp, Mercury eng., trailer, ski equip. Good fishing boat. Price \$995. Bobby G. Cooper, 29302 Ave. 13 1/2, Madera, Calif. Phone 674-5457. Reg. No. 1058388.
- LAKE TAHOE** 3 bedrm. house. Sell or Trade, local property or land. Fireplace, central heat, elec. kitchen. \$13,000. Low down financing. C. T. Smith, 637 Beacon, Oakland, California. Reg. No. 487434.
- LARGE BUILDING SITE**. Huge old pines. In beautiful Aptos Country Club tract. A fast moving area of distinctive homes in country atmosphere. \$5,500. terms. Ralph Kidwell, 21575 Norman Dr., Los Gatos, Calif. Reg. No. 947108.
- NASHUA HOUSETRAILER** 1962, 10x55' expanded livingrm., 1 bedrm., front kitchen, \$4,000. 99 M Austin Western Blade \$1800. 1947 Ford Dump Truck \$175. Neely L. Fougler, P. O. Box 297, Bethel Island, Calif. Phone 684-2424. Reg. No. 394264.
- GAS STOVE** w/trash burner, Vibrator chair, each \$25. Dressing table w/large round mirror, \$15. H. W. Koeler, 2281-2nd St., Napa, Calif. Reg. No. 429149.
- HOME**, 1 bedrm. w/furniture, basement, garage, shade & fruit trees, all fenced, large lot big enough to raise beef. Full price \$5,000 cash. Garland Booker, Box 62, Smartville, Calif. Phone 639-2257. Reg. No. 448639.
- CABIN CRUISER**, 21 ft. Trojan, Hd., stove, icebox, sleeps 2. V-4 Johnson elec. O. B. Coast Guard inspected. Fully equipped. \$2,000 or trade for self-contained Travel Trailer. Ralph L. Sloniker, P. O. Box 885, Port Chicago, Calif. Phone 458-4693. Reg. No. 622796.

RULES FOR SUBMITTING ADS

- Any Operating Engineer may advertise in these columns without charge any PERSONAL PROPERTY he wishes to sell, swap or purchase. Ads will not be accepted for rentals, personal services or side-lines.
- PRINT OR TYPE the wording you want in your advertising on a separate sheet of paper, limiting yourself to 30 words, or less, including your NAME, complete ADDRESS and REGISTER NUMBER.
- Allow for a time lapse of several weeks between the posting of letters and receipt of your ad by our readers.
- Please notify Engineers Swap Shop as soon as the property you have advertised is sold.
- Because the purpose should be served within the period, ads henceforth will be dropped from the newspaper after three months.
- Address all ads to: Engineers Swap Shop, AL CLEM, Editor, 474 Valencia Street, San Francisco 3, California. Be sure to include your register number. No ad will be published without this information.

MOVING?

So you will not miss one issue of Engineers News BE SURE to advise us of your change of address.

REG. NO. _____

LOCAL UNION NO. _____

SOC. SECURITY NO. _____

NAME _____

OLD ADDRESS _____

CITY _____

NEW ADDRESS _____

CITY _____



Clip and mail to Engineers News, 474 Valencia St., S. F. 3, Calif.