



PENSION PAYMENTS INCREASE 25%

Credit Union Annual Meeting Is July 11th

SAN FRANCISCO — The first Annual meeting of shareholders of the Operating Engineers Credit Union is scheduled for Saturday, July 11, at the Labor Temple, 16th and Capp Streets, in San Francisco.

The meeting will be held one hour after the conclusion of the Semi-Annual meeting of the Union. Election of directors, Credit Committeemen and Supervisory Committeemen occupy the spotlight of this first meeting.

Also on the agenda, will be the first full financial report to the shareholders.

Since the Credit Committee started operations in February

there are approximately 1500 shareholder members enrolled in the Credit Union.

The Credit Union, in an attempt to speed up its service to the members, has switched to IBM bookkeeping, which was contracted with the Bank of America.

The Credit Committee meets weekly to review and pass on all loans. Further information may be had by attending the first annual meeting or contacting your nearest dispatch office. To join the Credit Union, the local business office in your area has application cards and will assist you.

Actuarial Experience, Greater Contributions Make it Possible

Business Manager Al Clem today announced that effective August 1 Operating Engineers will receive an increase in Pension benefits of 25 per cent over their previous amount. Through an actuarial study, it was determined that greater employer contributions to the Pension Fund would warrant the additional payments and still keep the fund on a sound financial basis.

Clem said it was a pleasure to make this announcement to the more than 500 members now receiving payments from the fund and to the many more who will be retiring in the months to come. He cited the outstanding actuarial and financial experience of the plan since its incep-

tion in 1960 which made it possible to liberalize the program.

INCREASES GIVEN

The Normal Pension is increased from \$100 per month to \$125, while the Basic Pension will increase from \$50 per month to \$62.50. The Reduced and Disability pensions is figured on the

monthly amount payable for each year of Pension Credit and is increased from \$4 to \$5.

CREDITS EXPLAINED

Pension Credits are received by an Engineer for each year in which he worked 32 weeks, or was available for employment. Partial credits are given in quarters if a man worked or was available to work from eight to 32 weeks per year.

The Engineer, in other words, receives full credit of future service for each year he has worked 1400 hours or more for employers obligated by a collective bargaining agreement to contribute to the fund. If he works less than 1400 hours, he receives reduced pension credits in quarter units for each 350 hours of work during a calendar year.

The plan is designed to provide pensions for those members who have given many years of service to the industry. Once the Brother Engineer has reached 55 and has 10 years of full credit, he may leave the covered employment and still be entitled to a pension upon reaching retirement age.

REDUCED PENSIONS

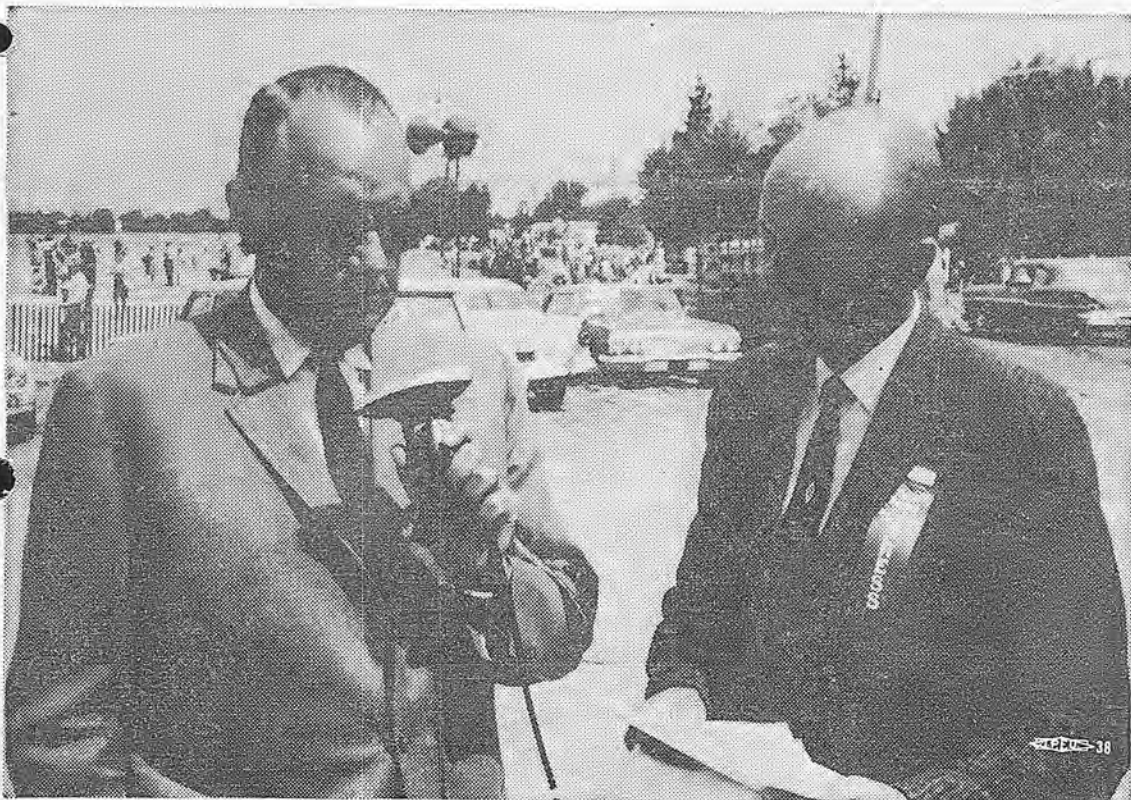
As an example of how the Reduced pension credit operates, let's cite an example: Suppose an operator retires at age 65 and has 23 years of Pension Credit. His Reduced Pension would be 23 multiplied by \$5, which is \$115 payable monthly for the rest of his life.

If, for instance, an Engineer who is retired and dies, his pension payments are guaranteed to his survivor. For example, all pension payments are guaranteed for three years (36 payments) to all Engineers receiving Normal, Reduced or Early Retirement pensions. If a retired Engineer dies before he has received the 36 payments, the balance of payments go to his survivor.

HOW TO GET PAYMENT

A very important part of securing pension payments, Clem pointed out, is that every Engineer, upon reaching retirement age, must make written application on a form available from the Pension Fund Office, at least three months in advance of retirement date. This will insure against an interruption of income and allow time to process the application.

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RADIO COMMENTS . . . Business Manager Al Clem comments with announcer Joe Gillespie on the Daily Pacific Builder show at recent groundbreaking ceremonies in Concord on the Rapid Transit District Mt. Diablo test track. President Johnson flew here from Washington for the ceremonies.

The Safety Corner

Noise and Effect on the Engineer

By DALE MARR and FRAN WALKER

On March 18, 1963, California became the first State in the United States to pass a regulation on noise and noise levels in and around places of employment.

The regulation states that the noise level cannot exceed 95 decibels. Otherwise the noise from the equipment must be reduced. For example, an engineer hears 95 decibels of sound when he is standing alongside a cat or a scraper when the engine is

revved up. The sound engineer measures this with a device called a "sound meter."

An engineer can also hear 95 decibels noise when he is traveling in his automobile with a window rolled down. Some of the larger machines that are now being operated by Operating Engineers will go up to 100 or 115 decibels noise level, which means that fatigue can be hastened at much less than 95 decibels, and you begin to feel pain in your ears at 120 decibels while the firing of a cannon will give you a 250 decibels reading on the me-

ter; enough to break your eardrums.

This gives us a few examples of what we mean by decibels on a sound level meter. However, there is no decibel reading on any sound measuring device that guarantees protection against annoyance and possible fatigue. For example, if you are in a room and there is low background noise of 60 decibels, the loud exhaust of a motorcycle passing becomes annoying. In a quiet room, with background noise of 30 decibels, the ringing of a bell of a

telephone will be annoying. These circumstances led to California passing the safety regulation of a noise level in and around places of employment.

While traveling throughout the jurisdiction of Local 3, we note that many new types of equipment are being put on the market, and that noise levels on various new machines, along with some of the older ones, are reading on the lowest level meter far beyond the 95 decibels described in the code. Therefore if you have

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Memo

from the

Manager's Desk

By AL CLEM

The work picture continues to improve with jobs being opened each day, however, there are still many Engineers on the out-of-work list. We feel confident that those who are desirous of obtaining employment will be able to do so in the very near future. The only problem is you may have to travel some distance to work; this is one of the disadvantages of working in the construction industry.

PRESIDENT OFFICIATES GROUND BREAKING

The Ground Breaking Ceremonies observing the start of construction of the Bay Area Rapid Transit Network and the Diablo Test Track was held in Concord on June 19 with President Johnson in attendance. This is quite an extensive job and we anticipate the project will furnish considerable employment for members of our Union, and we certainly hope they will begin letting some of the contracts in the not too distant future. While there is some minor exploration work being done which furnishes employment for some members of the union, we know that when the job gets underway, there will be many more job opportunities available.

MAJOR NEGOTIATIONS UNDERWAY

We have had the initial meeting with the Holt Company to start negotiations on the contract there. We have also had the initial negotiating session with the Tenco Tractor Company located in the Marysville and Sacramento areas. We hope that we will be able to reach a satisfactory agreement with these two firms. The membership employed by the Johns-Manville Company at Coalinga ratified the Collective Bargaining Agreement by an overwhelming vote which was negotiated in their behalf by the officers of the Union. While we did not receive all the conditions we anticipated, we think that the contract is a satisfactory one from the standpoint of the membership involved and is a start in this field. We are still in the midst of negotiations with the employers of the Rock, Sand and Gravel Industry and while this contract does not expire until mid-July, we are looking forward to winding up negotiations prior to the expiration contract date.

DID YOU GET YOUR INCREASE?

We draw your attention to the fact that wages were increased in June. If you did not receive the increase as set forth in the various contracts, do not hesitate to contact your Business Representative and they will make the proper adjustment.

SPECIAL MEETINGS

We have slated a series of "Special Called Meetings" during July and August. We are looking forward to seeing many of the Brothers at these meetings so that we may make determinations in a democratic manner to maintain our high standard of service to the membership and work towards improving and expanding this service to all members and their families.

Having attended three District Meetings during the past month, in Fresno, Reno and Salt Lake City, it was a pleasure to visit with the Brothers in attendance at these meetings and exchange views and ideas with them.

During the month of June, I attended the President's Conference on Occupational Safety in Washington, D. C., which was interesting and informative. The International Union, headed by our General President, Hunter P. Wharton, is playing a major role in this most important program of accident prevention both on and off the job.

On June 27 we held a Business Agent's Meeting at headquarters in San Francisco and discussed the problems of the Union at great length. We are particularly anxious to render better service to the membership as a whole. These meetings are always informative and educational. They give the officers an opportunity to exchange ideas with the agents, who will relay the information to the members in their respective districts.

We will be looking forward to seeing many of you on July 11 at the Semi-Annual Meeting. We hope you will be able to be in attendance to hear the reports of your officers and agents, as well as renew old acquaintances and see many of the engineers you have not come into contact with for quite some time.

The meeting is at the Labor Temple, 16th and Capp St. in San Francisco, starting at 1 p.m.

One hour after the adjournment of the Semi-Annual Meeting the Credit Union will hold its first annual meeting. If you are unable to attend this meeting send into this office the authorization for your proxy vote.

During the month of June there were 10 regular agreements signed and 131 short form agreements, making a total of 141 agreements signed during the month. There were 2947 members dispatched to the various jobs during the month.



PRESIDENT ARRIVES . . . at Concord for groundbreaking ceremonies to inaugurate Rapid Transit District Mt. Diablo Test track. President Johnson may be seen in middle of well-wishers.



GRADUATES . . . recently, 14 apprentices received their completion certificates as "Chief of Party." Ceremony was held at Jack Tar hotel in San Francisco.

How to Buy

New Safe Detergents

By SIDNEY MARGOLIUS

A reader asks about a new kind of detergent she has been using, and which, in a few months, most of the rest of us will be buying.

Mrs. John Pasquarello has been buying a "bio-degradable" detergent from a company which sells it house-to-house at a price of \$5 for 14 pounds. This new kind of detergent solves the problem of stream pollution and foaming cesspools caused by present detergents. The bio-degradable detergents are known as "soft" detergents because they break down or "degrade" in the soil or when sewage passes through treatment plants.

In contrast, the standard detergents are called "hard" or non-degradable because most contain a substance which does not decompose readily and thus has caused foaming in household sewage systems and waterways, and even foaming of household drinking water, in some towns.

While Mrs. Pasquarello has found her wash to be as clean when she uses the bio-degradable detergent, and even softer, she is worried that since the product is not widely known, "I may be harming my clothes eventually or affecting my family's health."

She need have no fears. In fact, by the end of 1965, most families will be using the new "soft" detergents. A group of U. S. Senators alarmed by the pollution of waterways in many parts of the country, has proposed a law to ban non-degradable detergents. As an alternative, the Soap and Detergent Association offered a voluntary program to change over to soft detergents by December, 1965.

Soap manufacturers said the delay was necessary to be sure of "efficiency, safety and economic practicability," and because of the "billions of pounds of products involved."

However, the real reason for the delay, trade sources have told us, is that the large manufacturers have agreed to wait until after Jan. 1, 1965, and to introduce the bio-degradable detergent gradually, so as to avoid pushing up the prices of the raw materials.

Meanwhile, some areas have enacted regulations

controlling the use of "hard" detergents to go into effect next year, including Dade County, Fla., and the states of Maryland and Wisconsin.

Too, some smaller producers already have come on the market with bio-degradable detergents and have been selling it for months. They evidently have not found it as difficult to develop soft detergents, especially since they have been in use abroad for some time. The nation's consumer co-operatives were first on the market with the new type of detergent. Most consumer co-op stores now sell their own brand Co-op Controlled Suds Detergent for \$5.98 to \$7 for 50 pounds (depending on the distance of store from factory). The co-op price of 12 to 14 cents a pound is a sharp contrast to the 34 cents a pound Mrs. Pasquarello has been paying, and the usual 24 cents for the national-brand detergents which are heavily advertised on television.

A number of other chain supermarkets have introduced their own brands of bio-degradable detergents at prices of as little as half the cost of the national brands. One large company, Colgate, also is reported to be now packing bio-degradable detergent under its AD brand.

The big companies plan to make the changeover quietly. "Why call attention to something most housewives don't know exist?" a Procter & Gamble official told *Advertising Age*, a trade magazine. But at least one reason soap makers are moving so slowly, Cooperative News Service says, is that they're unwilling to write off heavy investments in present facilities.

Unfortunately, if the big soap manufacturers make no announcement you may not know whether you are buying a non-degradable or bio-degradable detergent for the rest of this year and 1965. If you have your own septic tank or cesspool, or simply want to help stop stream pollution, it will be necessary to make sure the product is labeled "bio-degradable."

Nor need you pay any premium price. T. J. Castner, head buyer for Mid-Eastern Cooperatives, reports that the wholesale price of the bio-degradable detergent is the same as for the older hard

Utah Plagued by 'Unseasonable' Rains, Mud; Work Stops, Goes

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

Work has finally started to pick up in Utah with better weather here at long last. We can only hope that there is a long work season ahead of us so that the Brother Engineers here can lay away a "nest egg" for the next Winter.

As you probably read in last month's edition of "Engineers News," a wage increase becomes effective on July 1, for those who are working on jobs for A. G. C. Contractors, or where a construction agreement has been signed. If you are in doubt about your scale, or if your employer is not paying the increase, please contact the Union Office nearest you or one of the Business Representatives so that this may be straightened out.

REGISTER TO VOTE

For the past few months this column has urged you to take an active interest in the forthcoming State and National Elections. At the risk of becoming a bore about it, we are again asking you to be sure you are registered and above all to vote in the primary and general elections. With the help of all of our members here in Utah we can put our State Government into the hands of people who have respect for the working men and women. This has not been the case for at least 16 years. We need your support in this vital issue.

Buildings under construction in downtown Salt Lake continue to grow despite the weather. The new Hall of Justice Building at 5th South and 3rd East is now showing above the ground level. Two Linden cranes are in evidence at this time, and a fair crew of operators have had work enough to see them through the Winter. Completion is scheduled for mid-year 1965. The building is being constructed by Christianson Brothers Const. Co. of Salt Lake City.

NEW LIBRARY

The new Library Building, located at 5th South and 2nd East neighboring the Hall of Justice Building, is under construction by Culp Construction Co., also of Salt Lake. The structure is up and they are busy installing the escalators, elevators and the inside trim. This building will be a credit to Salt Lake City, and has been needed for many years.

The 136 East South Temple is the site of a new 24-floor office building being constructed by Southern Builders, Inc. This company recently signed our agreement and are making good progress. Two Linden cranes are being operated by Brother Bill Barnes, who is the Steward, and Brother Dave Brown, who is Safety Committeeman for this job.

The Kennecott Building, at Main Street and South Temple, has grown to surpass in height the surrounding buildings. This building was contracted by the Latter Day Saints Church for lease to Kennecott Copper Corporation, which will occupy the majority of the building. Oakland Construction Company is the prime contractor. The steel was erected by the John F. Beasley Company, of Dallas, Texas.

Jacobsen Construction Company has almost completed the L. D. S. Church parking ramp on Main Street, between North and South Temple. This parking ramp will all be below ground and a new contract will be let soon for the Church Office Building which will go up above the ramp.

The Deseret Gym, which was wrecked to make way for the Parking Ramp, is going up on Main Street, between North Temple and 1st North. The Gym is being contracted by Bowers Building Company, Salt Lake City.

SEWAGE PLANT

The Sewage Disposal Plant in North Salt Lake is also growing above the ground. This \$7½ million plant is being constructed by Jacobsen Construction Company, Jelco Inc., Statewide Plumbing Company, Charles Jarman and Arrow Sand and Gravel Company are sub-contractors. This has been a good job so far, the operators have lost a little time, but nothing to compare with the other jobs in the area.

The dirt jobs have suffered much lost time due to the rains and all are two months or more behind schedule, as you will read from the other areas.

Access roads are being constructed into the site of the East Canyon Dam. The actual work on the Dam should not be far away.

Activity is increasing on the Lost Creek Dam. Brother Carl Prescott was hired by Steenburg to supervise lining the tunnel and has done a very good job. This was done through the Winter months and is now complete, except for the gate tower.

Floods, Mud Hamper Road Building Work

Interstate work is moving fairly rapidly despite the rain and mud we have had in this area.

The Bureau work, on the canals and dams, has been progressing very slowly because of heavy rains.

The Willard Bay Dam job, being constructed by W. W. Clyde Company, has worked every day the weather permitted. Most of their dirt work is completed and at this time they are placing riprap.

Strong, Wheelwright and Fife Companies are moving very slowly on their canal jobs, having been shut down three or four days a week because of the weather.

Heintz Company is working on the Causey Creek Dam. Men and machines are digging bedrock on the South Fork at the present time, to anchor the water-tight center of the dam. The center will be built of concrete to keep water from seeping through the Dam.

Advertising began June 20th for bids on a \$5 million link of Interstate Highway between Echo and Emery, Utah. The stretch is about 11 miles long.

Interstate 80, from Riverdale through Weber Canyon to the Utah-Wyoming line, will begin soon with the following schedule: Riverdale to the Motor Vu

Secondary Road Project Termed Largest in State

Loudermilk Construction Co. was the low bidder on the largest secondary road job ever let in the State of Utah at \$1,240,000, located in Duchesne County in Indian Canyon. The job will be a two-season-job with 900,000 yards of dirt to move with about 10% of the job complete at this time.

Ben Lowdermilk, superintendent, with Glenn Killian as foreman, and Jack Vignetto office manager, with Jim Allred, Robert Justice and Roland Olson on tamper cats. Tad Bernard is on dragline and Terry Fox oiling, Ted Dahling, Layton Foster, Marius Moynier, Heber Ward and Marvin Brereton on cat and can; Pat Caldwell, Roy Gooden, Floyd Seal, and Jack Snowball on dozers; John Nazaryk and Cal Stewart keeping the equipment repaired; Lynn Thomas on grease truck and Simon Peavey setting grade. Jack Snowball is the Steward on this job and doing a fine job.

Husman Brothers, of Wyoming, are winding up their job in Sheeps Creek Canyon, between Manila and Vernal. This job went for \$790,000 with 420,000 yards of unclassified material to move. Scully Willis, as Superintendent, has pushed this job through two shifts all winter, with Wes Brems and Max Smith operating the 80D shovel and Julius Daveson and Max Smith, Jr. doing the oiling. This job has been running the past ten months with practically no lost time due to weather which has been good for about 20 operators all winter. At the present time we have Andrew Jamrozik on the grease truck; Warren Nesson, Dave Freemyer, Bill Wiseman and Clarence Oman, on dozers; Lynn Luck, on patrol; Robert Zeller and Joe Hatch, on compactors and Lomand Fowler on pull with W. E. Githens, Jr., Don Rick and George Searle doing the repair work. Gordon Jensen, as Office manager, has done a fine job keeping the pay straight for this project.

Theater will start in July; Motor Vu to Uintah Junction, scheduled in 1967; Uintah to Gateway, late 1965; Gateway to Peterson, five percent complete.

Peterson to Round Valley, complete; Round Valley to Devil's Slide, fiscal 1965; Devil's Slide to Echo, fiscal 1966; Echo to Emory, fiscal 1965; Emory to Castle Rock, fiscal 1965; Castle Rock to Wasatch, complete; Wasatch to Wyoming line, 60 percent complete.

Bids were opened June 30th for construction of \$1.5 million library for Weber State College. It will be erected east of the Union Building, with work expected to begin a few weeks after the bid opening.

CANCER RESEARCH

American Cancer Society researchers at Brown University have used deuterium, the double-weight hydrogen atoms of heavy water, to artificially "fertilize" cells and make them divide.

High Runoff Forces Several Jobs to Close for Awhile

Work from 9th South to Point of the mountain still depends entirely on the weather. There's been very few "ringers" this season. There's plenty of work to be done and a lot of equipment on the jobsites but too many storms. Often there has been a storm on Tuesday or Wednesday and be wet enough that the job couldn't go to work until the following Monday. Almost every job in the valley is behind schedule.

There are seven major dirt spreads going and a lot of small clean-up jobs. W. P. Harlin's 21st South job is just about complete and Tiago Const. is starting their new one that will connect to this one.

The piledriving is still slow compared to what it was a year ago. Raymond is doing most of the work at this writing. Western Piling has finished most of their work for now. There should be some more pilings in the new bids coming up this next couple of months.

The crane rental business goes from chicken to feathers. Shurtleff & Andrews, Larsen Crane and Acme Crane seem to be doing as much as anybody and they are having to give the brothers days off for lack of work.

When the sun shines the paving is real good. Gibbons & Reed's paving crews lay a lot of that black stuff when they can. They bought a couple of new rigs to keep up with the work they already have. Most of the other paving outfits are trying to work whenever possible.

Sewer work is real slow right now in this area but there are plans in the contractor's office and they should get started in a month or so. Butler's job on 21st South and Redwood Road is just about completed. There is some clean up work to be done yet and the operators may get some more time out of this job.

More generally there has been work for the brothers who want to go to work. A lot of work is out of town but most of the contractors are working overtime. As it turned out most of the jobs within driving distance of Salt Lake City have been down a lot, and the jobs in the outlying areas have been able to work.

At Kennecott we have had two negotiation meetings. There are more meetings lined up, but there is nothing definite to report at this writing. Along with the Union Representatives in negotiations are Reed Erickson, chief steward; Tom Bills, shovel department; K. Verl Stewart, Crane department, and Joe Badovinatz, dozer department. Special meetings will be held as soon as necessary to keep the membership informed of our progress. It is very important that we have a good turn-out at these meetings so that the Negotiating Committee can better understand the feeling of the membership.

PROVO AND SOUTH

Excessive rain and high runoff the past month has kept the work in Central and Southern Utah from the employment we normally enjoy for this time of year. However, the out of work list is slowly decreasing.

Burggraf Company is setting up a hot plant at 12th South, in Orem, and within the next few days should begin paving the section of Interstate 15 from Orem to Center Street in Provo. Strong Company is doing the same in Lehi for a section of

paving between American Fork and Lehi. These two sections will complete a stretch of freeway from Lehi to Provo by September and should be ready for traffic.

W. W. Clyde's job at Castle Gate relocating the river and railroad is all but completed except for some trenching and pipe work.

V. C. Mendenhall has moved out of Huntington on completion of their road job and have sent their crew to the resurfacing job at Beaver.

HIGH RUNOFF

R. A. Heintz Company has started to lay pipe on a canal job at Orangeville and have called a few additional men recently. S. S. Mullen has had some tough luck getting started on the Joe's Valley Dam this year. High runoff forced them to lay some men off but it looks like now the water is receding and they will be calling some brothers back again soon.

Loudermilk's Emery job is nearly completed with about two more weeks of crushing left. M. K. is grinding away at their last big cut and has about two months left at Ferron. Strong Company is moving in on their recently acquired Interstate 70 with some dozers and drill rigs. This job adjoins where M. K.'s job ends.

Whiting & Haymond is busy on Moab and Monticello airports and have all but finished on the Green River missile base.

W. W. Clyde Company at St. George are off to a good start on the oil and should finish up this fall. A job that has furnished employment for quite a few Brothers for a good time and we hate to see it end.

R. V. Burggraf and Western Construction have finished their oil and crushing at Pintura. Western is moving into Oregon and Burggraf is setting the hot plant up in Orem. They have kept most of their crew employed and should be in operation at their new location in a few days.

The Atcheson Company finished their settling basin for Utah Construction and moved out. However, Utah Construction has hired part of the crew for their mining operation.

Whiting Brothers are in the final stages of the oil on the Cedar City Airport, and are about ready to move onto their I-15 Crushing job at Kannarra-ville.

THE ROUNDUP

Stout Construction Company is still making good progress on both the Kolob Park road and I-15 despite a lot of compaction problems earlier. They have been able to have some changes in design made by the state which will improve the road bed and allow specifications to be met more readily.

V. C. Mendenhall has the approaches on their structure at Beaver nearly completed and are in the process of moving their hot plant and crusher from Huntington to this new location north from Beaver.

Whiting and Haymond have only to lay the oil on the Beaver Airport to finish this job and will be moving to Manti in the near future.

When the weather permits, Tiago Const. Co. at Cove Fort has been able to make some real headway. There are approximately 35 Engineers on this job and they are getting in some pretty good time now.

ENGINEERS NEWS

STATIONARY ENGINEERS LOCAL 39 OPERATING ENGINEERS LOCAL 3



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25 Years of Service to Members

This is the 25th Anniversary of Operating Engineers, Local 3, and it seems appropriate at this time to reflect, particularly for the many "new faces" in the organization during the past quarter century.

From a meager beginning of 1500 members, covered under a two-page master construction agreement, the union has grown today to include over 27,000 members and the master agreement covering the same union is over 90 pages. And, all this while its members have been gaining in wages, too. The prevailing wage in those days was about \$1.12 in the San Francisco area, tops for the jurisdiction of Local 3. Today, including fringe benefits, it ranges to nearly seven dollars per hour.

DISTRICT FORM OF GOVERNMENT

Local 3 operates under a "district form of government," assuring its members local representation and participation. The jurisdiction of Local 3, covering Northern California, Northern Nevada, Utah and Hawaii, is comprised of 12 such districts, each represented by an Executive Board member, from the rank and file, a district office, hiring hall and dispatch service, district representative and business representatives. Membership meetings are held quarterly in each district and general membership meetings semi-annually.

The staff of 68 business representatives, many linked by mobile radio communications, travelled about two million miles in representing the members.

Many of the benefits enjoyed, and in many cases, taken for granted, didn't exist to the early member of Local 3. For instance, there was no Health and Welfare Plan, a pension trust fund, vacation and holiday pay, a sound Safety program, an apprenticeship program to bring our children into the heavy construction field, and a credit union, in addition to the already great strides made in increased wages.

The increase in growth of the Union made these benefits available, and it is proof of the effectiveness of our Union.

HEALTH AND WELFARE

The first Health and Welfare program was instituted in 1952 and covered only 70 employees in a steel plant. Today it covers over 20,000 members and their families, and last year alone, over 45,000 claims were paid out with nearly \$4 million in benefits. Recently, the plan was broadened and some benefits were increased. The plan has established reserves to provide coverage during periods of seasonal unemployment, too.

Our retired members, and there are over 500 currently receiving monthly pensions, have come in for increased benefits effective August 1. This is covered in further detail on another page in this issue. The retirement, plus the members' Social Security benefits, give him something to retain his dignity and independence in his latter years. A separate fund pays members monthly income where a disability has forced an early retirement.

A more recent service of the Union has been the establishment of the Operating Engineers Credit Union to help Engineers and their families to save systematically and to provide low cost loans for those "lean days" or purchase of goods and services to those who may qualify.

The union's Safety program is second to none throughout the country. Currently, there are over 500 rank and file members serving on safety committees insuring safe working conditions. When these conditions do not exist, it is taken through normal channels to correct the situation.

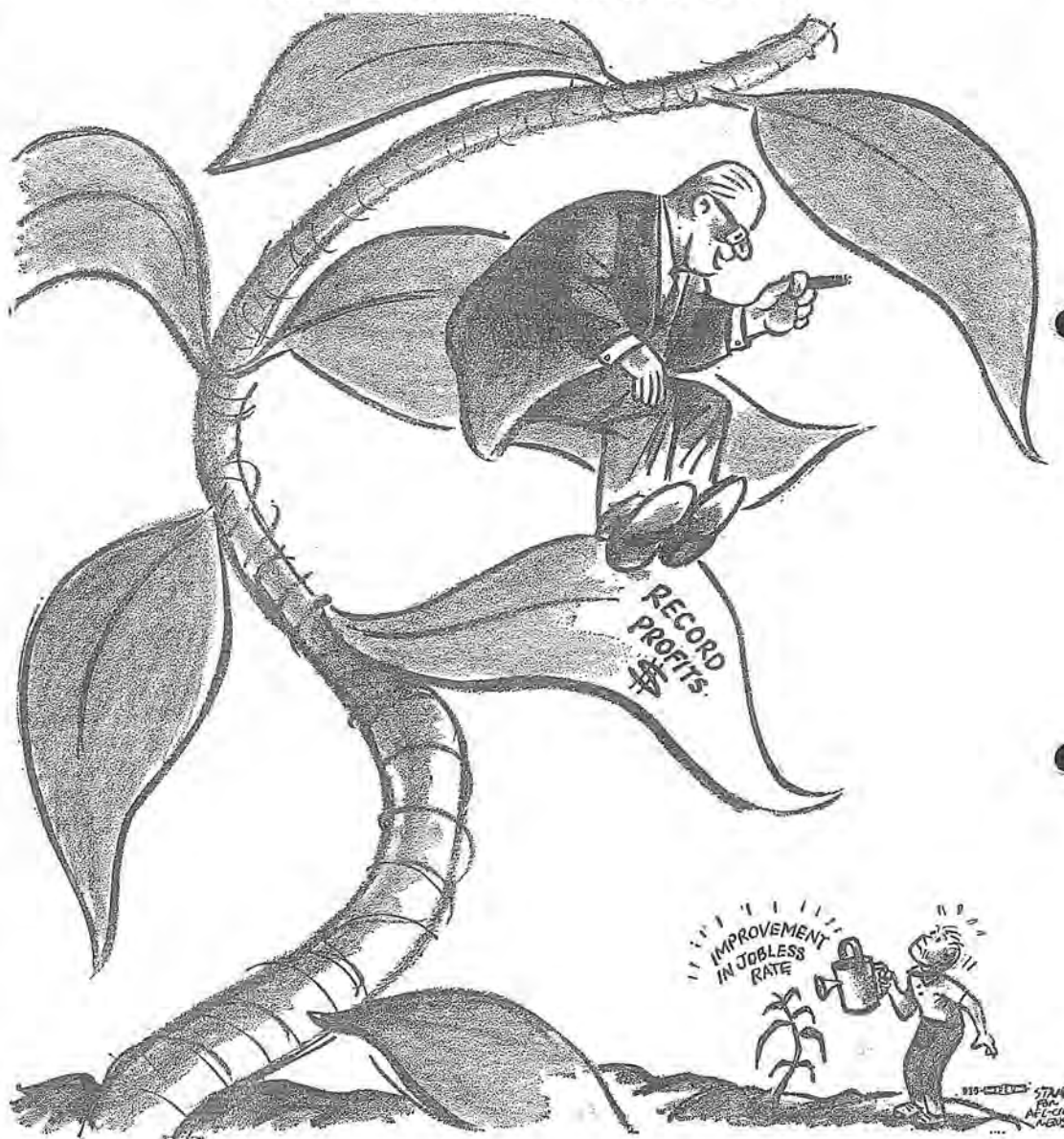
Likewise, there is the Grievance Committee and Job Stewards who devote countless numbers of extra hours guarding the rights and dignity of Brother Engineers.

KEEPING PACE WITH CHANGE

There are countless other items which members enjoy as "regular benefits" in addition to those mentioned here. But these are only a few of the many conditions contained and guaranteed in Local 3 agreements designed to insure full respect for the rights of the Operating Engineer. New contracts are being negotiated every month to widen the sphere of influence of Local 3. This, in itself, indicates that Local 3 is a democratic and progressive union equal to fitting the pattern of a changing society, and in keeping abreast of these changes for the benefit of the membership it serves.

We feel you will agree all this did not "just happen." This is the result of the combined "teamwork" of the members and their officers, and we're sure with this continued effort we may work to further our gains in the coming years.

'How Does Our Garden Grow?'



Valley Roundup

San Jose Keeps Engineers Busy

By A. J. HOPE, G. L. MOORE, W. H. DAVIDSON, J. N. HALL, and H. T. PETERSEN

SAN JOSE — Work in the San Jose Area is going along at about the same pace as previously reported. The out of work list has diminished some, but we still have quite a number of men on the out of work list, in all classifications with the exception of rubber tire operators. Our list is pretty short for men in this category who are willing to work in the southern part of the County. There will be some of this work coming up this month.

The State Department of Water Resources today opened bids for the construction of the final reach of the South Bay Aqueduct, of the State water project. McGuire & Hester, of Oakland, was low bidder at \$1,111,111. Engineers estimate was \$1,028,252 to excavate and place 14,800 feet of concrete pipe, building diversion works and construction of a steel terminal storage tank near the Santa Clara County Flood Control and Water Conservation District's East Side Treatment plant, two miles northeast of San Jose. Excavation will approximate 60,000 cubic yards. Pipeline will include 4,000 ft. of 72 inch diameter, 3,400 ft. of 66 inch diameter, 3,400 ft. of 60 inch diameter and 4,000 feet of 42-inch diameter pipe. Completion date is April, 1965.

The contract for improvements on San Tomas Expressway between Forbes Ave. and Stevens Creek Road was awarded to Dan Caputo of San Jose for \$1,293,713. Pelligrini Paving will do the excavating. This job will be an extension of San Tomas between Stevens Creek and Homestead.

Ebert-Spartan Company started work on the Moorepark storm

Drain, consisting of approximately nine miles of lines, mains and laterals and will keep 20 Brother Engineers busy for about three months.

Pestano-Milpitas Construction Co. started the Saratoga Ave. Storm Drain project, working ahead of Leo Piazza, who has the conversion job which will make Saratoga Ave. a four lane divided highway between Stevens Creek and Campbell Avenue.

A. J. Raisch started the Monterey Highway job of approximately four miles of conversion to a separated Expressway. Senco Pipe Line is doing the underground work on this one. Twenty of the Brothers on this job and will be for several months.

Guy F. Atkinson Co. is busy on two buildings in this area, and at present Wm. D. Smith is moving the dirt on the Mt. Pleasant High School job.

Stevens Creek Quarry and Santa Clara Rock Sand and Gravel have been very active in supplying base rock and fill materials to the highway projects now going on.

Work is going strong in the Santa Cruz Area. Granite has a road job in Ben Lomond with John Parker in charge.

Ernest P. Pestana of Cupertino was awarded a contract for \$561,698 for building roads, sewer lines, water lines, drainage structure and a sewage pumping plant and outfall line to Aptos Sanitation District Plant. Private contracts by Seascope with public utilities companies for installation of underground electrical power, telephone, television and other facilities, will bring this project to over \$1 million. The job has now started. The Aptos Seascope Co. Development is located just east

of Rio Del Mar. The project includes 500 acres.

In Watsonville things are looking up. Hayward Construction Co. has the Freedom Shopping Center job that went for \$575,000. Hampshire Construction Co. has a building contract in the amount of \$570,000. Rosewall was low bidder on the City Hall at an approximate \$600,000 figure.

Peter Kiewit Sons Inc. is on a \$3 million project at Moss Landing, with about 20% of the work completed at this writing. There was 45,000 yards of concrete to place on this project.

Granite is making progress on the Highway job in Salinas. Willie Frank is moving the dirt, with Jim Gaither in charge. This one went for \$2,595,836.

Wilmouth Construction was low bidder on the Gonzales street work job, at \$270,000 and have 14 Brothers on the payroll at this time.

Madonna is busy on the Bitterwater job, and were low bidders an one-and-one-half mile stretch of tank road around the San Antonio Dam site at \$40,000. Contractor Jess Harrison is doing some camping sites in the San Antonio Area.

The R. J. Hunter and Associates, of Saratoga, have planned a \$4 million housing project on 61.5 acres of property recently purchased from Grace May Annis. It is north of the Freeway, about one-half mile from the Rio Del Mar turnoff. They are expected to start this project this Summer.

Daniels & House, of Monterey, was low bidder for construction of electrical systems, sewers, drainage, roads and concrete buildings for B.O.C. mess, at Ft. Ord.

Santa Rosa Looks To the Future

By RUSS SWANSON and LOU BARNES

SANTA ROSA — While work orders so far in the Santa Rosa-Ukiah area haven't depleted our out-of-work list, we can take heart that there are several areas around us that are going strong.

Perhaps our turn is next! Anyhow, some of the prospects for the coming years include: Warm Springs Dam, near Cloverdale; Franz Valley Dam, Knight's Valley and Spencer Dam near Covelo. The Cummings road job, in the vicinity of \$6 million and various channel improvements along with lots of sub-division work and street improvements.

MEETING ATTENDANCE

We appreciate the attendance at the Ukiah joint Safety and Credit committee meeting recently. It was very informative and showed some of the dangers to avoid while working with the heavy equipment.

The Credit meeting, too, was informative and should generate more interest.

The next joint meeting of these two committees will be July 15 in Santa Rosa at the Labor Temple, 1700 Corby Ave. Don't forget to invite your wife to the Credit meeting.

GRIEVANCE COMMITTEE

A recent election of the grievance committee returned members Les Crane, Howard Seacord and L. S. Kitzmiller to office for another year. These men have done a fine job in the past and were rewarded with a vote of confidence from the membership. Congratulations, Brothers.

NEW WORK

Ernest Pestano, was low bidder on the Kelseyville job. The amount of the contract is \$262,000 for installing sewerage and trunk lines along with a treatment plant. This will keep some of the Brothers going the remainder of the year.

Baun Construction Co., of Fresno, were low bidders on plant mix overlay in various locations in Lake County. The company is now trying to find a location to set up a plant and crusher operation. This could be a problem for most of the rock does not meet with State specifications. Argonaut Contractors was low on the bid for reconstruction of Third street with \$75,987.

There will be another portion of the Santa Rosa creek channel change to be let on the 29th of this month. We are hoping this job will help to cut down the size of our "out-of-work" list, along with the Booneville job opening, July 8th. The Booneville job will be a good dirt job running over a million dollars.

Bids will be opened on July 7th on the Buildings at Sonoma State College Site. There will be considerable site preparation. Also, there will be another portion let on June 30th for the building of an outdoor Physical Education facility, namely a volleyball court along with curb and gutters, fencing and concrete walkways.

Most of the old jobs are in the finishing stages. Peter Kievit Sons opened their highway 12 overpass to traffic and all that is left is the clean-up work. McNamara Corp. is completing the portion of highway 101 at Cloverdale. This should be finished within the next 30 days. The Brothers at Arthur B. Siri Co. are busy these days finishing their old projects.



A WHOPPER . . . Here is the Los Banos "wheel" hard at work in over 100 degree heat. The Bucyrus-Erie Wheel is shown loading large belly dumps on one end while chews the material

up with the Wheel. The San Luis project has many Engineers employed regularly.

Fresno District Nears Full Employment

By JOE MILLER, BOB SKIDGEL, GLENN MULLOWNEY and GENE FORTH

FRESNO—The work picture in the Fresno District is still very good. The out-of-work list is dropping rapidly this month, and

most all of the membership is working.

Some projects are in the final stages and nearing completion, however, there have been enough new projects awarded to more than offset these, and this area appears to be getting busier as

each month comes along. Building work in the Fresno Metropolitan area is still on the upswing along with demolition work going on. As soon as the downtown area gets cleared of demolished buildings new construction of one type or another gets underway.

The City of Fresno has approved plans for two major building construction jobs in the downtown area. These will be multi-story office and apartment buildings and construction should be underway in the near future.

DOWNTOWN MALL

Work on the Mall is progressing very well. Most of the underground work is complete and the various design structures are now being built. The landscaping will begin very soon and the beauty of the Mall will begin to show.

Many business houses along the Mall are being renovated and are receiving a general "face lifting."

The new Fresno County Courthouse is now under construction. The foundation and wall footings have been excavated and concrete and steel is now being placed.

COALINGA ASBESTOS

Negotiations have been concluded with the Coalinga Asbestos Company (a subsidiary of John Mansville.) A satisfactory agreement was reached after several weeks of meetings.

The agreement was ratified by a 2 to 1 majority of the employees, and the contract called for a general increase in wage rates and fringe benefits over the next two-year period.

We are now in the process of negotiating a contract with Atlas Minerals Corp. at Coalinga. We hope to conclude this contract in the near future. Negotiations are also underway with Massey-Ferguson Company for their manufacturing plant employees at Fowler. We have had one meeting with the company and another is to be scheduled shortly. The agreement covers approximately 70 employees.

CONSTRUCTION TALK

American Paving Co. was awarded a road construction

project at Johnsondale in the Sequoia National Park.

Hes and Dubach Cons. is moving along very well on projects at Hanford and Kingsburgh.

Kenneth Golden Co. has started the Lassen Ave. project. They subbed the dirt work to Lew Griggs Cons.

Sequoia Rock Co. at Porterville is working 2 shifts, making rock for many small jobs in that area.

Fredrickson & Watson has finished the concrete paving between Selma and Kingsburgh. Kenneth Golden Company is doing the Asphalt Paving on this project.

Huntington Brothers is crushing Rock at Reef City for the Hess & Dubach project at Lemoore.

Sierra Pipelines has about 5 miles of steel pipe to lay at Reedley and have just started this job.

Gordon H. Ball Enterprises has started the Westside Freeway 6 miles west of Los Banos.

Several operators were called out of the hall this week and should be in full swing soon.

Page & Smith is moving along on the Merced Levee project.

Fredrickson & Watson is in full swing on the levee job at Red Top. Lee Stephens is subbing the dirt work on this job.

LOS BANOS AREA

All of the many contractors are in high gear in the Los Banos area. The San Luis project is well underway with millions of yards of material being moved each month.

We have Rock Plants, concrete plants, canals, dams, pumping stations being built in this area.

This area is booming and Los Banos is growing by leaps and bounds. This project has created a tremendous amount of work for the membership in this District and will continue to furnish jobs for them for several years to come.

Heavy Demand Placed On Engineers In Stockton Area

By WALTER M. TALBOT, AL McNAMARA, GLENN DOBYNS and RALPH WILSON

STOCKTON—We are happy to report that the call for engineers has been great enough this past month to deplete the out-of-work lists in some classifications, and with the new work that has already been let, and more to be bid, this condition should exist throughout the season.

Jobs credited with causing this situation to a great extent have been the double-shifting of the McNamara Corp. Westside freeway job southeast of Tracy; A. Teichert & Son on \$250,000 of San Joaquin County road jobs at various locations; S. M. McGaw Co., also on County road jobs and miscellaneous work in the area; Osborn Constructors in the paving phase of their Highway 49 job between San Andreas and Mokelumne Hill; Harms Bros. returning to their Highway 88 road job near Silver Lake in Amador County; Fresno Paving setting up to pave the Hooker Co. job on Highway 4 above Arnolds; Elmer Wendt constructing and realigning Bear Creek; Claude C. Wood Co., in addition to their county road jobs, on the State Highway job near Camp Connell in Calaveras County; Crowell & Larson ordering several engineers on resumption of their road job on Highway 108 near Long Barn; Healy-Tibbets continuing to use more operators on their Hetch-Hetchy pipeline crossing of the San Joaquin River near Vernalis, as the phase of their operations change, and H. Earl Parker's road job on Highway 120 near the entrance to Yosemite Park.

OTHERS NEAR PEAK

Jobs still to reach their em-

ployment peaks are Granite Construction Co. on Highway 4 near Tamarack, which now probably has two seasons left to complete, and Western Contracting Co. of Sioux City, Ia. with approximately 12 miles of new canal to construct in the Patterson-Newman area for the Department of Water Resources. Although this project was awarded over two months ago, no appreciable work has been done to date, but rumor has it that the Company is waiting for the delivery of new Euclid equipment before commencing in earnest.

\$50 MILLION TOTAL

The California Youth Authority Center under construction, with Nomellini Construction Co. the general contractor, has many sub-contractors on the site with various phases of the initial construction. According to reliable sources, this institution, now under construction in excess of \$4 million will eventually exceed an investment of \$50 million by the time the Center is completed.

O. K. Mitty & Sons was low bidder on the Jackson Valley Dam to be constructed near Buena Vista in Calaveras County. Mitty's bid was \$1,700,000 to build the dam, which will necessitate the moving of approximately 3 million cubic yards of material.

P. & S. Construction Co., of Chino, was low bidder at \$326,900 on phase I to the Tuolumne Water District to construct sanitary sewers at Twain Harte in Tuolumne County. However, the bid exceeded the engineer's esti-

—Continued on Page 16

Personal Notes

SAN JOSE

Brother and Mrs. Rex Roggasch are the parents of a new arrival, Rex Roscoe, Jr., born at O'Connor Hospital May 14th. He was six pounds, 11 ounces and 18 and one-half inches long. An Engineer for the future!

We extend best wishes for a speedy recovery to Brothers D. W. Mills, O. D. Ostrom, Orville Smith and Dave Emery.

We extend our sympathy to the widow of our deceased Brother Lauren C. Smith who died June 15.

In the past two or three issues of the "Engineers News" we have appealed for our Brothers to help keep the blood bank supply up. The blood reserve is very low. Below is a letter from a very appreciative Brother who had a recent need for blood.

"Thank you Brothers! It seems such a small way in which to extend my heartfelt appreciation for the blood which was donated on my behalf during my illness. But Thanks a Million!"

Sincerely,
Bryan Hemphill

Donors to the blood bank recently are: David Bardine, Charles Bray and Bill Dalton. Call the dispatch office now and make a reservation to contribute one pint this year!

VALLEJO

Brother Bert Butterfield is in the VA Hospital in Martinez and is waiting for surgery. We all wish him a speedy recovery.

Brother Ed Patterson has been laid up for almost a year. Last year Ed broke his hip, that healed. Then he fell and broke his ankle. We hope he will be up and around in the near future.

Brother Pete Atkins had a eye operation about 2 months ago. We hope he is better in the near future.

EUREKA

Congratulations—Mr. and Mrs. Dave Wilkins of Alliance Construction Co. on the arrival of your new son.

It is with sadness that we of the Eureka office send our heartfelt sympathies to the family and loved ones of Brother W. J. Napier who died June 17, after a lengthy illness.

We also extend our sympathy to Mr. and Mrs. G. H. Brockoff and family with the passing of their infant daughter on May 13.

STOCKTON

Brother Don Marshall, Jr., an apprentice engineer, suffered a broken right leg and back injuries recently on the Matich Corp. job in Modesto when the roller, which he was operating, flipped over.

We received a letter from Brother Clyde Dunsing, who is working for Holmes & Narver somewhere in the Pacific Islands, stating that he will be coming home soon.

MARYSVILLE

Brother De Wayne Miller, Truck Crane Operator for Hertel Construction is in a Sacramento hospital due to an automobile accident. We wish him a very speedy recovery.

FRESNO

Brother Gene Forth is now working as a Business Representative covering the area of Merced, Mariposa and Madera Counties. Gene is just getting his feet on the ground and we are glad to have him aboard and wish him well in this assignment.

Our blood supply is still low. Donations would be greatly appreciated.

Late Snows, Rains Hit Hard

By ERNIE NELSON,
AL DALTON, CLEM HOOVER,
TOM ECK and ART GAROFALO

SACRAMENTO—The Donald M. Drake Company, of Portland, Ore., was recently awarded a \$6.7 million project to build the new Mercy Hospital in Carmichael. The Lentz company started excavating with John Duff on Survey.

Other known sub-contractors at this date are: P and C on the Cassions; Weismer and Becker on the electrical; Matkin on the mechanical and Otis on elevators. Outfits such as A. Teichert and Son, Inc., Lentz Construction Company, Heavy Construction, Brighton Sand and Gravel and numerous other have jobs underway all over the area and picking up new ones almost daily.

The plants in the North Area are in full swing. P.C.A. Fair Oaks Plant is running a two-shift operation. Teichert's Del Paso Plant keeps a crew fairly busy as well as Arden Sand and Gravel and Fair Oaks Sand and Gravel Company. Paul Hardeman completed the test stands at Douglas where the contractors are awaiting the award of another test stand.

Contractors at the Sunset City are keeping a few Brothers busy. Bids will be opened July 1st, 1964 for surfacing with asphalt concrete on aggregate base 3.8 miles of the S. Lane Highway on the Hazel Avenue extension between North of Rocky Ridg Road and Rocklin Road.

FREEWAY PROGRESSES

Peter Kiewit and Sons are progressing rapidly on their 29-30th Street freeway job. They have most of their main columns up and are starting up with their Folsom work for the freeway deck. They have three cranes on the job plus one Gradeall, one KW hydraulic crane, one loader, and one forklift. They also have their pumping plant started. All the water from both directions on the freeway will drain to this pumping station and then be pumped into the city storm drain. Brighton Sand and Gravel Construction Company is still hauling dirt from its pit on Jackson Road. The Company has 20 bottom dump trucks hauling through the city streets.

Lebouf and Dougherty still have about two months left on their bridge job in West Sacramento. They are in the process of pouring the last cap for the bridge. The State will open bids on the 22nd of July for the bridge and the approaches.

PIPELINE JOB

A. Teichert and Son are going good on their pipeline job for Franklin Boulevard. They have crossed Franklin now and have headed for Elk Grove. This company also has started their Florin Road widening job and the Arden Way widening job. Florin Road will be widened to four lanes from the South Sacramento freeway to Power Inn Road. Arden Way will be widened to four lanes from Del Paso Boulevard to the railroad tracks in North Sacramento.

Lentz Construction Company have several jobs going, one of which is a pipeline job down Alhambra Street. This is a water line that runs in excess of 14,000 feet.

N. P. Van Valkenburgh are still going strong with a good crew on their Natomas pipeline job. They have two trenchers going now and one dragline, so

there is a lot of pipe going in the ground.

DAVIS REGION

Over in the Davis-Woodland area work is beginning to pick up. Guy F. Atkinson Company have started their three buildings on the Davis Campus with A. Teichert and Son doing the excavating. They are using Carl Trammell's loader with Brother Jay Lane at the controls to dig the basement. A. Teichert and Son also have several small jobs throughout the Davis area, such as subdivisions, building pads, new streets and resurfacing old streets.

Alcan Pacific is completing the "married student" housing job at Davis Campus with the exception of the landscaping.

A. Teichert and Son, Jay Bailey Company are among the contractors with work going in the Woodland area. Teichert have their pipe in on their Gibson Road job. They also are doing work on Colledge Street and other streets in the Woodland area.

Down in the Delta area Peter L. Ferry are still going on their levee repair job. They are using Basalt and Dutra Dredging in this operation.

Utah dredging have moved in on the new Stardust Marina job east of Rio Vista.

THE RAINS CAME

We had rain again this week up here, that's three weeks in a row! The Hardeman and Bedford job in Jackson Meadows is just starting to put on two shifts. They will probably open up at Faucherie Lake in another week. Granite has finished up at Scotts Flat Dam. They are rolling fairly good on Rollins Dam. This has been a real fine job.

Over on the American River side we have about the same problem, the "weather". They started to double shift French Meadows and at Hell Hole but just about the time they start it snows or rains.

Up Highway 40, Fredrickson and Watson are finishing and setting up their hot plant and the cement plant. The cement plant will be south of Cisco again.

Safety Meetings Credit Union

Here is the lineup for Safety meetings and combined Credit Union meetings for July as far as is known. Watch your district office for additional dates:

Stockton, July 7; Coalinga, July 8; Merced, July 9; Oakland at Carpenter Hall in Hayward, 8 p.m. on July 14; Santa Rosa, July 15; Livermore, July 16; Watsonville, July 22; Los Banos, July 23.

Wives are invited to attend these meetings to get a better understanding of the Credit Union.

Median Earnings Up

The median income of U.S. families jumped 5 percent, or \$293, to an all-time high of \$6,249 between 1962 and 1963, the Census Bureau reported on the basis of a population survey conducted in March.

SOME WILL RECOVER

During 1964, approximately 180,000 men, women and children will recover from cancer, the American Cancer Society says.

Briggs, Conley and Dennis are working some hours and hope to have the dirt on this job in 60 to 90 days. Guy F. Atkinson is moving along with finish crews and a small bit of dirt to be moved. Fredrickson and Watson are laying C.T.B. on this job also.

The tunnel crews are working three shifts and doing a fine job. They have hit the water in most of these tunnels but have taken care of it very nicely.

POLLOCK PINES

Gates and Fox Company on the White Rock Tunnel job are about 1000 feet underground. They are under Adit No. 2 and in good ground. This company is subbing under Walsh Construction Company. It should be completed about March. They have a new Imco loader which was built for this tunnel.

A public hearing will be held at the Strawberry Lodge on the 23rd of June for a discussion of the future relocation of U.S. 50 between Riverton and one half mile east of Phillips "Vade" twenty four miles in length. This section is the last remaining stretch of U.S. 50 to be adopted as a freeway at the west end. It will tie into the existing four lane expressway completed as far as the American River at Riverton.

On the east it will connect with the adopted Route which includes twin tunnels at Echo Summit. Estimated cost is \$57,300,000 for initial construction of four lanes after study and consideration it will move toward adoption. Local No. 3 Operators hope this goes through.

THE ROUNDUP

storms, Granite Construction Company has been shut down on their freeway jobs on highway 50 east of Placerville, also the crusher, but are back in full swing. There are about 70 Operating Engineers working for this company.

Kuckenberg Construction Company is working a full crew Operating Engineers on the freeway in the El Dorado hills. They also have a 180 Northwest on the job and a belt loader. John Neal and Al Bannon are the ramrods on this job.

The J. A. Jones Construction Company is making good progress on the Robbs Peak Power house in Union Valley. The Union Valley dam built by Peter Kiewit Company will be dedicated June 25 in memory of Albert Givan, an early Sacramento City Engineer and first General Manager and Chief Engineer Sacramento Municipal Utility District.

BLOOD DONORS

Thanks and appreciation goes to the following for their donations of blood: Mrs. Francis Borree, Richard J. Burgess, Al Dalton, Clayton Fassett, Mrs. Norma Gault, Lou Hicks, Walton W. Hunn, Jr., M. L. Purser, Jack Riley, Al Seaton, Henry Seira, Dan Timmons and Will Timmons.

We are holding mail for the following: Irwin S. Bagley, Eddie Hayes and Emery I. Williams. Work, generally, has held up well. We dispatched 568 men this past month, however, there are still 341 operators and 66 oilers on the "A" list. Inclement weather in the high country is holding us up in the mountain areas as snows and rains have hit every week the past two months. There is a lot of work being held up, but weather permitting, everyone should get a break shortly.

Obituaries

Name—City	Init. Date	Date of Death
Norlyn G. Amick, Ogden, Utah	2- 7-42	6- 8-64
Carlton Black, Stockton, Calif.	5- 7-48	5-25-64
Torrie Clementsen, Oakland, Calif.	9- 1-45	6-14-64
Charles E. Colburn, Oakland, Calif.	9- 1-45	6-11-64
Herbert Divine, Oakland, Calif.	6- 6-42	6- 9-64
Duane Freeman, Concord, Calif.	5- 5-56	6-18-64
Lawrence W. Haddock, So. San Francisco, Calif.	12- 6-47	6-15-64
Merle Haight, Salt Lake City, Utah	5- 2-42	6- 1-64
Elton L. Hemphill, Grantsburg, Ill.	10- 5-57	5-27-64
Lawrence Huck, Brisbane, Calif.	10-24-55	6-15-64
Frank Lampson, Berkeley, Calif.	10-25-38	6-13-64
*Willard B. Love, Napa, Calif.	10- 7-44	6- 3-64
Edward B. Newton, Half Moon Bay, Calif.	10- 6-56	6-12-64
L. L. Roberson, Aptos, Calif.	3- 3-51	6- 6-64
Joseph Robles, Bakersfield, Calif.	8-29-42	6- 3-64
Orvel G. Sims, Sacramento, Calif.	7-11-58	6- 7-64
Frank Snow, Hayward, Calif.	12- 7-40	6-15-64
Lauren C. Smith, San Jose, Calif.	6- 1-46	6-15-64
Ovie E. Trott, Sparks, Nevada	11- 5-55	6- 3-64
*Archie Vega, San Leandro, Calif.	9-13-59	6- 7-64
Emory White, Stockton, Calif.	9-11-54	6-22-64
*Herbert Wooldridge, Concord, Calif.	5-24-64	5-25-64
*(3) Industrial Accidents		

Huge Oroville Recreation Area Planned

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

The unpredictable weather has been living up to its true form during the past month here in the Marysville District. As we stated in last month's copy of the Engineers News, there have been many small jobs let, but the contractors are real hesitant to get started. We realize some of our Brothers have been out of work longer this season than in the past, and we are more anxious than they are to get everyone to work. Old man weather has changed from close to 100 degree heat to heavy rains to keep everyone guessing, including the experts. We still have quite a few operators and oilers on our out-of-work list in this district.

RECREATION PROJECTS AIMED AT 67,000 DAILY VISITORS

The Oroville Project Recreation Committee has planned a vast recreation center for the Oroville area with facilities to handle up to 67,000 persons a day. There will be ten recreation areas around the lake to be developed between 1965 and 1971. The areas north of the Thermalito forebay and east of the Thermalito Afterbay are to be developed by private concession as early as 1965-66.

The borrow area, south of Oroville and adjacent to the rice fields, is tentatively being planned for a wildlife study area with work starting in 1965-66. The fish hatchery visitor center will be along the north bank of the Feather River, extending west from the hatchery to about Sixth Street. The Lime Saddle area on the west fork of the Feather River five miles northeast of Cherokee is expected to be started in 1965-66 with facilities for picnicing, camping, boat launching, concessions and a beach. It is expected to draw a half-million visitors a year.

KELLY RIDGE PLANS

The Kelly Ridge area, housing the administration and visitor monuments, concessions, boating and picnicing. It will be started in 1966-67 and there is some thought in the committee of developing a camp trailer site at Kelly Ridge because of accessibility and topography of the land. At the overlook, guides will be on hand to show the public how State and National money is spent.

The Loafer Creek area, east of the dam site, will be started in 1966-67 and will handle some four million persons a year at its completion. Development of Craig, Sycamore Creek, Potter Ravine, Bloomer and Bloomer Primitive areas will begin in the late 1960's and early 1970's. The state has possession of all reservoir front property 300 feet back from the shoreline, enabling the public to reach the lake at any point. Because of rugged terrain, some of the shore line will be accessible only by boat.

500,000 VISITORS

The Oroville Dam overlook, high on the left abutment of the work area about five miles upstream from Oroville, has welcomed its 500,000th visitor. The count of visitors at the damsite indicates that the half-millionth person to view the job entered the parking area about two weeks ago. Visitors from practically every state in the Union and from many foreign countries have taken advantage of the

construction overlook during the past year. Traffic in the area was slowed somewhat last winter because of fog and otherwise inclement weather, but the average monthly total now is about 40,000. This dam is the key structure in the State Water Project.

FOUR LANES OPEN

Baldwin Contracting Co., Inc., of Marysville, has completed all four lanes of the 4.3 miles of new divided expressway on Colusa Highway (Hwy. 20) in Sutter County, west of Yuba City. Although the expressway begins at Harter Road, new lanes have been built starting about one-half mile west of Onstott Road to channel on and off traffic. Four entirely new lanes have been built south and parallel to the old road as far as Township Road. The old two lane highway, in the east half of the project, has been resurfaced and is now a frontage road. The west portion of the old highway, between Township and Humphrey Roads, has been improved and is now the westbound lanes of the expressway. Two new lanes have been built to accommodate eastbound traffic. Baldwin's bid on the job was \$887,800 for the project.

Improvement of the 1.1 mile section between Harter Road and Onstott expressway (Hwy. 40 Alt.) will get underway this summer, making Colusa Highway four lanes from Humphrey Road to the Feather River Bridge in Yuba City.

LOCAL ROAD BIDS

Two road resurfacing projects for the Oroville area were included in the bids received by the California Division of Highways. The bids covered the resurfacing of 50 miles of state highways in the five county area. The low bid of \$373,819.90 was received from Baldwin Construction Co., Inc., Marysville, for the projects. The company's bid was the lowest of two bids. Work on the projects is expected to get underway in a month to six weeks with completion expected in about four months.

The local projects include resurfacing of U.S. 40A (now State Highway 70) from two-tenths of a mile south of Montgomery Street to Garden Drive, a distance of 1.9 miles. The project also includes resurfacing 8.2 miles of U.S. 99E from the Richvale "Y" to the Skyway south of Chico. There are other projects included for Yolo, Colusa, Yuba and Sutter Counties.

PARKER GETS BRIDGE JOB

A low bid of \$568,001.05 was received last week by the California Division of Highways for construction of a new bridge and approaches over the Bear River on US 99E one mile south of Wheatland. H. Earl Parker and Thomas Construction Co. of Marysville were lowest of eight bidders, according to officials at the Marysville District office. The old bridge, which will continue in use during construction, will be demolished after the new prestressed concrete span is completed. It is expected that the work will begin in about four to six weeks and continue for about a year.

ROAD RELOCATION APPROVED

The Department of Water Resources today announced that it had reached its first extensive agreement with Butte County on county road changes needed to make way for Oroville Dam.

The agreement covers 15 miles of roads to be relocated, modified, or abandoned near the Thermalito Dam section of the project on the Feather River. It came while a proceeding was pending before the Public Utilities Commission in a dispute over relocation of the Oroville-Quincy Road and a few other road sections in the county.

The agreement calls for relocating 4 miles of the Oroville-Willows Road with a minor relocation on Relson Ave., modifying the Oroville-Cherokee, Oroville-Chico and Tres Vias roads; and abandoning 1,000 feet of the Tres Vias Road, 6 miles of Larking Road, 2 miles of Hamilton Road and one-half mile of Rabe Road. The Butte County Board of Supervisors approved the changes in April.

CEMETERY CONTRACT AWARD

State Water Resources Director William E. Warne awarded a \$78,918 contract for the construction of a new cemetery to relocate 300 bodies from the Oroville Reservoir area. The contract was awarded to Frank P. Donovan of Santa Maria. The price was approximately 25 per cent above the department's estimate of \$63,141.

The work included preparation of the new site, construction of roadways and drainage facilities, relocating the 300 bodies and some 160 monuments and placing new grave markers.

The new site, to be called "Pioneer Cemetery," will be located adjacent to the Thompson Flat Cemetery on Cherokee Road near Oroville.

The relocation is the first cemetery removal made necessary by construction of the State Water Project. It is scheduled for completion by November, 1964.

BRIDGES FINISHED

Work has been completed on the replacement of two Mud Creek bridges in Butte County—one on Highway 99E about 3½ miles north of Chico, and the other on Highway 32 about 4½ miles west of Chico, according to state highway officials at the Marysville district office.

The new structures conform to a change in grade due to levee construction by the Army Corps of Engineers as part of a flood control project diverting high water from Linda Channel to Mud Creek.

The \$341,000 job was financed by the State Board of Reclamation. A. Teichert and Son, Inc., of Chico, was contractor.

BIDS FOR TWO BRIDGES

Bids will be called Friday on a \$600,000 project to build two bridges across Thermalito Canal at the Oroville Dam Project. The bridges will be built for the Oroville-Chico Highway and the Oroville-Cherokee Road, the Department of Water Resources said. The canal will convey water from the Feather River below Oroville Dam to the Thermalito forebay and power plant.

Bids on the job, scheduled for completion in August, 1965, will be opened July 15.

ROAD IMPROVEMENTS

The State Division of Highways has advertised for bids 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, according to officials at the Marysville district office. Bids will be opened July 15 with approximately \$364,200 available

for the Federal Aid Secondary system project including \$107,744 federal money, \$73,279 in state matching funds and approximately \$183,177 from the county.

The project includes widening the existing 18 foot road to 24 feet and construction of a wider bridge at Oregon House Creek. The project connects with the new section around the north end of Merle Collins reservoir completed last year.

A low bid of \$42,745 was received last Wednesday by the California Division of Highways for widening a 2.4 mile section of U.S. 40 Alt. (New State Sign Route 113) in central Sutter County.

A. Teichert and Son, Inc. of Yuba City was lowest of three bidders, according to highway officials at the Marysville District office.

The project will run from the Sutter Causeway, about 15 miles south of Yuba City, north to Maggi's Corner (Intersection of George Washington Boulevard). Work will get underway in about a month or six weeks and will take about two months to complete.

UNEMPLOYED "ED" CLAIMS

"Extended Duration" claims for unemployment benefits may be filed during June, according to Norman Long, Manager of the Marysville office of the California Department of Employment. "Extended duration" benefits are available when the ratio of unemployed claimants compared to covered employment reaches 6 per cent.

The benefits provide for an additional 50% extension of regular benefits to eligible claimants. Eligible to file for these benefits are those who have no further benefits in the claim year already established, or whose claim year expired on or after March 7, and who have no benefit rights available from any other state.

MOUNTAIN JOBS

Thomas Construction at Downieville will be finished with their job in about three weeks, and they are getting their job at Quincy well underway. Clearing is finished. It was subcontracted to Triangle Engineering.

Wells Construction at Susanville is finishing the Highway 395 job which was started last year. They also have another good job starting soon at Susanville.

Power Construction on their bridge job at Quincy have their detour completed and are wrecking the old bridge at present. They soon will be starting the new one.

Osborne Construction, Taylorsville, are building one new bridge and getting along real good. They also have extensive repairs on another bridge near Taylorsville.

A. Teichert & Son are putting the base rock on their road job at Chilcote, should be through in four to six weeks.

Piombo Construction at Oroville have been working most of the winter on their road job and it has been a very good job for our brothers. Completion date on this job is December 1.

INDUSTRIAL REPORT

Approximately 26 men are doing a good job at Yuba City Steel Products.

Peterson Tractor Company, located in Chico, is keeping a few men busy. This is a year around job. H. Earl Parker is going

Noise Becomes Safety Hazard

Continued from Page 1—

any knowledge of any new type of equipment being put on the market, or if you are operating any new equipment you feel has a high noise level, contact us. We will arrange for a noise level survey on this particular equipment and work with the various manufacturers and employers in reducing the noise level to that required by the Code. It may be that operators may have to wear ear plugs or muffs to ease the decibel rating.

If we work in coordination with the employers and insurance carriers, then possibly we may bring the claims for loss of hearing in 1964 and 1965 down at least to the 185 claims that were filed in 1959 and possibly lower.

We recently returned from a national safety conference which was held in Washington, D.C. the week of June 22. Many problems and ideas on how to cope with them were brought out in this conference.

One which will affect us immediately, we were informed that the U.S. Public Health Department will send a crew of men into the San Luis Dam project area at Los Banos, July 7 through 17.

The Federal people are very anxious to learn about the problems of "body dehydration," and are prepared to run exhaustive and thorough tests on body temperature, lost moisture content, the effects of salt tablets and the like as a safety measure.

Contractors will be informed of this visitation and we strongly recommend complete cooperation with these people, because they are concerned with your well being and safety.

INDUSTRIAL ACCIDENTS

Now that construction has hit a rapid tempo and is nearly in full swing, we are receiving many inquiries concerning industrial accidents.

If you will let this department know of such accidents, many times we can be of assistance in expediting industrial claims and advise you or your family on proper procedures to make claims.

So call on us. We're as close as your 'phone.

strong on the rip-rap of his levee job on the Sacramento River. New York Machine Shop is keeping quite a few of the brothers busy. This job is in Oroville.

Yuba Sand in Marysville is having its face lifted. The change from wooden beams to steel beams is making an improvement. The three steady men have been kept busy bagging sand for shipment. The quality of this sand is unmatched anywhere in the United States.

Our late rains have slowed things up a bit, but our hot weather is coming fast.

WE NEED YOUR BLOOD!

We urge all the brothers and their wives to donate a pint of blood to the Operating Engineers Blood Bank. The pint you give could save a brother's life. The mobile blood 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.

Tax Credits are Recommended To Spur Apprentice Training

The blue-ribbon advisory committee on apprenticeship has recommended that a federal income tax credit would be the best incentive to encourage employers to adopt or expand apprentice training.

The Government's committee is made up of five representatives of labor, five from management and one from government. Chairman is George L. Watkins, president of IAM in Washington, D.C. The Federal committee made the decision in a report to Under Secretary of Labor John Henning after studying other forms of incentives, some of them used abroad.

The tax credit incentive recommendation, the committee emphasized, should apply only to apprenticeship, to those pre-apprenticeships which are closely linked to apprenticeship, and to trade extension programs for journeymen.

The decision to recommend tax credits as incentives for spurring apprenticeship is an important guidepost. It seems the best technique available. A tax credit makes it advantageous to employers to participate.

Watkins said the conclusions of the committee were based on this reasoning:

Cost to the employer is the greatest single bar to an adequate apprenticeship program in America. Skill development is considered analogous to capital investment in plant and equipment.

It was pointed out that Congress already has allowed employers a seven per cent tax credit for any year they make approved expenditures for improving their plants and equipment. The same type of incentives could be applied to development of necessary skills through apprenticeship.



THE LATEST . . . Brother Pete Ramirez is proud of his 824 Cat pusher which has automatic drive, three speeds forward and back, power steering and hydra-lift. He's on the Green-Winston Dublin Freeway job in Alameda County.



LIQUID LAND—This sand-filled water gushing from the end of a long pipeline shows how fill material is being pumped through pipes to fill in low-lying areas at Foster City. The water is subsequently drained off and fill remains. The method provides for fast, large-scale filling, results in excellent compaction for building sites, and eliminates the need for heavy trucking of earth-fill.

Apprentice Corner

Work Slowed by Winter Weather; Pickup Noticed

By D. O. DEES, A. A. PENNEBAKER, EDWARD MIDDLETON, ROBERT LONG and JACK McMANUS

Apprentices in the Northern area are beginning work at long last. Weather is the prime factor in the Eureka area. However, Archie Ray went out for Granite at Blue Lake and Tom Anderson is employed by Morrison-Knudsen at Phillipsville. The Redwoods are not alone in "Looking Up" for this office.

Distance means very little to the boys in the Redding Office as they are scattered from Pit River jobs to Tehama. Pit 6 had a cutback of one shift and one apprentice; however, the McCloud dam will open soon, also, the batch and slip-form paving at Mt. Shasta for Fredrickson and Watson. Speaking of cut-backs, the economy wave is rolling over Oroville Dam, but we are looking forward to plenty of dam action in the future. Brewster and McNamara are moving right along in Chico with one apprentice each.

Apprentices are catching on and doing good jobs, according to the employers. Our THANKS for the fine support the old hands are giving us because it is YOUR program. We make enough mistakes as it is so who wants to learn the hard way?

SACRAMENTO VALLEY

The Apprentice program in the Sacramento, Stockton and Fresno area is growing each day as the weather improves and the work load increases.

There is a lot of new road work on Highway 40 and 50 in the Sacramento area. Most of the contractors are using apprentices on the jobs. The contractors are: Fredrickson & Watson, Granite Construction Company, Paul Hardiman and Cal Mobile. The downtown area in Sacramento is very good for apprentices.

The Stockton area is a little slow getting started, but will pick up soon as the canal job starts. Western Contractors have this job and agreed to use our apprentices. There is also a large dam to start at Ione, and we hope to place a number of apprentices on this job. Match at Modesto is going strong at this time after a slow down due to bad weather. Claude C. Woods has a number of apprentices working on his jobs. S. M. McGaw is also using apprentices on his jobs.

FRESNO BOOMING

Fresno is really going good. We have many apprentices working for Guy F. Atkinson, M. & K. Brown-Root, Boyles Drilling, McNamara-Manix job at the San Luis Dam and more are being added. The Gordon Ball Road job has started at Los Banos and they are going to use some apprentices in the near future.

At this time, we remind all apprentices in this program to remember to do a good job and to work safely.

OAKLAND AREA

Work has been a little slow in this area due to the open winter, but we have quite a few apprentices working at this time. All State Equipment has one; Prod-onovich, one; Stolte, one; McQuire-Hester has two; Guy F. Atkinson, two; Gordon Ball, two; Peter Kiewit has a total of seven apprentices on different jobs in the area. Shaw Sale presently has one; Martin Brothers has two.

Fredrickson & Watson has two on the Rossmoor job. Quarry Products in Richmond has three in the quarry, Crusher and Shop. Stolte has one in the Oakland

shop. O. C. Jones has one; Bigge has one; Active Construction in San Leandro has one in the shop. Gallagher & Burke has two apprentices on various jobs.

SAN JOSE AREA

We have a number of apprentices working here. Stolte has one on the pipeline; Lew Jones one on the Truck Crane; Balardi Construction has one in the shop and one in the field. A. J. Raisch Company has one in the Hot Plant and one in the Shop.

Leo Piazza Paving Company has three in the field; Bellicitti & Pellicciotti Construction Company is employing one; Pisano Brother, Inc., has one; R. Bresani Construction Company has one in the shop.

Leo Piazza Paving Company has three in the field; Bellicitti & Pellicciotti Construction Company is employing one; Pisano Brother, Inc., has one; R. Bresani Construction Company has one in the shop.

Barrett Construction has one on the truck crane, Peninsula Crane & Rigging, Inc., has one and Sondgroth Brothers has three apprentices in the shop, hot plant and field.

SAN JOSE SURVEYORS

We have a number of apprentices working in this area in various periods of training.

McKay & Somp, in Sunnyvale, is training 3 apprentices; George Nolts has two; Bowman and Williams, in Santa Cruz, are using four apprentices on various projects. Mark Thomas has one; Jones, Thenn & Associates are using two; Mission Engineers and L. G. Brian each have one.

We want to take this opportunity to thank our instructors that have done such a fine job with the survey classes. They are Ray Peters in Oakland, Desidre Slavoj in San Francisco, Marin and San Mateo and Jack Williams in San Jose.

New Credit Union Growth in U. S.

Labor union members in the United States organized 67 new credit unions in 1963, bringing to about 1,250 the number of labor union-sponsored credit unions in this country.

An additional 110 credit unions serve Canadian labor union members, according to a recent study by the Credit Union National Association (CUNA).

Labor credit unions vary in size, but most of them are like two-thirds of the 21,500 credit unions in the United States with total assets less than \$100,000. Some, however, have assets of millions of dollars.

Credit unions serve their members by helping them avoid financial difficulties, and by providing a convenient place to save money and obtain low-cost credit. Through the credit union idea, many individuals learn the value of thrift — the wise management of one's resources — and the practice of saving regularly, even if in small amounts.

The Oakland Area

10,000 Homes Slated for Dollar Ranch in Walnut Creek Region

By DON KINCHLOE, TINY LAUX, NORRIS CASEY, RED IVY, STAN GARBER, and JERRY BLAIR

OAKLAND — Less than 16 months ago, one of Northern California's largest residential construction projects was begun by Rossmoor Corporation on the historic 2200-acre Robert Dollar Ranch in Walnut Creek.

By the middle of June, nearly 1000 units of cluster housing had been sold; community facilities and offsite improvements in excess of \$4 million had been built; and the giant Rossmoor firm is gearing itself to a sales and construction program of 300 living units per month with expectation that the entire project of 10,000 units—a community of 18,000 persons 52 and over—will be sold out and completed in less than four years.

20,000 UNITS

This incredible record is nothing new to the Rossmoor Corporation, which sold out its first Rossmoor Leisure World in Seal Beach, California, in eighteen months — a total of 6000 units. The second of these planned communities, often termed "America's largest country club," is being built in Laguna Hills, south of Santa Ana, and will contain 20,000 units! Sales have been equally phenomenal, with more than 1400 sold in three months.

More important than the actual sales, however, is the acceptance of relatively conservative people, many of them retired, of a brand new concept—the cluster type planned community. To Operating Engineers this is a complete departure and a new challenge to break away from the time-honored single-family pads. Sculpture of the land is the new order of things; carving a five acre site for a cluster of homes or apartments, and leaving the remainder of the surrounding land either intact or shaping it into areas for recreation and landscaping.

LOWER ALAMEDA

Grading Unlimited is branching out and is working on a housing tract at Dublin with a new Kolman loader in operation. There is nearly one million yards of material to be moved plus fine grading and paving. Cole Lucas is the superintendent on this spread.

The Green & Winston Dublin freeway job and the overpasses is making good progress. Presently, there are 2 foremen, 4 grade setters, 10 scrapers, 9 dozers and compactors, 2 oilers, 1 grade-all, 1 front-end loader and 2 blades. The Sub-contractor for driving the pile is Raymond Concrete Pile. The operator on the driver is Ralph D. Sparks and Jack Pickard is the Fireman. Lindeman Trucking is hauling in the import material at the rate of 8,000 tons per shift from Kaiser Rock Plant at Pleasanton. Jack Adams Construction is the sub-contractor on the structures and overpasses.

Kiewit, at Byron, on the pump house job still have two shifts—rubber, cats, etc. working. They have two million yards to go. This is making a big hole in terra firma. Kiewit at the Turner

Dam in Sunol is progressing rapidly.

Earl Brown, Inc., has a fleet of 660 Caterpillar tractors pulling two large bottom dump trailers and are moving most of the fill on to the dam site at this time. These are being loaded with the 651's that pull on to a bridge-like structure and dump the load into one trailer, and as this 660 moves forward it is followed by another 651 which in turn dumps another load into the second trailer. Then these teams head for the fill. The 651's are being pushed by a multi-engine Wagner rubber tired dozer and two 660 cat tractors weighted with a concrete block. This really makes a three-ring circus.

OAKLAND AREA

Bob Mulloy is preparing the sites for fifty \$50,000.00 view homes in the Oakland hills just East of the Broadway tunnel. This involves the moving of approximately 780,000 cubic yards of dirt in the initial phase, with another half-million yards to be let. The following brothers are employed on this job: Joe Fanfa, Foreman; Pat Mulloy, Grader-checker; Dan Mulloy, Scraper; Scotty Jordon, Scraper; Marion Newberry, Scraper; Chuck Marshall, Dozer; Ray Rogers, Dozer; Bud Phillips, Sheepsfoot; Joe Klien, Mechanic; Irvin Danner, Welder, and Don Hurst, Oiler.

The R. A. Wattson Company has a contract with the Bay Area Rapid Transit District to drive two 1,000 foot exploratory tunnels into each side of the hill North of and parallel to Highway 24 (the Broadway Tunnel). This work was found necessary after extensive core drilling by the Boyles Brothers Drilling Company failed to produce conclusive evidence as to the type of material that would be encountered when the bores are being made for the two Rapid Transit tunnels that are to go thru the hill at this location. Oris Holman is the Superintendent on this job, assisted by Brother Joe McGregor with Glen Morrison acting as steward and Norman "Blackie" Harmon serving as safety committeeman.

COLISEUM PROJECT

The Piombo Construction Company has not as yet run into the water problem they expected on the Oakland-Alameda County Coliseum and as a result have been able to do most of the work up to this time with scrapers and using only 80D Northwest dragline where they had originally expected to use a minimum of four such machines. There are approximately 25 engineers employed on the Piombo job at this time under the supervision of Brother Bill Kinney with Brother Paul Perkins acting as steward and Brother E. L. Armstrong serving as safety committeeman.

LOWER CONTRA COSTA

Martin Brothers Construction of Concord, has 450,000 cubic yards of dirt to move for 206 lots for new housing for Brad-dock, Logan and Valley, Tara Hills Unit No. 8, Pinole.

They have storm drains, curb gutters, sidewalk and paving of streets to do. Van Allen and Motter have all the sewers on this project. This job is under the supervision of Bill Martin, with

Brother Norman Brown, dirt foreman. On this job we have 4 D-8 dozers, AC HD 21 dozers, 3 tandem C pulls, DW-20, AC3 TS 360, 50 T roller, two blades.

Martin Brothers is finishing the street paving on Unit No. 7, Tara Hills, in Pinole with a paving machine, tow tandem rollers and blade. Mechanic and grease truck servicing both jobs as they are connected to each other.

SOUTHERN ALAMEDA

Work in the area has been fairly good although not up to expectations as of yet. There is quite a number of small jobs going that are keeping many operators busy.

Williams and Burrows was awarded a contract to build the new Chabot College in Hayward. This is a \$3.5 million job. Able Builders were awarded a second contract on the college.

The Taubmen Co. is moving along on schedule on the new Penney's Shopping Center in Hayward. A new section will be started in the near future. The job has been keeping many of the Brothers busy working for a number of sub-contractors. The finished product will be worth over \$21 million. It will be the second largest shopping center in the United States—largest on the West Coast.

Gordon Ball was awarded the contract on the last section of MacArthur Blvd. Freeway near Hayward. This will keep a number of Brothers busy for quite awhile.

2 MILLION YARDS

On June 23rd the Fredrickson & Watson Construction Company will start the second year with the Rossmoor Corporation at Walnut Creek.

During the past year of site development operations the crew has moved just short of two million cubic yards of earth. This has been done under the direction of Brothers John Thorp and Paul Jolly. Jim Williams heads machinery maintenance. Sub contractors for the company are: Mt. Diablo Rock & Aggregates; U. Piera & Son, Prodanovich Inc., Frank Beach Co., Heim Brothers. Bryan & Murphy had four field crews staking the work.

Weather Holds Back Several Big Jobs In The Vallejo Area

By AARON SMITH

The work in the Vallejo Area is very slow in breaking. We have had ideal weather except for a few days of rain which shouldn't have slowed it down as bad as it's been. Darkenwald Construction Co. called a few Brother Engineers out of the hall but still does not have the anticipated 80 which they expect to employ. We are keeping our fingers crossed for a good winter this year to make the difference in the wages most of our people have lost this year.

Parish Bros. has not started going good on the Marina job as of this writing but with all of the subcontractors he should take at least 35 to 40 Engineers for a 2 year period.

Parish Bros. and Frederickson & Watson was low bidder on a job north of Fairfield and just southwest of Vacaville. This will be a 8 lane Freeway with 5 overpasses. The bid was for \$4.68 million which was considerably under the engineers' estimate. This job has not been let as yet.

Stockton Construction Co. was awarded a job for Sanitation and Flood Control at a cost of \$337,200. They have 186 calendar days to complete the job and should employ a few of our Engineers.

Syar & Harms has been awarded several smaller jobs. One of the jobs is for widening a street at the cost of \$154,435. This job will keep a few Engineers busy all summer.

Elmer Wendt has been awarded a \$67,685 job putting

stone protection in the Sacramento River in Solano County. This job will last all summer and will take about 10 Engineers.

Bragato Paving Co. has been awarded a street, curb and gutter job in Napa for \$447,373. At this time the job has not started but is expected to in the near future.

We have several smaller jobs that have been awarded but have not started as of this date.

The Mare Island Housing Contract has been awarded to Alcan Pacific Co. at a bid of \$3,125,000. This is for building 200 military family housing units. This job will take a few Engineers and will last 480 calendar days.

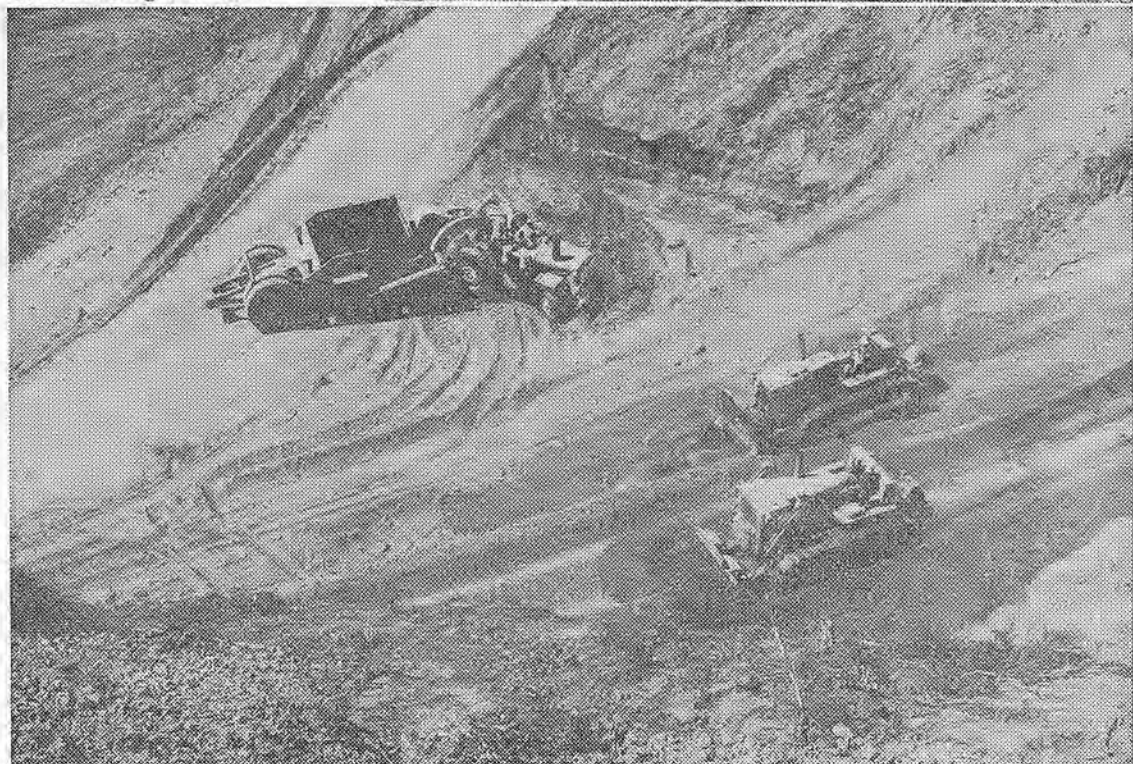
Brother Frank Enright who attended O.J.T. school at Camp Roberts is working for Darkenwald Construction Co. on a Finish Blade which he studied while attending school.

Brother Charles Smith is working for Finn Construction Co. but is running a "B" Pull. He's waiting for the time to switch over on a finish blade which he studied on while at Camp Roberts.

Brother Stanley Schuler is working in Marin County for Peter Kiewit as a Gradesetter. He also received O.J.T. training at Camp Roberts but has not had a chance to use his dozer training.

CANCER HITS CHILDREN

In 1964 cancer will take the lives of nearly 5000 children in the United States, according to the American Cancer Society.



FINISHING TOUCHES . . . Top photo shows D-8 cat at Broadway tunnel approach, while two more 'cats push material clear at bottom of hill for scraper standing nearby. Contractor is Guy F. Atkinson.

Sun Cures Unemployment in Hawaii; \$66 Million Resort

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

HONOLULU — The blaze of sunny weather is the best cure for our out-of-work list. Small and large contractors alike are using our men and currently our list is down to a minimum. The sound and smell of heavy equipment roaring to life is sweet music to the ears of all Brother Engineers and contractors.

Thanks to the warm sunny weather, the work forces of many contractors large and small, have been increased, bringing our out-of-work list down to a minimum. The sound of heavy equipment in operation is sweet music to our ears.

Many of our members, who were employed by Western-Atlantic - Standard - Raymond on Johnston Island, should be returning to Honolulu within a few weeks. We remind all of them to check with our office in regard to their medical, union dues, and for further employment. Please help yourself, so we can help you!

We have been successful in negotiating a three-year contract covering the "shop" employees of E. E. Black, Ltd. This is their first shop agreement, and the employees will now earn livable wages with periodic increases, fringe benefits, and representation.

NEW PROJECTS AND PLANS

Del. E. Webb Inc., of Phoenix, Arizona, will be the prime contractor for a \$7,689,000 military family housing contract for the Island of Oahu. For five hundred units at Kaneohe Marine Air Station and Pearl Harbor.

Hawaiian Dredging and Construction Company, Ltd. started to pile drive, the second phase of the Ala Moana Shopping Center. This will include the J. C. Penny Co., giant Mainland merchandising chain, full line department store; doubling the size of the present Ala Moana Shopping Center complex.

Reed & Martin Inc. began operations on the Kunia underground project. This project includes mostly excavation work and will take approximately three months before being com-

pleted. Although this project is but a short one for our brothers, they will not have to worry about finding another job; they will be transferred to other projects now pending with the U. S. Army Corp of Engineers. Brothers Gilbert Spencer and Enias Spencer were among the first to turn the soil, and Brothers Abraham Kyle and Samuel Timas can now be seen on the job site doing clam-shell work. Keep up the good work!

Reed & Martin's Waipio Heights project will be completed within the month and most of the equipment will be moved over to the Hickam Airforce Base. Reed & Martin Inc. has several large projects pending. It won't be too long when more equipment operators will be called out for work.

AIEA INTERCHANGE

Work will soon begin on the new Aiea Interchange just past Pearl Harbor going out towards Schofield Barracks. Contract for the first phase of this project will be awarded within a week. This Interchange when completed will ease the flow of traffic between Kamehameha Highway and Moanalua Road. The delay for this project has been in obtaining the land for right of way. The Navy owns the land, but now this matter has been cleared and construction can begin. This two phase project is to be completed in fifteen months after work commences on the first phase.

\$66 MILLION RESORT

On the Island of Maui, American Factors' Kaanapali beachfront land will be developed into a \$60 million resort. The developer will be Janss Corporation, sixty-six year old Southern California land development and investment firm. It will contain approximately 2,000 hotel rooms, shopping center, convention center, 18-hole golf course and other types of recreational facilities.

Sincere condolences for the family of Brother Walker Beamer who died on May 30 in a car crash. Brother Beamer worked as a heavy equipment operator for Haas and Haynie Corporation on the Mauna Kea Hotel project on the Big Island.



END OF AN ERA . . . the 65 year old Gibson Hotel provided lively Sunday entertainment for "sidewalk superintendents" as the landmark in Honolulu was razed to make way for a six floor office and retail building for Investors Finance, Inc.



DRY LAND DREDGE . . . Here is a huge 380-ton machine put into operation by Utah Construction at Iron mine in Southern Utah. It is capable of 800 cubic yards per hour. Controls are in air conditioned cab on top. Machine has series of cobbles and magnetic head pulleys which separate ore from waste. It is fed by 8-yard Marion dragline.

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Many Small Jobs Aid Nevada Work Picture

Work Holding Well in Spots

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

RENO — We are still in negotiations with the Wells Cargo Shop in Reno, and also with Andy Drumm for the employees of the Silver State Construction Shop in Fallon.

We are happy to report that a total of 3,763 hours have been collected, involving eighteen members, who were employed by the Eckley Corporation. These monies are for vacation and other fringe benefits, and the members will be receiving checks as soon as they are processed through the Vacation Plan office.

Vinnell Corporation is now going full blast on their projects east of Elko, with the graveling crew, C.T.B. crew, and hot plant working ten hours a day to complete this year. The rains have hampered the work in most of the state, but as it looks now it should smooth out and be hot for a change.

BECHTEL PRE-JOB

On June 3rd we held a pre-job conference with Bechtel Corporation concerning the construction of a gold mine mill located twenty-five miles north of Carlin. This project will take almost a year to complete. At the time of this article, Isbell Construction is completing the excavation for the mill site which involved 100,000 yards of excavation.

ISELL STRIPPING, MINING

Isbell Construction Company was the successful bidder on the tripping and mining operation for the Newmont Exploration Company. Prior to the award, District Representative Jim Jennings and Business Manager Al Clem negotiated with Isbell Company on a stripping and mining contract for Northern Nevada, with the ratification of the contract by the members employed by Isbell. This is by far the best contract in the jurisdiction of Local No. 3, for mine employees. Much effort was put

in the negotiations to secure a contract of this nature.

Brothers now employed at this project are Brother Manny Peralto, foreman; Brothers Bill Glennon and Don Turner on the new D-9-G's; Brothers Theron Riley, Don Larsen, Stanley Francisco, Bob McCarty, and Tom Gallagher on scrapers; Brothers Virgil Adams and Homer Doyle, mechanics; Brother Bud Vining, patrol; Brother Hugh Robinson, greasing. The project is under the supervision of John Amberson, who has been transferred from an Isbell project in Washington.

Burggraf has moved part of their soil cement operation to a project in Montana, and will return to the Valmy job as soon as Industrial and Holmes have more grade ready.

RENO, SPARKS, CARSON CITY

The shopping centers are moving at a normal pace, with a few Engineers manning the hoists and pumpcrete machines. The crane and rigging companies are also doing a lot of tilt-up and steel setting.

Office buildings and parking lots in the Reno area are moving along according to schedule. The Federal Building will be ready for occupancy in the fall. The new Court House addition is now getting the finishing touches.

In Carson City, the Highway Department building and the Printers Building are well up to schedule and will be ready for occupancy late this year or early next year. It is our understanding that the State Government is planning other buildings in the capital, Carson City, to better house the state government.

Robert L. Helms Construction Company is making progress on the Reno 4th Street job, ripping up the street and installing new services for the power company and telephone company and new storm drain systems that are taking some extra time and extra work for Engineers. However, the traffic is a very bad problem with the tourist season in

full swing. If the merchants will be patient for a few more days, all their driveways and businesses will be accessible to the public during the time of re-surfacing.

The Isbell Construction Company is putting down "Type One" gravel on the Vista job.

The Holcomb Company is ready for decking the main structures. This means that the oil can be put down and the other side ripped up. This has been a very good job for about 40 Engineers and the job is going according to schedule.

The Nevada Cement Company is having quite a bit of trouble with machinery. Pits for raw materials are being opened up and should be ready for a shake-down run about August 1st, with full production scheduled for 30 days later.

Paving companies around Reno are going full blast with housing tracts, new motels, service stations, and the street improvement jobs.

Gibbons and Reed, at Lakeview Hill, are moving along at a nice pace with the paving. This will help the flow of traffic through Carson City, which has been getting more congested by the day.

LAKE TAHOE AREA

Lake Tahoe area has a great many small jobs going. Tab Construction and A. Teichert and Son have jobs in Meyers. Tahoe Asphalt and Paving has just finished putting a new plant together and the hot stuff is available. This gives us three plants at the south end of the lake. The excavation is about finished on the Del Webb hotel job and this has been a good one money-wise for approximately 20 members. Brunzell Construction is 90 percent complete on the Wagon Wheel job.

At the north end, Westbrook-M-K has put down the C.T.B. and is going on the concrete at Donner Summit. This job should go until late August. Clements Rock Products has three shifts going

at Truckee. This looks like one of the best years for the plant.

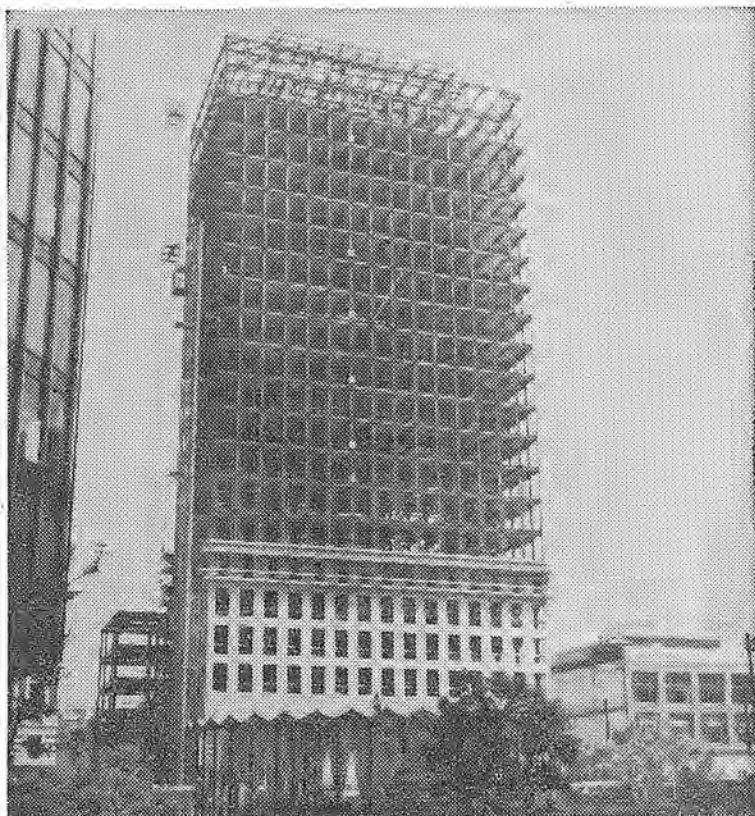
Brothers, we had a real close one at this plant last week. Brother M. J. Malumphy went into a sand hopper to remove a rock. The sand had tunneled out and as he was working inside it caved in on him. By some miracle he ended up with his head and shoulder out the bottom and the rest of his body was buried. Brothers John Paselk and Jack Limburger, assisted by some laborers, jumped into the hopper and dug him out. This is the first time in our memory that a man ever got the right end out in a situation like that. Brother Malumphy went to the hospital for a checkup and was back at work the next day. This was one that never should have happened—let's stay alert and alive.

By DAVE REA

Work in the construction field is holding up very well, and from every indication will continue to hold up for some time to come. Hydro-Electric irrigation and reclamation projects seem to be the mainstay for Local 3 surveyors.

Land survey and sub-divisions are going strong in some areas, however, the employers have not increased their crews to any extent which would be normal for this time of year.

With more and more surveyors coming in from other states and from other areas, it has presented an out of work list above the normal for this time of year. We hope that the work picture will look up in the near future and will help relieve some of the pressure.



NEW BUILDING . . . is going up for Standard Oil Co. of California on lower Market Street, in San Francisco. When complete it will rise 23 floors. Facing is pre-fabbed and hoisted into place.

Unemployment Benefit Shenanigans Exposed Under Civil Court Case

The California Unemployment Insurance Appeals Board ruled today that a claimant acquitted of a criminal charge under the Unemployment Insurance Code may still be subject to administrative penalties for the same action.

The claimant, William E. Bast, of Van Nuys, a TV writer, was held liable for repayment of \$550 in unemployment insurance he claimed during a period when he received payments for TV stories he wrote under assignment.

The decision was approved unanimously by board members Gerald F. Maher, chairman, Lowell Nelson, and Norman J. Gatzert.

Bast claimed benefits for, among others, the weeks of December 10, 1961, through January 27, 1962, and November 18, 1962, through December 8, 1962.

The record showed that during those same weeks he was under assignment to write TV stories for Bing Crosby Productions, Arena Productions, Inc., Four Star Naxon, and Desilu Productions.

In at least one instance, however, the contract for the story was not signed until some time after assignment on the story. It

appeared the same arrangement existed on the other assignments.

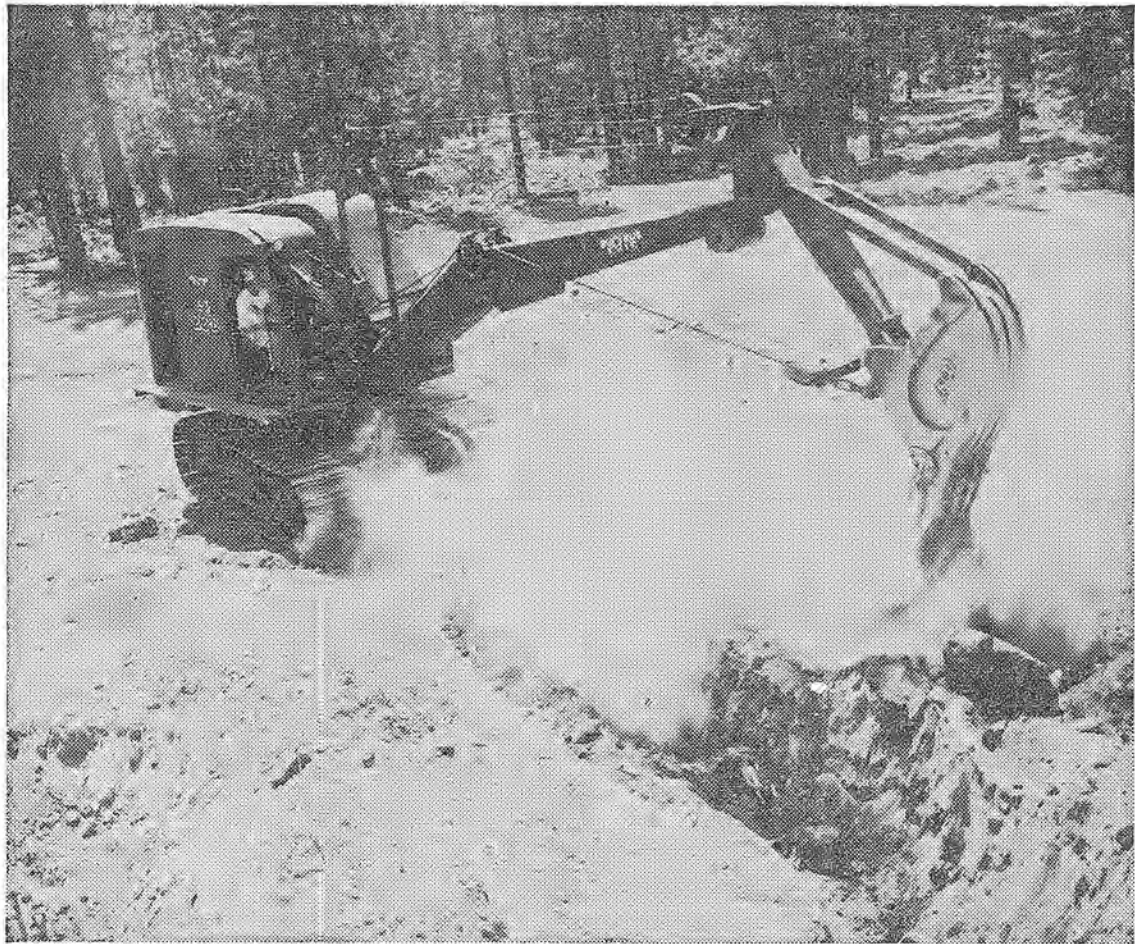
After it discovered Bast had been paid benefits during the weeks in question, the Department of Employment filed a charge against him under a misdemeanor section of the code. Bast was acquitted.

When the department determined that Bast was liable for the overpayment, Bast's attorney contended that the doctrines of "res judicata" and "collateral estoppel" should be invoked, and the case dismissed, because of Bast's acquittal in the criminal case.

The Appeals Board found that conviction or acquittal in a criminal case is not evidence of guilt or innocence in a subsequent civil proceeding.

It found that Bast had been employed during the period he drew unemployment insurance and therefore was liable for the overpayment.

It also found that Bast knew he had been given story assignments, that he failed to report them to the department, and that he was at fault in not reporting material information, even though no contracts were signed until after the story assignments originated.



RAISING DUST . . . Here is Bucyrus-Erie backhoe raising the dust at work on new 18-hole golf course in the Lake Tahoe area. Pipeline will be laid to bring water from lake to irrigate course.

Redding Report

\$7 Million Freeway Under Construction

By WARREN LEMOINE,
C. L. McGETTRICK

Fredrickson-Watson started on 16 miles of freeway between Red Bluff and Corning. Fredrickson-Watson-Lord Bishop and Macco were the low bidders. This project consists of grading, drainage, paving and erection of structures for interstate 5 freeway between Corning road in Corning and Kimball road at Red Bluff. There will be four lanes between Corning Road and the interchange for the future relocation of highway US 99-E at Rawson Avenue and six lanes from there to Kimball road. The project includes 8 overcrossings.

NEW WORK

W. H. Lindeman & Sons, Inc., of Red Bluff, submitted the low offer of \$61,575 for a project to replace the Long Gulch bridge on state route 36 about 18 miles west of Red Bluff. The new bridge will replace an old structure that is in very bad shape. The job is to be completed this year.

The Pit River Bridge on Highway 99 will be widened, beginning in about a month. The low bid of \$956,452 was awarded to C. K. Moseman Construction Company of Fresno. Highway 99 will be widened from 44 to 56 feet between curbs by constructing six-foot additions on both sides of the bridge. The bridge will remain a four lane highway with the addition used for a safety strip to divide the north and southbound lanes. The job is to be finished by the Fall.

Norman I. Fadel, Inc., were low bidders for 5 miles of 4 lane freeway, ramps, frontage roads and streets, grading and paving, also construction of 9 bridges.

TWIN VIEW LAGOONS

Twin View residents will soon have lagoons on 35 acre of land near interstate Highway 5 and a mile east of Highway 99. Construction will cost \$330,000. With each house in the sewer district to be assessed \$310.00. The ponds

will serve approximately 2,000 persons.

Roy Price was awarded a contract for construction of water transmission lines and improvements in the City of Red Bluff in the amount of \$152,346.

McCLOUD DAM, TUNNEL

Peter Kiewit and Son have their diversion tunnel holed through and are laying the siphon tube preparing to line the tunnel before work will start on the diversion dam. Work will start on the main dam in another 3 months. At the present time the six miles of road is well along with 5 dozers, 1 shovel and 3 end dumps working.

Shea, Kaiser, Morrison, Macco portal 6 at 4900 feet have approximately 6300 feet to go. Portal 6 and 7 is to be finished by December 1965. Portal 1 has about 200 feet to go and Portal 4 with about 4000 feet. Pit-McCloud aggregates are finishing the aggregate rock for the Diversion Tunnel (Peter Kiewit Project).

HIWAY 99 NORTH

Fredrickson and Watson are winding up their finish work on their road job at Mt. Shasta, however, we still have a number of Brothers up there working. Many of the Brothers that worked on this road job have moved on to Red Bluff to the \$7 million freeway project.

A. Young and Son will move their hot plant and crusher to McCloud area about the 22nd for the overlay of Hiway 89 for 23 miles. When completed they will move on to Quincy and then to the Adin area.

Gibbons and Reed are double-shifting on their road job at Callahan. This is a nice cool spot to work and fish for a number of the Brothers.

M. W. Brown has the final black top on their Adin job for the Kizer and Ladd job. They will be moving to Cedarville for the crushing and hot mix for the Harms Brothers road job out of Cedarville.

REDDING FREEWAY

Gordon Ball Construction, on

the four-lane freeway on U.S. 99 coming through Redding, is ahead of schedule. We have approximately 45 Brothers on this project, most of them working through the winter months.

SAFETY, CREDIT MEETS

Your Safety and Credit Union Meeting will be held July 16th at 100 Lake Blvd., we hope you will all try to attend. The success of these two programs depend on your attendance—please try to be there.

We are still holding checks for the following: Kenneth Coonce, K. F. Corbit, Cecil Francis, Walter McIntosh, Frank Skala, Darel Garey, Bud Fisher, George Ward.

RETRAINEES

Most of the MDTA trainees went to work shortly after they finished their 6 weeks course at Camp Roberts. However, very few were able to be placed on the equipment they trained on at school. Three Oilers who at-

tended school were interested in reclassifying their cards, two of these took rubber and one trained for mechanic.

The following is a list showing the Brothers that took the course and the Contractors they are working for.

Peter Kiewit & Son: Jim Brown and, Oiler, retrained for Mechanic; Hubert Anderson, Oiler, retrained for Rubber; Lewis Fink, Oiler, retrained on Rubber; Harvey Huey, Mechanic-Welder, retrained on Blade; Ira Moad, compressor, retrained on Dozer; Ray Matheson, Inst. Man, retrained on Rubber.

S.K.M.M.: R. J. McWilliam, Motor, retrained on Dozer; Ed Webb, Motor, retrained on Blade; James Ford, Motor, retrained on Dozer.

Morrison-Kaudsen: Ward Fisher, Compressor, retrained Dozer; Bob Fish, Mechanic, retrained for Mechanic; Cliff Brannon, Dozer-Loader, retrained Tech. Engr.; Alvin Harmon, Head Chain, retrained Tech. Engr.; Russel Madaras, Doz., retrained on Rubber—Working in Fresno; Wallace Wert, Conv. Belt, retrained Mechanic.

Peterson Tractor: Paul Bauer, Rubber, retrained Tech. Engr. Did not complete 6 weeks; Claude Ledford, Blade, retrained on Blade.

Gordon Ball: Bill Gregory, Dozer, retrained as Mechanic.

Unemployed: Wm. H. Crenshaw, Blade, Unemployed; Burnett Bishop, Dozer, retrained on Rubber, Out of our area.

Unemployment Dips to 4-Yr. Low

WASHINGTON, D.C. — Unemployment in May, at 5.1 percent, was at the lowest point in more than 4 years, the U.S. Department of Labor announced. Employment continued to expand at a better than seasonal pace, reaching an all-time high.

Unemployment, at 3.6 million, was about 300,000 below the April level, a greater than seasonal decline. The total unemployment rate had been 5.4 percent in April. The May jobless rates for all adult men and for married men, edging down to 3.6 percent and 2.6 percent respectively, were at their lowest levels since August 1957. Unemployment among adult women dropped sharply in May from 5.4 to 5.0 percent.

At 16 percent, the teenage unemployment rate was close to the April figure and about at the average level for the past year.

The May rise in total employment was about 200,000 above seasonal with over half of the gain taking place in agriculture.



CAPITAL CITY . . . Sacramento is getting a new freeway and here looking south from the railroad overpass men and equipment are hard at it. Crane at left center is excavating for pumping station to handle runoff. Fill is being brought in by rigs in center.

More From the National JAC

Continued from Page 1—

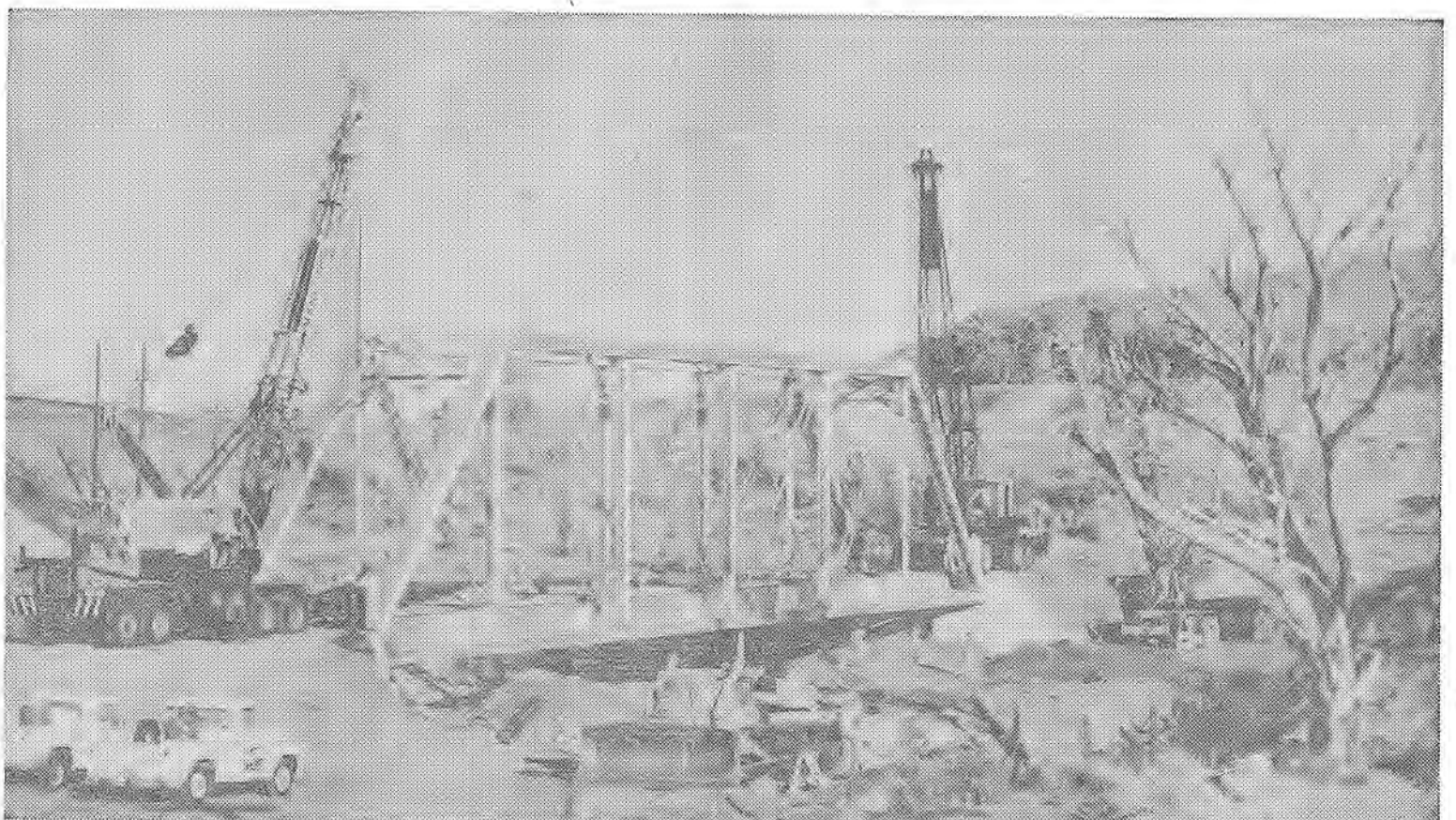
program were called on to pump in new ideas and to explain "the intricacies of Local 3's progressive program."

The most important single thing to come out of the Conference was the positive action taken by the National Joint Committee implementing a national curricula for Operating Engineer Apprenticeship classes. This curricula will be used by all Operating Engineer classes for related training of the apprenticeship program.

We would like to give credit to the Journeymen Engineers who have given many hours of their time in developing classroom instruction and teaching apprenticeship classes in the 11 school providing related training. These were the teachers during the past school year:

SF/Marin, James Drury and Paul Houtzche; San Mateo, Earl Knier; San Jose, Robert Miller; Fresno, Eldon Armstrong; Stockton, Harold Hamrich; Oakland, Bill Holloway and Bert Ferrarini; Santa Rosa, John Brodiansky; Eureka, Dan Allen; Redding, Emory Little; Marysville, Gordon D. Schmaus; Sacramento, Carl Elze and Loren Mullikin.

Average weekly earnings of California factory workers in June, 1963, were \$116.47.



TEAMWORK . . . Operating Engineers with dozers and cranes drag this 140-ton steel bridge to make a way across the Truckee River near Painted Rock. The bridge had stood idle and ranchers in the area needed a crossing for their cattle.

Engineers here are: Pat Waters, operator on Manitowac crane and his oiler Leon Greiner. Earl Wosnum is operator on the Loraine and Wally Waters, oiler. Dozer operators were Cliff Hamlin, Roger Heric, Howard Luzier and Norvin Cox.

Work Slows to Snail's Pace For San Francisco Engineers

By DALE MARR, GEORGE BAKER and ED DU BOS

Work in San Francisco is still slow. We have been looking for it to pick up, but as of this date things are still slow. The number of men on our out-of-work list is the highest we have had for some time.

Perini Corp. is topping off the Twin Towers, they are taking down their second crane and the third crane is scheduled to come down next week. This of course will mean a reduction in man power. The second phase of this project was soon to begin, but it has been postponed. We do not yet know the new date to start this job going.

M & K Corp. has plenty of work going in the area. The new telephone building at 3rd & Howard is moving along well. They were also awarded the Palace of Fine Arts restoration job which will cost approximately \$6,600,000.00. Flora Crane Service has a demolition job for the Bank of California. Aside from this things are slow for them.

Westmoorland's two jobs have been refinanced and will resume operations soon. These are the Laguna-Broadway Towers and the other at Sacramento and Laguna.

Swinerton Walberg has a problem with the high rise building they were going to build due to the new 16 to 1 ratio. Haas & Haynie are moving right along with their Pine and Front Street job. The project at Franklin and Ellis is about topping out, the crane tower is scheduled to come down which will mean more of a

lay-off of our men.

Gordon Ball Company has done the concrete paving for Harney on the Alemany Freeway. They had quite a slip form machine working there. This machine was capable of pouring a strip of concrete 36 feet wide and 2100 feet long. We talked to the crew on the job and they told us they could have done much better if the batch plant would have been able to produce more material.

Peter Kiewit & Sons' job in Colma has moved along real well in the past month. They will be starting the structure work in a short time, the big cut should be going by the time this goes to press.

Hunters Point Naval Shipyard Metal Trades Council has completed negotiations with the Navy for a contract. The meeting for ratification will be Monday, June 29th.

P. C. A. Brisbane quarry have notified us that they are reducing their two shift operation to one shift. This is a sure sign that work here in San Francisco area isn't moving the way we expected. This operation most generally runs two 10 hour shifts all summer.

We have several contracts that have been awarded in the area and we hope that when these jobs get going we will be able to get more men out working. These jobs include three street jobs and one construction job at the San Francisco Hospital, which will cost in the neighborhood of \$2,000,000.

Eureka Gears for Another Multi-Million Dollar Mill

By RAY COOPER and CURLY SPENCE

EUREKA — Simpson Timber Co., of Seattle, Wash., and Crown Zellerbach Corp., of San Francisco, two giants of the business world, combined recently to announce construction plans for a \$45 million pulp mill in Eureka.

The new Crown Simpson Pulp Co. mill will be located on a 150 acre site at Fairhaven on the Samoa Peninsula, across the bay from Eureka.

Site grading and excavation will begin shortly, and the project is expected to be completed by late 1966. Awarding of the contract is pending.

Already under construction near the same location is the Georgia Pacific's \$30 million pulp mill, being built by the Hoffman Construction Co. This job is progressing very rapidly and we have 30 to 35 Engineers manning the cranes, pumps, compressors, hoist, boom trucks and doing survey work.

Steward on this job is Brother Gene Lake, and Safety Committeeman is Lloyd Fields.

Most of the jobs in the area are back on schedule again after losing a day or two because of rain. (The "natives" call it a heavy fog.)

R. C. "Spike" Melohn has started his newly-awarded job of clearing and grading on the Cutten site for a new Junior High School.

Chandler-Newman started a new job above Redwood Creek on Highway 299 on realignment and drainage. There are seven pieces of equipment on the job at the present time.

Alliance Construction Co. (Dave Wilkins) is keeping a few Brothers busy on his new job on Murray Road in McKinleyville.

American Paving Co., of Fresno, was low bidder for resurfacing 30 miles of Highway 101 between Trinidad and the Humboldt-Del Norte County Line. Savage Rock Co., of Fresno, will be moving in a crusher and hot plant to supply the materials for American Paving. At the present time Savage has a crusher going at Fernbridge, making aggregate for the Ferndale to Fernbridge job.

J. Harris, of San Ardo, was low bidder on the Garberville to Alderpoint project but at this writing no award has been made.

Stroco Construction Co., of Santa Rosa, picked up another storm drainage repair job for the County in the Briceland-Thorn area with a low bid of \$148,000.00.

All major freeway jobs are all rolling along in high gear: Wunderlich Co. on the Klamath freeway; Granite Construction Co. on the McKinleyville freeway and the new Blue Lake job; M. K. on the Sylva Dale to Dean Creek freeway; Mercer Fraser on the Miranda to Sylva Dale job.

Klaas Bros. Inc., from Los Angeles, started steam cleaning the Redwood Creek bridge in Orick. They have three other bridges in Humboldt County to clean and paint.

Clifford C. Bong Co. moved in a Manitowac to place the tetrapodes and rock at the North

—Continued on Page 16



DONOR AWARD . . . Brother Engineer James Simmons, right and his family, listen as Vice President Dale Marr, left, reads award citing Simmons for his nearly 3 gallons of blood donated to Engineers Blood Bank in San Mateo County.

Banner 'B-Day Brings Barrels Of Blood from Brother Donors

By BILL RANEY and MIKE KRAYNICK

SAN MATEO—All previous records were shattered during the June 6 "B" for Blood Day at the Peninsula Memorial Blood Bank in Millbrae, with 325 pints donated through the San Mateo Building and Construction Trades Council annual program.

All trades participated. Brothers of Operating Engineers and a few of their wives, contributed 23 pints of blood.

These wonderful people were signed in, stood in line, seated in line, punched, elbowed, questioned, stabbed with numerous little needles, corraled, admonished, interrogated, stretched out, bled, rejuvenated with "Old Crow," fed a sumptuous breakfast, coffee, thanked and honored.

EVERYONE HELPED

The various business representatives, wives, and secretaries all pitched in to keep the program rolling. Business representative, Bill Raney and dispatcher Jim Daniel arrived at 5:30 a.m. in their working clothes. Business representative Mike Kraynick showed up at 6:30 a.m. to give his blood as well as work. Al Boardman, director of education and research for the California conference of operating engineers then appeared to do his bit.

Business manager Al Clem dropped in to offer his physical and moral support. San Mateo office secretary, Molly Fotland started early and stayed late delivering countless plates of sausage and eggs and cups of coffee. Business representative Fran Walker was much in evidence offering his help. District representative and vice president Dale Marr was on hand not only to give blood but to bestow letters of commendation upon the honoree of the day.

THREE GALLONS

A search of the records found that brother James Simmons of Burlingame should be the honoree of this bounteous day. Brother Simmons, it was found had been sneaking to the blood bank for years and had in fact given nearly three gallons of blood in such a quiet manner that we almost missed him. Such

is usually the case with real heroes. Mrs. Simmons, Jim's lovely wife, and his beautiful daughter Sherrie were at Jim's side when he was presented with a nicely framed citation and the many kudos and expressions of gratitude that were so rightly due him. Brother Simmons has been a true union brother since World War II and has done little roaming, spending the last 20 years in San Mateo County and for some years as an assistant to the engineer on various equipment of the L. C. Smith Co. His union, his employer and his community are mighty proud to call him "brother."

HERE'S THE LINEUP

The following also showed their true colors that day by giving their best: Nat Johnson, Redwood City; Robert M. Lehman, Redwood City; Erling Seim, San Bruno; June Seim, San Bruno; Cliff Tratt, Belmont; Martha Adams, San Carlos; Mike Kraynick, San Jose; Jack Adams, San Carlos; Gerald Kunz, San Mateo; Leroy Watkins, Redwood City; Given Zaner, Half Moon Bay; Dean Zaner, Half Moon Bay; Dale Marr, San Mateo; Norris Cummings, Redwood City; Ann Callahan, Daly City; Oscar Walker, Redwood City; Joe Stockton, San Mateo; Robert Callahan, Daly City; James Curtin, Millbrae; Edward Nolan, San Bruno; R. C. McGuire, Belmont; Gerald Stevens, South San Francisco; Fred Olsen, Half Moon Bay; Mrs. James McGee, San Mateo.

A few of these generous people were first timers and promised to return. Most were repeaters, some for dozens of times. A great many others called to say they would give soon but were temporarily incapacitated.

We engineers hit high center in the contest with other crafts. We came in seventh in a field of 14 crafts.

Lowrie Paving Company has just started using a C. T. B. dry batch plant on their property in South San Francisco. It was sold, assembled, and erected by those brother engineers from Barber Greenes' West Coast base only a few blocks away. It is seldom that Barber Greene sells one that close to home.

Heritage Homes, who recently completed 231 homes in the Mills Estate area, is now planning extensive building on Foster City.

McGuire and Hester Company has over one million dollars worth of work in Foster City.

Cortelyou and Cole are doing a parking lot in downtown San Mateo. Strangely they are tearing out a parking lot to build one.

The Woodlake complex on Peninsula Avenue in San Mateo is in full swing from the operating engineers point of view. Many firms with engineers such as William and Burrows, C. J. Woods, Bob Garcia Drilling Company, etc. This project will top 17 million in cost before completion.

Brother Phillip Bortolussi will ramrod the landscaping of the 19th Avenue Freeway during the coming months. He has come full circle with Watkins and Sibbold Company. Phil became an engineer some years back on a Redwood City job and this is the first time back in San Mateo County.

Frank and Beadet Inc. (Willie Frank Co.) will widen some of Highway No. 1 in Pacifica. We will have O. C. Jones in Lindamar, which is in the same area, doing the Crespi Drive In. They will spend about a half million dollars on this. It pays to add wrong — seems they got this one on an error in the bid.

Bay Meadows Race Track is winding up a half million remodeling job of their barn area.

Carl Olsen's two Linden cranes are beginning to dominate the downtown skies of the City of San Mateo.

The San Mateo County planning commission is recommending at least three more freeways

—Continued on Page 16

Come, Take a Trip

Pit River Projects Provide Bigness, Beauty, Recreation

Late snow patches still hide beneath occasional bushes in the mountains bordering the Pit River, south of Mount Shasta. Dogwood's white blossoms are sprayed profusely through the ponderosa, sugar pine and cedar which abound the slopes. Here and there, as you wind over newly-built roads, the subtle magenta of redbud brightens the shadowed background of the woods.

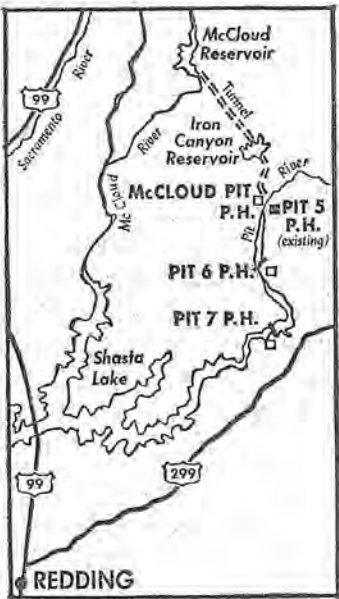
This is the introduction, when construction ends and more roads are opened for public use, as you travel for several score miles to see what makes up the McCloud-Pit Hydroelectric Project, a \$100 million power investment by Pacific Gas and Electric Company. It's the largest single hydro job in the company's century-long history.

Two large storage lakes, two smaller reservoirs and three powerhouses will be the main parts of the project. Four tunnels and a mile-long penstock will be other features in the transfer of water to generate 330,000 more kilowatts for growing Northern and Central California.

Large though the undertaking is, it seems to be lost in the mountains where it is being built. There are 1,200 men on the job now and their number will grow to 1600 later this year. But seldom can you see more than 40 or 50 operating Engineers in one area, and even the bulldozers and rubber tire rigs they operate appear to be mere toys as they inch along precarious mountain slopes.

Another score of men, with specialized equipment, are working hundreds of feet beneath this road you are traveling, boring tunnels and fitting steel ribs in arches as they press deeper along a subterranean route.

Miles away, along the edge of the Pit River, three powerhouses are taking shape, a few miles apart. One, the McCloud-Pit Pow-



erhouse, just upstream from the existing Pit 5 Powerhouse, is nestled at the foot of a high mountain. Down its side a penstock will be installed to bring water under high pressure to spin the powerhouse's two turbine-generators. Pit 6 and Pit 7 powerhouses will stand at the base of dams downstream from McCloud-Pit Powerhouse. During high water periods, Shasta Lake will back up to Pit 7.

While Pit River water will be a major factor in this hydroelectric production, the stream which made this project feasible is the McCloud River, isolated and fed from the lava formation which spreads beneath the earth's surface to the south and east of Mount Shasta.

Two tunnels, connected by a pipe across Hawkins Creek Canyon, will move water from a new reservoir on the McCloud seven miles through two mountains to another new reservoir known as Iron Canyon Reservoir. This latter storage from the air will look like a baseball field's glove. From this reservoir the water will travel through two more tunnels connected by a steel pipe siphon before entering the penstock feeding McCloud-

Pit Powerhouse. The tunnels together are three miles long.

After the water leaves the McCloud-Pit turbines, it will be used again together with Pit River water in the Pit 6 and Pit 7 powerhouses and then flow into Shasta Lake.

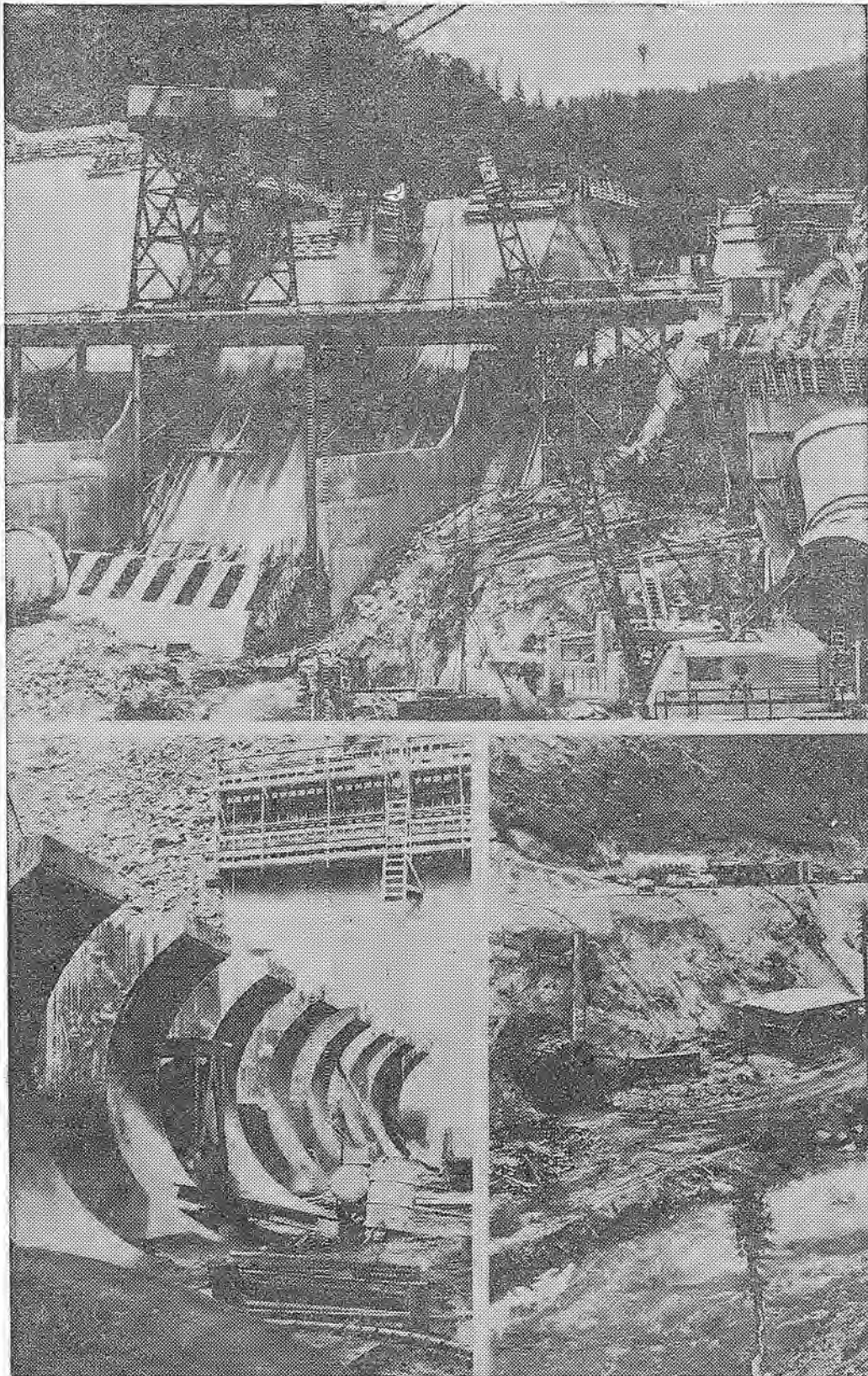
Once the project is completed, roads built by PG&E will provide access to wooded wonderlands which so far have been visited by comparatively few people. Already the U. S. Forest Service is making plans to establish recreation sites.

Thus, where remote land was penetrated to provide more power the public will enjoy the by-product of new recreational areas for a growing California.



CHANGING OF THE SHIFT . . . These Operating Engineers "sail" to work on the Manson General dredge job at the foot of Marin St. in San Francisco. Manson is dredging and improving the harbor to handle pleasure craft and sea-going vessels.

Men and Machines At Work



McCLOUD-PIT PROJECT . . . The P.G.&E.'s \$100 million power project in Shasta County is shown here. Top photo is Pit 6 Dam. Whirly crane on trestle handles concrete and other material. At right is an 18-foot penstock being installed at powerhouse site. Dam will rise 225 feet from bedrock. Left, looking like teeth of a monster, is energy dissipator blocks at base of Pit 7 Dam. It will be used to slow force of spilling water. At lower right is a temporary diversion tunnel, 16 feet in diameter, for McCloud river.

Casting His Ugly Shadow!



- I. B. T. NEWS SERVICE

Heavy Demand in Stockton Area

Continued from Page 5—

mate, so there is some doubt as to the job being awarded.

Continental Heller Construction Co., of Sacramento, submitted a low bid of just under \$2 million for construction of Macy's store in Sherwood Manor Shopping Center. This site is adjacent to the new Montgomery-Ward store being constructed by Charles Pankow, Inc. Co. with A. Teichert & Son doing the site and utility work for both buildings.

A. Teichert & Son was low bidder at \$105,000 to the Division of Highways for resurfacing at various locations throughout the district.

George Reed Co. and M. J. Ruddy, both of Modesto, continue to get small jobs in the Modesto section of this district.

Stanfield & Moody continue to pick up smaller jobs with the latest being for the county on North Avenue in the Manteca area.

These new jobs, plus those that have been reported in past issues of the paper, have provided work for industries allied to construction, like the rock, sand and gravel plants, concrete

pipe plants, equipment repair shops and others affected directly or indirectly.

You will notice by this report that San Joaquin County is the awarding authority on much of the work that is going on in this district. About three years or more ago this county decided to let all construction work out for bid, and each year the contractors and members of this union are profiting by this decision. We feel this is right, as our people and employers are contributing the tax money for this work, and in most cases are able to do the jobs faster and better.

NEW WORK COMING

Jobs that should be let or underway before another report is published will be the U. S. Army Corp of Engineers' bid opening on July 15th for levee work with stone protection on the San Joaquin River from the confluence with the Stanislaus River upstream to the confluence with the Tuolumne River. This job is expected to cost between \$1½ to \$2 million.

San Joaquin County will be calling for bids for widening and realignment of West Lane from

the Calaveras River to the 8 Mile Road. Budget allocation is \$450,000.

Also expected for bids later this year will be more contracts on the California Aqueduct System between an existing contract in Patterson to that section recently completed by Morrison-Knudsen west of Tracy. In this same general area, new contracts will be let to tie on to the first phase of the Westside Freeway in this district under construction by the McNamara Corp. to go both north and south. The McNamara job starts in a fenced field and ends in another fenced field with no existing road connections.

The State Division of Highways is advertising for the paving of approximately seven miles in length on the Blue Lake Road in Alpine County.

The engineer employees of P.C.A., Teichert Aggregate and Claude Wood Co. Rock Plant were in attendance at a pre-negotiations meeting held in Stockton last month to offer suggestions on the forthcoming Rock, Sand and Gravel Agreement as the current one expires July 15, 1964.

Banner B-Day Eureka Mill To Help Local Engineers

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for the county. Most are designed to relieve north county traffic congestion.

The Theo Meyer Company claims to have lost nearly two million dollars on the College of San Mateo campus. Many subcontractors were hurt financially on this job because of hard rock and strict inspection. Nearly everyone lost money except the tax payers who seem to have come out with the mostest. Drive up 19th Avenue some weekend and take a look see — it's beautiful.

San Mateo County has been losing its good members to the Grim Reaper at an alarming rate. In just one week in June, we lost five for various reasons. They will each be missed by their fellow engineers and will always be remembered for their ability as engineers. In most cases they leave visible evidence of their craftsmanship in lasting monuments, such as skyscrapers, leveled mountains, freeways, bridges and in many other ways. To us engineers, a well sloped and terraced highway cut is a beautiful work of art, and makes a fitting memorial to the engineer brother who sculptured it.

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Jetty, and are getting rock from their quarry close to the California-Oregon border on U. S. 101.

Tierra Construction Co., better known as Lew Lincoln from Crescent City, has four or five jobs going around the Crescent City area.

The Hemmingsen family and Raimon Bracley of V & R Construction Co. started a new hot plant called the North Coast Rock and Paving Co. They are doing the paving in the Crescent City area.

Burman & Son has two dozers working below the spillway at Ruth Dam and expect to doze out some slides on the road around the reservoir.

Dave Scott Co. has part of the Citizens Dock at Crescent City. The wharf was in bad condition before the tidal wave. Brother Scottie Jenkins is doing a fine job as Steward on this job.

There will be a special meeting here at the Engineers building at 8:00 p.m. on Friday, July 17. Because of this meeting the regular District Meeting has been changed from July 14, 1964 to August 5, 1964.

SWAP SHOP: free want ads for Operating Engineers

WANTED TO BUY

SPRINGER SPANIEL PUPPY, purebred, male, black & white. Papers nice but not necessary. Clinton L. Green, 12500 Spruce Lane, Reno, Nevada. Phone: FAirview 3-2423. Reg. No. 622848.

SCHNEIDER 35 MM WIDE ANGLE LENS for Kodak Retina II C Camera. Gerald Hammerschmidt, 3604 N. Maple Ave., Fresno 3, Calif. Reg. No. 1072423.

USED HOUSE TRAILER, 16-18 ft., for duck hunters. Good condition, reasonable. Louis Frank Vannucci, 911 Crestview Drive, Millbrae, Calif. Reg. No. 826978.

FOR SALE

AIR COMPRESSOR, DeVilbiss, 3-phase, 5 hp electric, \$250.00. Don Thoms, 5 Sunnyhill Dr., Petaluma, Calif. PO 2-9238. Reg. No. 1154357.

PONTIAC 1956 4dr. hardtop, good rubber, rebuilt engine, \$275.00. Don Thoms, 5 Sunnyhill Dr., Petaluma, Calif. PO 2-9238. Reg. No. 1154357.

CABIN, modern & furnished in the Redwoods. Overlooks Austin Creek, 3 mi. to Monte Rio and Russian River Resorts. 2 lots, \$1,000.00 Dr. \$50.00 month. R. A. Wise, 1200 Alpine Road, Walnut Creek, Calif. Phone: 932-0334. Reg. No. 408155.

CAT TANDEM MOTOR GRADER 212, Model 1U with rippers & leaning wheels. Good condition, \$2,250.00 L. G. Sparks, Post's Ranch, Big Sur, Calif. Phone: Big Sur 5311. Reg. No. 640902.

ACCORDION, 120 base, used 6 mos. perf. cond., orig. cost \$395. Sell at \$250.00. Walter Powers, 906 Donaldson Way, Vallejo, Calif. Phone: 644-1392. Reg. No. 494288.

6 RM. HOUSE & 3 RM. Guest House, South Tahoe, Tahoe Paradise, Meyers, Calif. 500 ft. off Hiway 50. Like new, perf. cond., knotty pine interiors, fireplace, w/w carpet, etc. Must see to appreciate. Joe Muren, 17734 Trenton Dr., Castro Valley, Calif. Phone: 581-7734. Reg. No. 425248.

ELECTRIC DRILL PRESS, 2-8 ft. utility tool boxes, air grease gun, 2½ in. impact wrenches (1 air, 1 electric), 1000 W generator, miscell. power tools. Howard S. Dietrich, 24802 Mulberry St., Hayward, Calif. Phone: 782-6987. Reg. No. 586420.

VERMEER T3 TRENCHER, track mounted, depths to 4½ ft. Less than 400 hrs. Gordon L. Eastwood, 23 Richie Drive, Pleasant Hill, Calif. Reg. No. 272560.

COLUMBIA HOUSETRAILER, 1958, 10'x48', 2 bedrm, front kitchen, washer, \$3,000.00. Mark C. Hooper, 13885 Doolittle Dr., No. 128, San Leandro, Calif. Phone: 483-0152. Reg. No. 977650.

DORSETT CABIN CRUISER, 17 ft., heavy duty trailer, 75 hp Johnson Motor 1960 model, 3 life jackets CG approved, ladder. Boat used 5 times in 3 yrs. See at 626 Meadowlark Ave., Los Banos, Calif. North Mercy Springs Rd. Skylark Estates. Price \$2,000.00. Has speedometer, helmsman's seat, 18 gal. gas tank. Cannon S. Simpson. Reg. No. 1098513.

RAMBLER AMERICAN 1960, 2-dr., stick shift, good cond., excel. gas mileage. Reasonably priced at \$450.00. Howard S. Dietrich, 24802 Mulberry St., Hayward, Calif. Phone: 782-6987. Reg. No. 586420.

AXLE LOW BED TRAILMOBILE EQUIP. TRAILER, 20 ton, Harry Gales, Rt. 2, Box 560, Morgan Hill, Calif. Phone: 225-1581. Reg. No. 841528.

1941 FORD COUPE, radio, heater, with 1953 Ford engine, excel. running cond., \$175.00, or best offer. Ronald Laplace, 687 Bancroft St., Santa Clara, Calif. Phone: 248-1656. Reg. No. 994081.

HY HOME, 380, Year 1962. Hydraulic. Good condition. Buckets 4 ft. 3-2 & 17 in. Ripper tooth. W. D. McMackin, 772 Marin, Hayward, Calif. Phone: 783-9011. Reg. No. 1117492.

5531R SPICER AUXILIARY TRANSMISSION w/cross member & drive line, suitable for 2-ton truck. 150 ft. of 2/0 welding lead 25c a ft. will sell or part. Gerald Hammerschmidt, 3604 N. Maple Ave., Fresno 3, Calif. Reg. No. 1072423.

1963 DODGE POLARA, 2 door, power equip., 27000 warranty. Take over payment \$75.39 plus small amount equity. D. M. Haines, 1933 Bayshore, Redwood City, Calif. Phone: 369-5727. Reg. No. 1087508.

1963 MOBILE HOME, CHALET, ROADCRAFT, 10'x58', 2 bedrm, awning, cooler, garbage disposal, toolshed, partly furnished. Used 4 months. Leaving town. Best offer. Space available. James Arnold, 74 Galloway Dr., Concord, Calif. Phone: 682-5982. Reg. No. 273359.

HOUSE TRAILER, aluminum, sleeps 5, w/w carpet, stove, sink, icebox, closet, generous storage, all foam mattresses, propane, extra compact and neat. New 15" tires w/ spare, 12 & 110 v lights, ready to travel. Willys German-made, \$500.00. Joseph Risch, 1760-28th Ave., Oakland, Calif. 94601. Reg. No. 395381.

DISC 15' UNABEM, hydraulic, Make offer. Good condition. Also '53 Plymouth Station Wagon. Make offer. Fred Biolsi, 11191 Farndon Ave., Los Altos, Calif. Phone: YO 7-2157. Reg. No. 714897.

TRAILER LOW BED, 8'x14', elec. brakes, tandem wheels, tires 8 ply 7.50x15, 5 ton capacity, \$1,000.00. Milton Harrington, 446 Grove St., San Francisco, Calif. Phone: UN 3-1000. Reg. No. 1003106.

16 FT. RUNABOUT w/50 hp Johnson outboard, with extra motor for parts. All for \$600.00. Roy Scarborough, Phone: DE 4-2276. San Francisco, Calif. Reg. No. 285495.

D7 CAT & LS 8-10 yd. Carryall, \$8,000.00. D8 Cat & LP 12-15 yd. carryall, \$16,000.00. Call after 7 P.M. Ron Gilardi, 882 Bodega Ave., Petaluma, Calif. Phone: POrter 3-0824. Reg. No. 1124510.

3 BEDRM. HOME — will discount \$4,000.00 equity. Balance under \$9,600.00 at \$80.00. Would accept clear trailer. Jack Weyler, 66 Silver King Mine Rd., Redding, Calif. Reg. No. 845564.

HOME 2 story, 4 bedrm., 2 baths, w/w carpet, elec. kitchen, fenced & landscaped. Walking distance schools, shopping, golf course, 1 mi. to Bayshore Freeway. \$15,500.00. \$1,200.00 down, \$115 mo. tax & ins. Albert H. Keller, 1919 Rigoletto Dr., San Jose, Calif. Phone: 285-5135. Reg. No. 1003156.

58 OCS OLIVER CRAWLER, hydraulic Anderson Tilt dozer w/angle, hydraulic Murry scraper, Trailer w/elec. brakes, 54 Chevy 1-ton truck, \$3,500.00. Al Treglown, 7273 Kara Drive, Sacramento, Calif. Phone: GA 8-4528. Reg. No. 324972.

HOME nice 3-bedrm. on 5 acres, all fenced, 2 small outside bldgs. & carport. Enough lumber & metal to build small barn. Good pressure system natural gas. Price \$18,500. Cloval A. West, Rt. 1, Box 475, Galt, Calif. Phone: 745-2477. Reg. No. 863836.

HOME 2 bedrm. in Concord. Newly decorated inside out. Leonard Lee, 2258 Acacia Dr., Concord, Calif. Phone: 682-5649. Reg. No. 594275.

CONCRETE TRUCK MIXER, 5½ cu. yd. capacity. Mack Truck & Challenge Mixer. Excel. cond. Good rubber throughout. Rear tires (8) size 11-20. Frone tires 10-20. Has Hyd. chute, 16 ft. long. Full price \$3,500.00. Photo furnished on request. Harry Powning, General Delivery, Auburn, Calif. Reg. No. 732110.

1960 TROJAN 185 Horse Interceptor Marine Motor—24 ft. Head, galley, ship to ship, ship to shore & AM radio, depth finder, compass & sniffer. Excel. shape mechanically. \$3,500.00. Berthed at McAvoy's, Port Chicago, or write or call: Vern Sorensen, 1350 Oakland Rd. 66, San Jose, Calif. Phone: 297-9566. Reg. No. 251990.

CHEV. PANEL TRUCK 1947. Good condition throughout. Includes alternator, transformer, at 250 Watts, 110V, 60 cycles. \$175.00 or best offer. Trailer for camping or hauling, or convertible to boat trailer. Excellent condition. \$175.00. Dick Ganley, 931 Somerset St., San Francisco, Calif. Phone: DE 4-0144. Reg. No. 913177.

ACCORDION, 120 Base, used only 6 months, in perfect condition. Original cost \$395.00. Will sell at \$250.00. Walter Powers, 906 Donaldson Way, Vallejo, Calif. Phone: 644-1392. Reg. No. 494288.

16 ACRES OF EXCELLENT DEER HUNTING! Fully wooded, water, ocean-view cabin sites, Mendocino Coast: an excellent investment at \$3,200.00. A. D. Goularte, 455 Oak St., Mountain View, Calif. Reg. No. 6227459.

1960 FORD, F-600 TRUCK equipped w/200 amp Lincoln Welder, Acetylene equipment. Ready to go. Lee Roy Jenkins, Rte. No. 1, Box 162, Los Banos, Calif. Phone: 826-3405. Reg. No. 1157987.

MOTOR, MARINE BOAT, CADILLAC, special made. Clarence Sand, 211 West 3rd Street, Ripon, Calif. Phone: 599-3643. Reg. No. 494294.

'51 DODGE TRUCK, 1 ton, utility box, \$350.00. Naugahyde set, \$150.00. Twin bed, no headboard, \$15.00. Richard B. Eagen, 16510 Topping Way, Los Gatos, Calif. Phone: 356-5207. Reg. No. 997088.

5 ACRE CORNER joining city limits. 1 block to school. Excel. soil, under irrigation, ideal for subdivision or farming. Gravity water, elec. gas. \$12,500.00 terms. See 1019 W. Walnut, Greenfield, Calif. Floyd Ramey, 777 Railroad Ave., Gustine, Calif. Reg. No. 671531.

LOT IN EL PASO, TEXAS, \$300.00. John H. Ault, General Delivery, Los Banos, Calif. Reg. No. 921380.

ACCORDION, 120 Bass. Italian made, in excel. cond. Gold pearl for man or woman. Case incl. \$150.00 or best offer. Larry Friberg, 11 Sequoia Rd., Fairfax, Calif. Phone: 456-0664. Reg. No. 1157901.

1964 DAVIS TRENCHER T-78 w/trailer. Dig 6" to 18" trench. Used very little, \$500.00 & take up payments. Phone: 826-3236. Richard Manning, P.O. Box 12, Los Banos, Calif. Reg. No. 863900.

SAILBOAT 17 ft. Jr. Starr, fiberglass w/dacron sails & perm. keel. 4 wheel trailer incl. Needs work. \$400.00 or best offer. Larry Friberg, 11 Sequoia Rd., Fairfax, Calif. Phone: 456-0664. Reg. No. 1157901.

GE WASHER '63 model, 12 s. 2 speed, 2 cycle, temp. control, filter-flo; used for only 7 mos. \$130.00. Arthur L. Otero, 1460 Webster St., Apt. 2, San Francisco 15, Calif. Phone: WE 1-4408. Reg. No. 1108154.

LOT, large, nr. beautiful Donner Lake. Excel. location, 400 ft. from lake. Water, elec., phone & 4500 plus gal. septic tank. Permit to build 4-plex & home if desired. Must sacrifice for \$4,995.00 cash due to emergency. Nicholas F. Sardo, 115 Greenfield Ave., Vallejo, Calif. Phone: MI 2-2362. Reg. No. 1036021.

80 D NORTHWEST SHOVEL ATT., complete 3 rd drum to tip, ¾ yd. Page dragline bucket, 2½ yd. Page dragline bucket, 2 yd. Owens clam bucket, 2 105 Compressors, 1 drum material hoist, 2 drum material hoist. Can be seen at Tucker Equipment, 1120 Carroll Ave., San Francisco, Calif. Phone: VA 4-0535. E. F. Butler, Reg. No. 267476.

TRAILER PARK, 42 spaces. Room for expansion if wanted, \$15,000.00 down. Also 1963 Econoline Ford Pickup for sale, \$1,300.00. Ralph Calolario, Lazy Wheels Trailer Park, 1941 Whitmore Ave., Ceres, Calif. Phone: KE 7-1070. Reg. No. 114853.

35-TON LORAIN TRUCK CRANE, 4 axle, 3 axle drive, hydraulic outriggers, 89 ft. boom, dolly, clam. 90% new condition, \$38,000.00, or best offer. M. S. Holderman, 12717 Folsom Blvd., Rancho Cordova, Calif. Phone: 351-0310. Reg. No. 271558.

GARAGE, UNION STA., 3 bedrm., living quarters fully stocked and equipped. \$12,000.00 full price. \$4,900.00 cash down. Some trade. Frank Carpenter, P.O. Box No. 3, Lookout, Calif. Phone: 294-2248. Reg. No. 657770.

DEEP WELL JET PUMP ½ hp. \$75. 2 Pressure tanks, 250 gal. \$75.00 a piece. Harvey Edwards, 424 N. Shasta, Stockton, Calif. Reg. No. 515901.

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