College Scholarship Awards 1965-66

**General Rules and Instructions for Applicants**

Two college scholarship awards of $500.00 each will be awarded to a son or daughter of members of Operating Engineers Local Union No. 3 for study at any accredited college or university. The Local 3 scholarships will impose no restrictions of any kind on the course of study. Winners may accept any other grants or awards which do not reduce their scholarship aid from other sources.

**WHO MAY APPLY**

Sons and daughters of members of Local 3 may apply for the scholarships. The parent of the applicant must have been a member of Local 3 for at least one year immediately preceding the date of the application.

The applicants must be senior high school students who have or will be graduated at the end of the Fall Semester, 1964, or Spring Semester, 1965, in public, private or parochial schools who are planning to attend a college or university anywhere in the United States during the 1965-1966 academic year and who are able to meet the academic requirements for entrance into the university or college of their choice. Students selected for scholarships must have achieved not less than a B average in their high school work.

Applications will be accepted between December 1, 1964, and March 1, 1965, for appointment to begin with the following fall semester.

**AWARDING SCHOLARSHIPS**

On receiving the application, Local 3 will verify the membership of the parent. The application will then be submitted for judging to the University Scholarship Selection Committee, an independent board, outside group composed entirely of professional educators.

Apart from verifying the eligibility of the applicant, Local 3 is asked to rate the student on personal qualities and academic qualifications for judging purposes. All applications or any other assistance which may be given should be sent directly to the University Scholarship Selection Committee. No applications or other letters should be sent to Local 3.

Selections will be announced before the end of the current school year, and a check for $500.00 will be deposited in the college or university bank account of the student prior to the Fall semester beginning September, 1965.

**INSTRUCTIONS**

All of the following items must be received by the Recording-Corresponding Secretary, Operating Engineers Local Union No. 3, 974 Valencia Street, San Francisco 3, California, before March 1, 1965.

1. The Application—to be filled out and returned by the applicant.
2. Report on Applicant and Transcript—to be filled out by the high school principal and returned directly to Local 3 by the officer completing it in the postage-paid envelope which is supplied with the form.
3. Letters of Recommendation—Every applicant should submit one to three letters of recommendation giving information about his character and ability. These may be from teachers, community leaders, family friends or others who know the applicant. These may be submitted with the application, or sent directly by the writers to Local 3.
4. Photograph—a recent photograph, 2 inches by 3 inches, with the applicants name written on the back, attached to the application. (Photo should be clear enough for reproduction.)

Scholarship Entry Blanks Are Now Available

This is the month to start filling out applications for the Operating Engineers $500 College Scholarship award, which will be presented in May to a son and daughter of an Engineer of Local 3.

The first award, made during May of 1964, was won by Carol Jean Henry and Patricia Bath-bone, daughters of Brothers Clarence Henry and Stanley Bath-bone.

After 1960 applications were received from every area of the jurisdiction of Local 3. The applications were reviewed by the University of California Undergraduate Scholarship committee and winners were announced by Business Manager Al Clem. Entire rules are in this issue of Engineers News. Applications may be received upon written request to W. V. Minahan, recording-corresponding secretary, at the San Francisco office. Scholarship money will be deposited in the college or university of the winner's choice prior to the Fall semester beginning September, 1965.

Check Dues Card; Avoid Suspension

Members who are suspended for non-payment of dues are entitled to reinstatement if they pay back dues, as is the usual practice. This is in accordance with the By-laws approved by the general membership.

New Membership Billing Sent To 6500 Members This Month

The first automated membership billing is being mailed this month to over 6500 members throughout the jurisdiction of Local 3. New-style ledger identification badges will be included in the mailing along with a receipt and deal.

However, to insure proper credit, the automatic data processing machine must have the correct information from the members. It is, therefore, important to include any changes of address, changes in beneficiaries, etc., to receive membership credit for the next billing, the Engineers News, Health and Welfare and Pension Trust Fund, and credits with the International for the magazine and burial fund.

It is also important to return your remittance the left hand portion of the card. The deal should be punched out and inserted in the new badge and identification card is for your wallet.

Among the first bills to be printed was to John R. White, of Redwood City.

Business Manager Al Clem was told that through the machine other programs may be handled. He said it can perform accurate programs for payroll, the Credit Union, and other operations. The machine is capable of 95 programs and is capable of handling any kind of work. The data processing running program is controlled by the local office. The data processing generates data of the machine and the billing is printed at the rate of over 800 per hour.

Happy Holidays... To all Members, their families and loved ones... from the Officers, Executive Board and Staff of Operating Engineers, Local 3... Most Sincerely, Christmas and Happy New Year.

Our wish is that you receive all that is good in this world—sound health, financial security, lasting friendships and the warmth of family Love. Above all, during troubled times, may you find a share of peace in the world through Christianity for you and your loved ones in the year ahead.

W. V. MINAHAN
Rec. Corresponding Secy.
A. J. (Back) HOPE
Financial Secretary
DON KINCHLOE
Treasurer
ERNST NELSON
Conductor
JOSEPH MILLER
Guard
W. G. RANBY
Auditor
WALTER TALBOT
Recording-Corresponding Secy.

V. STAPLETON ERNEST NELSON
As this is the last edition of the paper in the year, 1964, we think it might be appropriate at this time to review some of the gains, accomplishments and highlights made by your Local Union over the past year. We received National recognition in our efforts for the training of young engineers. Our Apprenticeship Program was awarded the Patterson Award, the highest award that can be received by any Local Union or any Joint Apprenticeship Committee in the United States. It is indeed gratifying to note that we have in excess of 400 indentured apprentices at this time. This is the result of many hours of labor put forth by your Joint Apprenticeship Committee composed of the employers whom we work with and are interested in training future engineers for your Local Union as well as for your Business Representatives in the various districts.

APPRENTICESHIP EXPANSION

We recently met with contractors in the State of Nevada, whereby we have started the machinery in motion to set up an Apprenticeship Program in this section of our jurisdiction. We know that there are many fine, young people in the State of Nevada who are interested in joining the ranks of Local 3, and I am confident that by working closely with this group of members, we will be equally successful in achieving the goals in apprenticeship training in Nevada as we have in California.

Another of the highlights of the accomplishments of your Local Union during the past year was the establishment of a Credit Union. Many of those who are participating in this activity know that it has been an extremely successful venture. We have over 2500 members.

CONVENTION HELD HERE

In April of 1964 our International held its convention in the city of San Francisco, at which time the Constitution was revised and brought up to date, this necessitated re-writing our Local Union By-Laws, and submitting it to the membership for its ratification. It is indeed with a great deal of pride that we are able to report that the work of the committee, which drafted the proposed changes in our By-Laws, was concurred in by an overwhelming majority of the membership.

It was also extremely gratifying to the officers, Executive Board Members, and me that the proposal dealing with the re-adjustment of the dues schedule of our Local Union had the overwhelming support of this membership. This indicates to me that the members of Local 3 are sincerely interested in their union, and are desirous of seeing it grow ahead and growing stronger as time goes on.

ADDITIONAL WELFARE BENEFITS

In May of 1964, the Health & Welfare Program of California was changed to provide additional benefits to the members and their families, as well as at the time fees being increased to afford better coverage for the members of our Union who may be out of work for a period of time. The pension contributions were also increased. These changes were brought about by a rather unique chain of events whereby the Negotiating Committee working with the employers modified our Master Agreement in the middle of the contract, changing certain portions which we believe were beneficial to all concerned, and whereby the employers agreed to make additional contributions to the Health & Welfare and Pension Plans.

We hit another milestone of membership service with the awarding of two $500 college scholarships to daughters of Engineers. The Executive Board renewed the scholarships again this year, details of which are found on the front page.

MODERN MEMBERSHIP RECORDS

Another first, not only for Local 3, but we believe for any Union in the country, was the installation of the modern electronic computer system for the processing of the dues and other related jobs which have a direct bearing on the operation of your Union. This system is the most modern which the International Business Machine Corporation has on the market, and we hope that by utilizing it to the fullest advantage, we will be able to furnish further information to the District Offices, thereby rendering additional service to the membership as a whole.

It is with a great deal of pride that we report to you that one of our officers, Brother Dale Marr, was appointed to the Executive Board of the Construction Section of the National Safety Council. This is indeed the result of the recognition our Safety Program has received throughout the United States and Canada. This could not have been accomplished if we did not have the whole-hearted support of the membership of Local 3, and our International Office, particularly General President Hunter P. Wharten.

We find that since we have assigned a representative as Continued on Page 3
Editorial

Remember the Day?

Oil still seeps from the sunken battleship Arizona 23 years after the Japanese attack at Pearl Harbor, but the atmosphere is serene compared to December 7, 1941, when all hell broke loose shortly before 8 a.m.

Over 2000 Americans lost their lives; over 1700 were injured and our Navy was broken with eight capital ships sunk during the 110-minute raid.

Today, with the flag still flying over the sunken Arizona indicating she is still a commissioned ship of our Navy, veterans gather at the Arizona Memorial and stream flowers on the water in tribute to the 1102 killed and entombed below.

Now Navy ships glide into the harbor with "all hands" lined up at the rail in silent tribute to the men who lost their lives. Eight years ago, Ford Island in the foreground with the mountains of Koolua forming the background.

When it all started 23 years ago, you thought you would never forget. Today, hardly anyone remembers.

(See page 16—Let Us Begin)

MORE -- Manager's Memo

Commenced from Page 2—

a union meeting between this office and the Health and Welfare Office that we have been commended by many of our members for the fine work that Brother Fran Walker is doing. This is a job that takes a great deal of time and patience, and in addition to this assignment, Brother Walker is also processing industrial injuries.

We know that since we have been conducting Safety and Credit Union Meetings throughout the territorial jurisdiction of our Union, that the members and their wives have shown great interest in these meetings, and we, in turn, have received many fine suggestions and ideas which we hope we can use to better our Union as time goes on.

PLANNED STEWARD MEETINGS

In the order of our schedule, we anticipate a series of Steward Meetings in each of the districts to familiarize the stewards with the intent of our contracts, and they in turn shall pass on information to the officers and the Negotiating Committee. By these means we are hopeful of improving and strengthening our Collective Bargaining Agreements.

In addition to the above accomplishments, our negotiations with the various employer groups have proceeded in an orderly fashion. We were able to secure substantial gains in all the contracts which were opened this year. The main ones are: The Rock & Sand, Gravel Industry, The Mining Industry, The Scrap Industry and the Various Equipment Shops.

Our organizing campaigns were in most part successful. This is reflected by the substantial increase in membership during the past year. All these gains, it goes without saying, could not have been achieved without the full cooperation of all our members working with the Business Representatives and the Officers of our Union as a team.

FIRST RETRAINING PROGRAM

On of the most noteworthy achievements during 1964 was the retraining program for 300 of our Brothers at Camp Roberts that is an integral part of the Maneuver Development Training program of the U.S. Labor Department.

It was the first such program in our industry. In the entire West Coast, the program was aimed at helping 18,000 veterans to gain new skills to become employable in 18 months. A total of 1800 were reached.

In addition to the monthly program, we have a MENTORS program that is being conducted by the various Union locals in a total of 104. There were 1525 members dispatched to the various jobs during the month.

SEASONS BEST WISHES

In conclusion I would like to take this opportunity on behalf of all Officers and Members of your Executive Board and the Office Staff to wish you all, a Merry Christmas and a Prosperous New Year, with happiness and good health for everyone of our members and their families in the coming year.

December, 1964

Published each month by Local Union No. 3 of the International Union of Operating Engineers (Northern California, Northern Nevada, Utah and Hawaii). — Subscription price $2.50 per year. Office: 414 Valencia St., San Francisco 3, Calif.

AL CLEARY __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ __ ____
Fresno Area Reports

Rock, Sand Pact Complete

BY JOE MILLER, GLENN MULLOWNEY

FRESNO—Rain has slowed work in Fresno and jobs here have been moved back to first winter rains of November. The amount of work is now at a lower level than normal and it was a "first bowl" everywhere.

The number of towns growing rapidly during the last few weeks, and the deficiencies have been at a minimum.

As the ground dries up, the work is picking up a little as projects begin to recall their men. We expect the work to be slow for a while but to expect a good year end due to the work in hand.

ROCK PLANTS

The Rock plants in the area have not been doing too well this past winter and have been having a season low and have been down over short periods of time and have reduced their work forces in a temporary basis.

Negotiations are complete with all local Rock, Sand & Gravel Producers. According to managers the new agreement is now signed and the present one is about to be ended. The new agreements are being held as schedules permit to finish those plants under construction, which have recently been completed.

Elmer C. Wende Inc. of Rio Visso is the first to sign the Rock & Sand Pact. They have taken the far west Tunnel intake channel. They have a little water problem, but it is not serious enough to shut them down. E. G. Wendt is a sub-contractor of Dravo Corp. to do the grading on the Pacheco Tunnel around the first of the year. The project of tunnel they have is approximately 2,500 feet at an average cost of $1,250 million, which should take approximately two years to complete to place to complete. They will use 30 Operators who will work a three-shift schedule.

Work on the Dam & Channel of Morris Knudsen, U.T.H. Brown and Boyd's Contraa Knudsen and U.T.H. and Guy F. Atkinson Company is pretty well back to normal after the rain they had in the past two weeks. There also has been a small layoff of heavy duty equipment and other personnel. It looks like they will continue to be a few of them back to work.

Work on the structures, at the time pumping station, the main power plant and detention dam tunnel, has been stopped except for a few days after the rain. All of this work is now in full stream. Pittsford has a main power plant on the San Leucio Canal, which should start with their equipment coming in about the first of the new year.

Hess & Durbach finished the Tulare Field 193 at Lemoine and Colgrove Company are starting the black-labor job at the actual doing. Pittsford has a main power plant on the San Leucio Dam. They are now working on getting ready for another job like they had years ago.

Los Angeles City lost contracts with Olinda Asbestos Company and Atlas Minerals Corpo-ration. These companies are making milling and asbestos and at the present time are using about forty Operating Engineers. Because of the superior quality of the materials we expect a rapid growth in this industry.

COLUMBIA RASING

Peter Kieswitt and Sons Company will use Cooling as a base of operations for 35 miles of the San Luis Canal, which should start with their equipment coming in about the first of the new year. Hess & Durbach finished the Tulare Field 193 a Lemoine and Colgrove Company are starting the black-labor job at the actual doing. Pittsford has a main power plant on the San Leucio Dam. They are now working on getting ready for another job like they had years ago.

Los Angeles City lost contracts with Olinda Asbestos Company and Atlas Minerals Corpo-ration. These companies are making milling and asbestos and at the present time are using about forty Operating Engineers. Because of the superior quality of the materials we expect a rapid growth in this industry.

COLUMBIA RASING

Peter Kieswitt and Sons Company will use Cooling as a base of operations for 35 miles of the San Luis Canal, which should start with their equipment coming in about the first of the new year. Hess & Durbach finished the Tulare Field 193 a Lemoine and Colgrove Company are starting the black-labor job at the actual doing. Pittsford has a main power plant on the San Leucio Dam. They are now working on getting ready for another job like they had years ago.

Los Angeles City lost contracts with Olinda Asbestos Company and Atlas Minerals Corpo-ration. These companies are making milling and asbestos and at the present time are using about forty Operating Engineers. Because of the superior quality of the materials we expect a rapid growth in this industry.

COLUMBIA RASING

Peter Kieswitt and Sons Company will use Cooling as a base of operations for 35 miles of the San Luis Canal, which should start with their equipment coming in about the first of the new year. Hess & Durbach finished the Tulare Field 193 a Lemoine and Colgrove Company are starting the black-labor job at the actual doing. Pittsford has a main power plant on the San Leucio Dam. They are now working on getting ready for another job like they had years ago.

Los Angeles City lost contracts with Olinda Asbestos Company and Atlas Minerals Corpo-ration. These companies are making milling and asbestos and at the present time are using about forty Operating Engineers. Because of the superior quality of the materials we expect a rapid growth in this industry.
Stockton Report

Heavy Snows Maroon Six Engineers In Sierras Near Silver Lake Area

BY WALTER M. TALBOT, AL McMURRAY, GLENN DOBYNS AND JIM HULESTON

STOCKTON — Heavy snow showers have stranded six engineers in the Sierra Nevada area near Silver Lake on Highway 20 for five days during the Christmas vacation, according to Engineering News Report. The men are believed to be safe and in good health, however, and the out-of-work list will be growing by leaps and bounds in the near future.

Work started this past week on Casitas Canal at Early Intake by Peter Kiefl Company. A Lenden crane will be used in the main channel and will be set on its cradle. The cradle is being moved to a point on the bank of the river, will be placed on the cradle and then removed to the starting point. The project will require about 800 working days to complete.

O. M. Mittry & Son and A. L. Craft have started their High

way 124 job at Sonora. They have been working on this for about a month and have started to move some of the dirt. They have a new bridge to build across Dry Creek, which will take quite a long time as the bridge span is very long. All work has stopped on the Jackson Creek bridge except the pouring of the concrete for the foundation, and work will continue in the spring after the winter run off has slowed down.

MacDonald, Young & Nelson started work on the new Weinel-
dock-Lobin department store in north Stockton. The expected du-
ration of this job is 13 months.

Gibbons & Red Company was low bidder at $91,025 on grad-
ing Highway 108 at Twin Harte Bridge. It is necessary for the work to be completed before the river stage rises to its normal level in late Spring.

C. M. Black, of Davis, was low bidder on rebuilding the sewage treatment plant at Jack-
sonville. The work was started on this job by the National Engineers on December 18th, and the work will be continued until late Spring.

Guard Rail... Local 3 officers recently donated guard rail to Eye of Pacific guide dog school for blind in Hawaii. From the left are Al Clark, Will Cox, Business Representative Harold Lewis and Buck Hope.

Disability Pay Increase to $80
Effective Jan. 1

California engineers who cannot work because of sickness or injury not employed in the construction field will now receive a maximum of $5 a week in disability insurance benefits during 1964. The State Board of Equalization has increased the disability pay benefits from $4 a week to $8 a week.

The increase comes at a time when average weekly wages in employment covered by the California Unem-
ployment Insurance Code. The code contains an escalator clause which increases disability pay benefits every dollar step in the disability in-
surance benefit amount table for each dollar by which the average weekly wage ex-
cesses $77.

Under this formula, steps of $75, $79, $80 will be added to the disability benefit amount table for 1965. This will mean during 1965 benefits will range from $25 to $80 a week (compared with the present range of $25 to $77 a week).

Persons who earn from $75 to $80 a week, will now receive $25 a week; those who earn between $75 and $90 a week, will receive $27 a week; and those who earn between $75 and $100 a week, will receive $29 a week.

The increased benefits are ap-
pllicable to a disability that be-
gins on or after January 1, 1965.

Pipeline Contract Award Let
On Cow Creek Aqueduct Project

BY TOM ECK AND JERRY MARTIN

BEDDING—Valley Engineers, Inc., of Tracy, Calif., has been award-

ed a $26,500 contract by the U.S. Bureau of Reclamation for construction of 2.6 miles of 48-inch pipe, 1.2 miles of 48-inch pipe and 3.2 miles of 36-
inch pipe for discharge line and main aqueduct of Cow Creek. Construction will consist of distribution laterals. This is the fourth section of the Delta-Mendota Aqueduct project on the Cow Creek Unit. It will be known as Cow Creek Unit.

The company's bid was $195,000 below the engineer's estimate.

Purser and Dalton Co., of Reno, was awarded the Washoe Pump Plant construction contract for $94,050. This is part of the Cow Creek Unit, and other projects on this portion of the division will be awarded shortly.

RAINS HIT FREEWAYS

Generally speaking, the rains have hit the heavy traffic, how-

ever, other projects are progressing. Freeway jobs hit are: Gordon Hall Interchange, Interstate 5 in Redding; Ferry Brothers, who have several jobs in the San Fernando Pass; Nelson Fawcett at Anderson and the Frederickson-Geyserville-Sonoma County Freeway. The wide-bay Corning. On an encouraging note, there is a hope that the rain will bring resume work in between storms.

On January 7, bids will be taken at 10 a.m. at the California Clear water Project of the Trinity Project. This project includes 3.3 miles of 48-
inch to 12-inch sized concrete pipe. A total of $800,000 has been al-
located by the Bureau of Public Roads for improvement of high-
way 20, from Trinity county line to Pit River Bridge.

BIDS ON INTERSTATE

On January 30, bids will be opened in Sacramento for 9.2 miles of interstate 5, from Glenn County line to Corning Road, south of Redding. Some 30 contracts will be awarded at approximately $4.6 million a job.

In addition, the following ceremonies will be held Dec. 15 for a $1.5 million shopping center at Ath-
erton, Alvarado, Calhoun, M. Shasta, Tule Lake, Lookout Road, off highway 120, are all at Winter's mercy. Everything is now on a "weather permitting" schedule.

Keeping open the roads for the tunnel crews is a large chore for the various jobs. These crews include those of Bismarck's. Taft's peckish job is "mailing along" on a real tough one; there is a big drop from Portal to the North California power house.

Douglas is starting on the power house of Pit 6 and 7, which helps keep a few Brother Engineers furnished.

On behalf of your office staff and business representatives, we wish all our Brother Engineers and families a Merry Christmas and best of holiday seasons.
STOCKTON

Brother Walt Talbot underwent a gall bladder operation at a Denver hospital recently, and is recuperating nicely at home and will be back in the working order soon.

UTAH

Our sincere sympathy to the family of Ed "Effie" Fillmore who was killed in an automobile accident.

Good luck to Brother Joseph H. Totton who recently had surgery performed on his eye.

A speedy recovery to Brother Evin Maynard who has had surgery undergone at the Salt Lake hospital.

SANTA ROSA

Our blood bank is once again running low, so we would appreciate any of the members giving blood.

Congratulations are in order to Brothers Erc Gillmeister and Ray Mason, both proud fathers of baby boys, and to Frank Silva a proud father of a baby girl.

MARYSVILLE

Brother George Boleto is going to enter the Woodland Clinic for some more tests in regards to his recent heart attack. In talking to George this week I wished him the very best of luck from all of us.

Brother Leo Burke is home recuperating from his recent illness. We hope it won't be too long before we hear from him again.

Brother Bud Lockhart stopped by the office and said he was going back into business for another serious back operation. This makes the third time they have operated on his back this year. We all hope this time it will be a successful one.

Best wishes for a speedy recovery to Brother John Johnson, San Francisco, who was discharged from the San Francisco Hospital on November 10.

Brother James C. Flury and his wife have been confined to the Medical Arts Hospital for a week and some time. We hope both of them will be released soon.

SAN RAFAEL

Congratulations and a warm welcome to Brothers Ollis (Oz) Wilson and his missus on their 25th wedding anniversary. They celebrated the occasion by flying to New York.

We, the B E E ' S , wish to see Brother LeRoy Huddleston up and around again after a siege in the hospital—but doctor's orders are that he is not ready to return to work yet.

Brother D. H. Hogg, who recently returned from a job in Alaska for M & K is going to South America for the same cut-off.

Best wishes to Brother Pete Thompson, undergoing minor surgery, and will be out of commission for a short time.

Also best wishes for a speedy recovery to Brother Frank Rocha who is at Petaluma General Hospital, and to Brother Jim Harmon at Marin General with 2 broken vertebrae resulting from an automobile accident.

OAKLAND

Brother Sid Voss, employed at Howard Terminal, was injured in an automobile accident and will be laid up for about six weeks. We want to wish him a speedy recovery.

Our heartfelt sympathy goes to the family of Brother Chris Higuera, killed while working at Turner Dam.

Hugh Dockerty celebrated his 75th birthday on November 2 6th. We extend our best wishes to him for many more years of happiness to come.

SOMETHING TO THINK ABOUT

Best wishes to Brother J. C. Doyal, secretary, reports the following meetings: Al Perry, San Jose and Merle Ishbel, Stockton.

New loan officers appointed are: Mont Parker, Reno and Kiko McPhersons, Stockton.

That this would possibly hurt their employment, has had the opposite effect. Attrition alone this year helped stabilize the Brotherhood's finances better, but has blurred the icle of nearly half employment. We benefit to back will be even more noticeable in future years.

Another spectacular feat for Engineers has been the great increase in the membership of its Health and Welfare Plans. Basic benefits were increased 25% in the surgical schedule, but double in many cases, but even better the allowable balance was increased from $100 to $200 — enough to carry you through the year if you have about 200 months of insolvency.

Your San Mateo Office, as well as others, cleared more men than ever before and your agents saw more. This shows well whether checked by the brothers. On some jobs we saw many weekly checks came in above $100; one was $200.

During 1964, our officers, with the help of the membership and of all our employers, have been operating a Credit Union that has already saved the members over $35,000 in interest on their savings, as well as starting many more from scratch. This is gratifying to your agents to see so many families finally starting a financial savings program. At the same time getting out of the clutches of revolving charge companies. We believe our "friend loan companies" that so many of our prospective members are served by the credit union have even more interest in the union.

During this period, all of us benefited by being host to the International Congress of Engineers, during which very few other companies have helped humanity specifically and in general; or even the few that have, the differences are so great that happiness people produce more goods, make more profit for the company and are even able to buy the products they built. All of this is possible by a new and bigger demand for engineers that helps keep the out-of-work list down.

The work picture is still good despite with ground with many industries going at full speed. They are still holding and very few are complaining. Our surveys show a consensus that 1965 will be a great year for the construction industry here and everywhere.

We wish the very best to all our members and their families. We hope that you will remember the STOCKTON, BEE'S and the Stockton Chapter of Local 1 at the National Congress in Miami in January. If you have no intention of attending, please direct your business representative there.

SANTA ROSA, MARYSVILLE, SAN RAFAEL, OAKLAND, FRESNO, REDDING, and SONOMA also have representatives at the convention.

We wish you a very happy and healthy New Year.

Congratulations to the following Brothers and their wives on becoming new partners: Earl Cofer and Calvin Robin- son, daughters; Lee Lehman and David Horton, sons.

We wish to see them all "up and at 'em" for the Holiday Season.

A NEW YEAR PHILOSOPHY

We may have less to live on, but we have just as much as ever to live for. We may own less, but no man is rich who has not a heart full of love to give. Only a heart able to love can know how to give. Only a heart rich in love can give the love that comes with nothing, and that love will more than make for you all the goods you have given away.

We may have less to live on, but we may have more than we knew before we had less. We may have less to live on, but we may own less. We may own less, but we may not own what we do not possess. We may be poor compared with others, but we are rich compared to the millions who are in desperate need of the small things that satisfy us.

We may have less to live on, but we may have more than we knew before we had less. We may own less, but we may not own what we do not possess. We may be poor compared with others, but we are rich compared to the millions who are in desperate need of the small things that satisfy us.

We may have less to live on, but we may have more than we knew before we had less. We may own less, but we may not own what we do not possess. We may be poor compared with others, but we are rich compared to the millions who are in desperate need of the small things that satisfy us.

We may have less to live on, but we may have more than we knew before we had less. We may own less, but we may not own what we do not possess. We may be poor compared with others, but we are rich compared to the millions who are in desperate need of the small things that satisfy us.

We may have less to live on, but we may have more than we knew before we had less. We may own less, but we may not own what we do not possess. We may be poor compared with others, but we are rich compared to the millions who are in desperate need of the small things that satisfy us.

We may have less to live on, but we may have more than we knew before we had less. We may own less, but we may not own what we do not possess. We may be poor compared with others, but we are rich compared to the millions who are in desperate need of the small things that satisfy us.

We may have less to live on, but we may have more than we knew before we had less. We may own less, but we may not own what we do not possess. We may be poor compared with others, but we are rich compared to the millions who are in desperate need of the small things that satisfy us.
SACRAMENTO—After a brief shutdown, due to inclement weather, the $2.5 million Elk Grove pipeline project has resumed by A. Teichert & Son Inc., Placerville. In the meantime, Fredrickson & Watson started The Arden Materials Inc. have held at December, and March, with material the job is almost five months old. The 1,400-foot Penstock made in 60 foot sections will be fabricated in Kaiser Steel's large plant, ranging from diameters of 13 feet to 15 feet and will contain about 5 million pounds of steel. It is scheduled for delivery early in 1964.

The Board also awarded the contract for $811,627.36 for oil circuit breaker, disconnecting switches, coupling capacitor, potential devices and apparatus for the Big Break and Union Valley Switchyards, Upper American River Project to Pennsylvania Transformer Division. McKean Edison Company of Dunmore, Pennsylvania. Bennett Murray was low bidder on the Pleasant Valley road. This job will not start for awhile due to the bad weather.

The Granite Construction Company has stopped all equipment and also the crusher. The show at the pit is parked and the stockpiles getting deeper. Herb Mills is the Project Manager on this job. J. A. Jones is working on the Robbe Peak Powerhouse. The job will not stop for awhile due to the bad weather.

SNOW IN HIGH COUNTRY
We have had the first snow storm on the job. Hardeman moved all equipment out of Jackal Mountain. Panichie Dam is still warming up completely in the Hownall Tunnel, but one more storm could close the tunnel at any time. Spring Detwight Dam is very near completion. However, there is considerable work to be completed and if the weather holds, the job could be completed in six miles of concrete from the town of St. Maries. The tunnel, which is being completed on the Chicago Park road, is 2.2 miles long and at the headwaters of Happy Valley. This will take about ten days. The crews in Helil Hole are well equipped and a lot of work can be done with the weather. The Middlegate Dam and Oxen Dam sites have been shut down completely, although its John and American Bridge are working on the Powers House and Penstock at Middlegate. The tunnel crews are all working around the clock. They are concentrating in both Helil Hole Tunnels, and should finish this in a couple of months. The Long Canyon crews and Brushy Add crews worked independently with both directions. The Headingle at Middlegate Outlet and Surfsh shell are moving along at the right pace. There is considerable work still going on here and the weather permits we should have a good many of the tunnels completed by the end of the season. The crews at the St. Maries project are working on the American River Project. It is scheduled for completion in late 1966 and will have an installed capacity of 200,000 K.W. It will be located on South Park American River just north of Placerville, and at the headwaters of the French Bar Reservoir.

Unsafe Water Heaters Called 'Potential Bombs'

Water heaters which do not meet state and federal regulations could be producing for emergency cutoff or pressure release when the apparatus malfunctions, are potential "bombs" which may cause property damage and personal injury according to Ernest B. Webb, Director, California Department of Industrial Relations.

Webb advised householders to be certain that appropriate label is attached to the equipment, that all new or reconditioned water heater. The Department of Industrial Relations Division of Housing regulation and local regulations require that all water heaters shall bear the label of an approved testing agency, that such equipment has been tested and inspected and meets the requirements of applicable standards.

In addition, labels on reconditioned water heaters shall state that the appliance has been reconditioned and shall give the name and address of the reconditionor. Water heaters which are reconditioned by the manufacturer or his approved agent may be exempt from this requirement.

For information regarding water heaters or the approvals of other types of equipment, contact your local Building Department or the nearest office of the Division of Housing.

In 1962, 1.5 million youngsters—just high school graduates and dropouts—will enter the labor market; in 1964, 1.9 million; in 1965, 2.5 million.

Recovered Gold Dredge Turns Out Material for Highway Jobs

RENO—Clement Rock Products, Inc., of Placerville, California, has had its dredge operations halted since 1957. This is large, fully integrated operation incorporating the pit, crushers, screening, blending, and the miles of conveyor and trucking facilities. The unique feature is the "waste of a kind" dredge, originally a gold mining operation. This is a "ditchers" type dredge complete with a 12 x 36 jaw crusher and pump. Material is pumped to the primary plant and goes through a series of seven crushers, four jaw crushers, the largest of which is a 5' x 8', and then to three cone crushers. This year, over 600,000 tons of material will go over the scales. The biggest year was 1959, when well over one million tons were sold. This is a three-shift, six day operation using approximately 175 or 300 men by the various contractors.

President John Houliang is the Vice President and General Manager of the Truckee operation. He says that these reclamation projects are labor intensive and that union problems are few and far between. The heaviest part of the work is now done, and the majority of the brothers have come back year after year because jobs are well.

Bill DuVernay is the plant superintendent, and he keeps close watch over the plant layout and dredge conversion. A mighty handy fellow to have around, and well liked by the Brothers. It's hard to know what combination.

Brother Gene Stone is the Northern California岫 primary mechanic, and Bob Sutton handles water controls.

The repair work, which on this type of operation is over half of the job, is capable handled by our mechanics and welders. William is the day master mechanic, Harvey Owen, the second shift, and Joe Giroux, the night yard crew. These Brothers are tops in the repair field and they really keep the works moving. The fact that they have craner-jack welders and mechanics on all three shifts is the secret.

The work season at the plant is from six to seven months. When the snow hits this area, there is nothing to do but lock up shop and go home. The plant has supplied the bulk of the concentric tube, base, asphalt and concrete that has gone into Interstate 80, State Highway 88 and the Sierra Highways in that area for several years. The present mine area is being supplemented by a model 88, and several 890, which will put the pit running. This will be the last year for the dredge only as a result of installation of a pump and additional pipe would not be economically feasible. The project is being handled by Ted Knoll and Yosi "Terry" Kaliw. Many thanks to Brother Heartgate for his cooperation in getting information and pictures for this article.

(See picture, page 8)
Marysville Report

Yuba Foothill Project Complete

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

Marysville, Aug. 8 - During the past month the Marysville Distric has witnessed one of the "wettest Autumns" in many years. Old man winter has dropped heavy snow in the hills, and almost continuous rain in the valley. We had all hoped some of the new growth on the trees would still be there, but now it is very doubtful. Most contractors are dubious of starting jobs with the unpredictable weather. At the present time the chance for any winter snow has all but disappeared, and work is very likely to start again to say the least. (The total of 576 A and B operators is listed in the following text.)

The county canal system was designed to deliver 10 million cubic feet of untreated water to the Yuba County Water District. The canal system will supply water to the Yuba County Water District for its water project and awarded contracts to the highest bidder for furnishing and delivering 14 gates and hoists for the Thermalito Diversion Dam located about one mile north of Oroville.

**HIGH WIRE ACT . . .** This 40-foot section of pipe, weighing 3000 pounds, sails through the air from Indiana Creeks to canyon rim during construction of Dubois-Oregon House Canal. Pipe rides abandon carriage on highline system, a wire rope attached to one side of canyon and a winch on the other side.

**OLIVE HIGHWAY JOB . . .** An often discussed proposal to relocate a hazardous section of Olive Highway in Oroville took a strong step forward this week when the Butte County Board of Supervisors opened bids on the project for the second time. Frank P. Donovan Construction Co., Santa Maria, was the low bidder with $745,194. Ten others bid on the project. Bids were asked by the county board in October after it had earlier rejected the first set of bids received on the project.

**WINCH . . .** Brother Cecil Atkins is operator of winch on the Yuba Foothill project for Dan-D Co. in the work of $200,000 Yuba Water District project to distribute water from South Fork on Feather River.

**ENGINEERS NEWS**

December, 1964

| Siphon at Prince | B OFFICE, incl. & 141 \ M ~!nd | E | wettest Autumns | vally . We had all hoped some | weather. At the present time the | now it is very doubtful. Most | contractors are dubious of starting | jobs with the unpredictable weather. At the present time the | chance for any winter snow has all but disappeared, and work is very likely to start again to say the least. (The total of 576 A and B operators is listed in the following text.)

The county canal system was designed to deliver 10 million cubic feet of untreated water to the Yuba County Water District. The canal system will supply water to the Yuba County Water District for its water project and awarded contracts to the highest bidder for furnishing and delivering 14 gates and hoists for the Thermalito Diversion Dam located about one mile north of Oroville.

**HIGH WIRE ACT . . .** This 40-foot section of pipe, weighing 3000 pounds, sails through the air from Indiana Creeks to canyon rim during construction of Dubois-Oregon House Canal. Pipe rides abandon carriage on highline system, a wire rope attached to one side of canyon and a winch on the other side.

**OLIVE HIGHWAY JOB . . .** An often discussed proposal to relocate a hazardous section of Olive Highway in Oroville took a strong step forward this week when the Butte County Board of Supervisors opened bids on the project for the second time. Frank P. Donovan Construction Co., Santa Maria, was the low bidder with $745,194. Ten others bid on the project. Bids were asked by the county board in October after it had earlier rejected the first set of bids received on the project.

**WINCH . . .** Brother Cecil Atkins is operator of winch on the Yuba Foothill project for Dan-D Co. in the work of $200,000 Yuba Water District project to distribute water from South Fork on Feather River.
City of Roses
Sara Olson: Outlook Bright in 1965

By RUS SWANSON and LOU RANNES

SANTA ROSA—A year ago at this time for the outlook for the city health was poor, however, we believe 1962 will be better. Our area, we believe, is about to experience an economic upturn which is refreshing to be optimistic about.

As an example, there are two projects in the offing, both in our district and each represents a cost of $5.2 million. There is the Gordon hill highway, a development which when completed will complete the Ukiah-Ry-Bea project. There is the East Pank Park project, including a bridge and approaches at Guapare, south of P. Ruge. And, the Hughes and Ladd section of road construction on the Ukiah-Round Valley road, will effect employment for our Engineers.

There are other jobs on this drawing board, too. There is a $3 million highway construction made possible by the property tax assessment having been going on. However, I don't think the time before this project starts.

On the coast, we are still awaiting the Mayor of professional development for the Brannkwater. This is a Federal project and involves $15 million. No definite word has been received indicating a choice for a harbor at beth harbor and paper pulp ship running down the Coast.

WARM SPRINGS DAM

Further south, no news at all to date about the $42 million Warm Springs Dam, but probably Doyley Brothers is doing some more drilling. We are patiently awaiting word from the Corps of Engineers about actual commencement of construction.

Still farther south, we don't know when to expect the word about the P. G. & E. Plant at Bodega Head. The mattress, Local No. 3, Brothers have had a lot of work in idle and access roads, but the project as such, jobs which would have been available in construction of the plant are lost, at least that is what we are led to believe. However, maybe they will build a conventional plant, who knows?

Bidding has been very active in the area in the past month on various types of construction. Wise and McGlynn were low bidders on another section of United No. 1, St. Francis Acres Subdivision in the amount of $136,950.

Argonaut Contractors have been awarded a contract in the amount of $185,850 for improvements on Creekside Park Subdivision.

Arthur B. Sire was low bidder on several improvements on Brides Lane. This will consist of grading and paving sewer and storm drains. Amount of bid is $105,402.

The City of Petaluma awarded a contract to Kirkly Big, Inc. for improvements to the Greener Water project. In addition to work on waters, mains, grading and grading and sidlings for $112,900. The City of Petaluma has been active this year and has awarded a contract for United No. 2 on the Tamalpais Subdivision at Sonoma.

It appears that the Handler Con- struction Company is down for the winter (we hope not) on their million dollar channel job on Santa Rosa Creek. OAKMONT BUILDS

The Project Manager of Oak- monto Builders has told us that Unit No. 2 of this subdivision will be awarded in February; the unit will comprise 160 lots at an approximate one million dollar. Bids were opened on other nine-holes on the golf course. Plans call for another 500 homes with both sides of the course just completed. This is a leisure type village Subdivision. Further along, Mr. Brinn, who holds on a portion of County second-longest in the County at $305,000. Archie Edmonds, Project Manager for this firm says it hasn't been heard as yet, but he confident it will be in the near future.

Brothers all of these jobs will be going some Spring. The future looks fairly good and there is a lot of work we now know, several more projects throughout the three counties to come sometime in the near future. To mention a few: A k c County, Water Treatment plant around $700,000 for a sewage system in Clear Lake Oaks; the Drainage study in Kelseyville, and Lake County, the City of Lakeport and County of Lake are planning, in the near future, to expand their sewer system out something like four or five thousand feet.

Lake will be awarding a sizable contract for a water system. They have approximately $20,000 to spend, Lake Coun- ty has been involved with algae, and re- turn business has dropped 50 per cent in the past two years. This has brought considerable concern to bear on the local faction and County Supervisors.

We, of this office, have put our "two cents worth" in whenever possible on the sewer problem, and getting the Kei River Water Conservation District to bring this water through the moun- tains into Clear Lake. This would solve some of the water pollution problem and furnish a lot of work for the Operating Engineers, which is our prime interest.

DEPARTMENT OF EMPLOYMENT

During the heavy weather, is the time that the services of the Department of Employment are used to some extent. We, in this area have the best of relation- ship with the various offices, and feel that this reflects upon those of you who come in there.

We have talked to a lot of engi- neers aligning up who have re- cently to even sign up even when they are out-of-work. There is much work going on with a lot of people who have a prime interest in this area have a condition which is not immediately solved.

The Santa Rosa office wishes to express "thanks" for the co-operation received the past year, and to wish everyone a Happy Holiday Season.

Marina Project: Taking Shape; Crushers Busy

By AARON SMITHE
VALLEJO—The Marina Project progressed in to and around here and homes as the "big proj- ect" for the City of Vallejo. Water- falls have placed a damper on most projects elsewhere.

Not to mention the liberal use in to start driving piles to form the sea wall on the Napa River, at the site of the new dam. Olympic Dodge Bros., has a dredge working pumping out the mud and preparing the site for important material. Parish Brothers has made some good ad- vance in the earth moving on the Marina job.

Elsewhere, Bay Boring Co. is driving a pipe under North Texas Street in Fairfield; Industrial City of Vallejo is installing a parking plant; Rish Construction has let the job for the Hughes and Co. as is the case with a water- pump crushing plant. The latter, along with M & K & Co. and West- beck's, is working for the Dark- enwald job on the Benicia-Cor- delia Freeway.

In contractors projects, Knock- enberg Construction moved back from Wadsworth and was again in Clear- nica. The Brothers are laying sewer mains and laterals. Lyle's Bros. is also laying pipe on this. From the Vallejo office we will have a full report on them and their engineers and the Merry Christmas and Happy and Pros- perous New Year.

Silver State Gimmers Under Snow

By NORRIS CASEY, BU DREMER, and JIM TULLOCH

BANKS, GAIL BISHOP and JUDD McDIARMID

RENO—Snows and sub-weather has hit the Great Silver State, and many construction projects are preparing to hibern- ate for the Winter.

This long, severe winter, there are still many jobs resuming construction. However, there have been helped in the past, some early shelters and turning on winter operations for the past winter. The Brothers from freezing.

In between the storms, the Metcal, Wells, Maxwell project at Incline is laying underground work and managing to do some curbed and gutter work.

Putzer and Dutton have now the forty-eight inch trunk line to the new sewerage plant and Nenollina Construction Company is busy on the new plant, a nice five million dollar job for the Reno area.

The new parking lot and Center Street is finished ex- cept for the final touches. This will help solve parking problems for Renoss and visitors alike. Riverside Avenue is now receiving other feeder line to the new sewage plant, a $250,000 job. A job which will be awarded to the Brothers for this quite some time.

Isbell Construction is working on the outstanding projects, this will keep a few Engineers busy through the winter months. Isbell is also working on the Silver Springs-Walbusk job and is working on another, as well as others, to keep busy.

Caddle Corporation, is running the main gas line from Silver Springs to Yerington. This line will service industry and private homes in Mason Valley.

Silver State Construction has completed the guard rails and signs on the Wadsworth section of Interstate 80, which stretch of road is now open for traffic. This was done by Wadsworth and Penray.

Industrial Construction does not appear to be done until spring unless the weather makes it impossible to complete the work in Western Nevada.

NORTHEASTERN NEVADA

In the Northeast Nevada re- cooled temperatures of nine de- gree below zero the 17th and 18th of November in Elko. The grade work on US 80 has slowed a result of the weather.

Wallace has one big cut near the railroad overpass at Elko that will last through November, several savaş, and push cups and competitors. The general area of Wintee- mutes to Wendover is on the face of Brother Jim Walsh, owner- operator of the new 1800 sand working rock the clock on the rock area for Nevada Rock and Sand on the sand on the area, the 600 st, East of the Wells-Cargo-Dunn Co. Dunn.

As we mentioned before, In- dustrial Construction is subbing out on this Government project. We need time to mention last issue that Maurice Petaluma is in the process of refining the old valve to now into the blade to confirm with Industrial, and is handling a spread on the new笛.

Isbell has Newmont Mine at Carlin. A two-shifting op- eration, at Newmont Mine plus the setting dam being subdued from Bechtel, down below the gold mill Bechtel is building for Newmont, Isbell brought in a big 120% tonneage increase if operation and is practiced in print. So many operations, it's not surprising to find four Speeds there, at Elko. microscope and Isbell are stowars on the stripping operation, with Jugger Stevens and Floyd Glun- dare with the district, notified Floyd hit the "A" list after finish- ing the job for Ivanhoe. In at the Palletta for the railroad. His boy, Jim, works several hundred feet from the plant of the second, on Bechtel's payroll. Byron Ma- cKinnon is making up their crew while running a crane and leaving stead for the red iron boys.

The holidays are upon us, and this brings up the subject of the "Engineers News" for the Christmas and Happy and Prosperous New Year.
SALT LAKE—Temperature extremes have dropped considerably here in Utah with the northern part of the state hit by high winds, which have caused thousands of dollars worth of damage. Snow has piled up in the higher elevations. However, there is a minimum of snow in Salt Lake Valley.

Last week marked the entrance of Salt Lake City into the "Free Trade Age" with the dedication of 47 miles of Interstate 15, from 8th South northwesterly to 24th South. Thirteen contractors were represented. This was a costly section estimated at $27,040,000. Had this amount been spent in a rural area it would have covered the expense of 43 miles of freeway. Many of our brothers have helped to complete this project.

This job will be a hard job in Salt Lake continue despite snowfall and cold weather, which closed down the dirt jobs.

The University Club Building, at South Temple and State Street, is nearing completion. They have three stories to go on the 33-story structure. This building was started last August and should be complete by June. Jerry Knudsen, the general contractor, is happy with this job with Bill Barnes as steward and Dave Brown as safety committeeman.

These Brothers are operating two Swedish cranes located at each end of the building. Superintendent Ball credits much of the success of this job to these Brothers. Brother Ray Anderson is relief operator.

BUILDING CONSTRUCTION

At the University of Utah, construction continues on the Music and Fine Arts Center at South Temple and Main Street, will be completed at approximately the same time as the University Club Building. The entrance to this building, five months earlier, the different types of construction such as brick and glass, will be held on the building.

The Union and the Company have just been awarded a $5 million-plus contract for a portion of this job with the new combination service contract.

The Union and the Company have just been awarded a $5 million-plus contract for a portion of this job with the new combination service contract. The Company will be responsible for the building and the new crane job.

Snow has slowed down the work in the area.

The Salt Lake City Union Hall is a well-organized well-organized group of workers. The Union and the Company have just been awarded a $5 million-plus contract for a portion of this job with the new combination service contract.

HUGH BODEN, JAY NELLEY, MERLIN BOWMAN, JOHN TAYLOR, LAUREN TAYLOR, AND VANCE ARBOUR

SALT LAKE INVADED BY 
"FREEWAY AGE"

SALT LAKE—Construction activity is evident in Salt Lake Valley with the construction of new buildings. The University Club Building, at South Temple and State Street, is nearing completion. They have three stories to go on the 33-story structure. This building was started last August and should be complete by June. Jerry Knudsen, the general contractor, is happy with this job with Bill Barnes as steward and Dave Brown as safety committeeman. These Brothers are operating two Swedish cranes located at each end of the building. Superintendent Ball credits much of the success of this job to these Brothers. Brother Ray Anderson is relief operator.

COLLIMATION...reading setup for present concrete dam. Jig transit is in foreground on left abutment. Adjustable target is on dam. Fixed target is on far side right abutment.
Apprentice Program Depends on Journeymen For Good Leadership

By DANNY D. DIES, A. S. PENNERBaker, Bob Long.

In this business, Winter is the time to learn more about the Apprentice program, so vital to our industry's future. The meetings are scheduled for this period of the year. The meetings will be held at the office.

The expected growth in the building industry will require new capacities in the Apprentice Program. The trade de- pends on the Journeymen to teach and impart the skills he has learned to the apprentice, so that one day, he, too, may be- come a Journeymen of the Industry. This was how the apprentice program began hundreds of years ago.

In practice, apprentice train- ing is divided into two phases of instruction in technical subjects at school and, secondly, on-the-job training provided by the em- ployer.

FIVEPOINT PLAN
The five major points which we believe to have broken down into five categories:

1. Prepare yourself before you attend the Apprentice Program. Think the job through so you know exactly what you want to be doing. We don't want to see you trying to teach him too much at one time.

2. Instruct him in the tools and skill and ability, and which will be, new, free, friendly and understand, and he will appreciate your help.

3. Be very selective in what you learn to be able to learn at one time. Demonstrate and explain how to do the job.

4. Be clear and complete in in- structions. Encourage questions; if you don't understand, ask someone.

5. Let the Apprentice do the job. To work on the decision, to use the tools properly. Does the completed job meet standard?

PROGRAM PROGRESSING
The Apprentice Program is moving along very well at this time. Looking back, we can see a great deal of improvement in the program since its inception. We are continually seeking ways to make it better, while developing visual aids for in the classroom setting. We are continually seeking ways to make it better, while developing visual aids for in the classroom setting. We are continually seeking ways to make it better, while developing visual aids for in the classroom setting. We are continually seeking ways to make it better, while developing visual aids for in the classroom setting. We are continually seeking ways to make it better, while developing visual aids for in the classroom setting.
Golden Gateway Starts Second Building Phase

By DALE MARE, GEORGE BAKER, ED DU BOIS and JIM MEERAN

SAN FRANCISCO—The rains continue to hold the work in check south of the Mission Street parking lot. They were awarded four of those jobs by the City, and this is the largest. Ducenna & Haroldson are moving right along on their free-way job. G. F. Ackman is standing by, ready to move in as soon as the work is moved over by Peter Wall or, soon, on the Southern Freeway, has arrived at the 30% comple­
tion stage. They are moving the 641's and are moving the dirt from the Structure area with bulldozers and trucks. Bruno Paving has most of the sand moved on the beach job, where the new truck is being used as a traffic control between the Zoo and Lake Merced recreation area. K. Murphy, with a good crew going water lines for the City that Mur­phy Recreation area. Also at Permanente Cement has the office

Mele Kalikimaka, Brothers

BY HAROLD LEWIS, RHEA NAKANO, CLARENCE FRIEND and WILFRED BROWN

HONOLULU—The spirit of Christmas is certainly a wonderful feeling indeed. Amidst the hustle and bustle of busy people decorating, shopping, and planning for a memorable Christmas and New Year; it never fails when these busy people stop for a brief moment to wish each other a Merry Christmas and a Happy New Year. The Hawaii District's business representatives and office personnel would like to extend our heartfelt wishes to all of our Brothers members and their fam­i­lilies, in the Hawaiian way, our best wishes... MELE KALIKI­MAKA and HAOLE MAKAKIHI HO!

Hawaii's weather has taken a sharp turn, and it seems that it will be a "wet" Christmas. As a result of the change in the weather, our Brothers are not getting many hours of work. A few, who have been working continuously throughout the year, are for the first time filing for partial unemployment compensation, due to the lack of working hours during the work week. Let's hope the weather takes another turn in our favor; there is an abundance of construction work to be done.

At our first Sub-District quar­terly meeting held on November 11, an election of Grievance Committee members was held. Brothers Herman Mock, Chairman; Edward Ulmer, Solicitor; Thomas Tam其次是 Everett Eacutais were elected to serve on the Grievance Committee. It will meet every Monday evening between 7 and 8 o'clock, at the Union office. These three stewards are also serving on the negotiating com­mittee for a new contract with Kaiser and negotiations are progressing very smoothly.

We are negotiating with various trucking companies under our jurisdiction. Contracts with American Trucking Company and W. T. Chang's Kawainui project was closed, due to... of the AFL-CIO were presented to the following:

Safety message... National Safety Council meeting in Chicago recently adopted Engineer's message: "Do not talk to operator while he is operating equipment." From left: Dale Mare, Local 3 vice president; Hunter P. Wharton, general president of IUOE; and Fran Walker, Local 3 safety representative.

SAFETY MESSAGE... National Safety Council meeting in Chicago recently adopted Engineers message: "Do not talk to operator while he is operating equipment." From left: Dale Mare, Local 3 vice president; Hunter P. Wharton, general president of IUOE; and Fran Walker, Local 3 safety representative.

December, 1964

Wharton Issues Safety Council National Awards

CHICAGO—Outstanding safety efforts during the last few years were rewarded with plaques to the winners pronounced by Chairman F. P. Wharton, general president of the International Union of Operating Engineers. Wharton made the awards presentation during the National Safety Council Convention and exposition. He is the Council's president for labor, and head of the labor conference, which established the awards.

Harry Reed memorial awards, named for the late assistant to the I. O. C. secretaripresident, were presented to the following:

Oil, Chemical & Atomic Work­ers for excellence in oil field safety; Blevins et al., safety program; Operating Engi­neers Local 10, Chicago, for over-all program of safety; Portland Cement Company, a safety program; Professional Iron Workers Local 7 of the Bob­ber Workers in Aukum, O., for a safety program; Chicago Paving Co. for a safety program.

Citations for individual effort were made to the following:

George, Dave, Ed, Jim and John and the out-of-work list. Due to the very good weather, Brother Peterson Caterpiller would take another six-mans worth of work.

Savannah, a 12-inch suction dredge is progressing well. The Brothers have been working "sixths" the past months, due to the very good weather. On the first day this project was closed, due to inclement weather, Brother Wi­lliam "Dad" Paufoe, a "pro" when it comes to operating cranes, and Brother Christopher Sloan, an alert observer, visited the Union office. They seemed to welcome the day as if they have been working very hard the past months. However, let's hope there are not too many of those "rain outs!"

Husthof's Chinatown, on Mon­keys St is slated for improvement, Construction of new buildings, buildings and facelifting old structures are planned. This district is the city's oldest and is bolstered by Nussein Avenue, King River, and Kukui Avenue, and will soon be brought back to life. A number of the present buildings have been torn down, and in their place will rise modern five-story office buildings with roof-top parking.

The risk of dying in the prime of life is almost twice as great for men who are heavy cigarette smokers as for non-smokers.

LBJ Lays Out Job For Congress

President Lyndon B. Johnson's program for the 88th Congress is to be set up this week af­ter the President called on two Democratic House leaders for a report on all measures containing a good chance of early passage in 1969.

Johnson has already indicated that Medicare and aid to Apa­nias, a poverty-stricken Thai­land East Coast area, would receive top priority.

Other labor-backed programs being considered for early action include:

A program for increased and liberalized unemployment compensation;

Expanded social security benefits;

Extension and expansion of the Federal credit union program to bolster the economies of areas suffering high unemployment;

A program to provide fed­eral aid to education below the college levels;

A new immigration measure.
San Rafael Jobs Interrupted By Sound Drilling
By AL HANSEN
SAN RAFAEL—The work picture has suddenly changed as heavy rains drenched the area, shutting down many jobs, particularly the Loh-Wond job at Red Marin Keys. However, at this writing, the sun is shining, and the situation appears reasonable, we look to see many jobs back in operation.

But there have been calls for this week's Irwin Street, in San Rafael, and perhaps by the next issue, we will know more, and who has been awarded this contract.

The place where Mountain View -and Interstate 358 had been awarded, there have been a few jobs in the area. Those boys are certainly hunters. Their most recent job is grading and drainage, located in Napa Valley at the Dixie School site. The company is also doing a job at Alviso Arms, at Pacific Highlands Road Bridge-Mill Valley.

San Francisco is back in operation after a week's shut down due to the recent storms and the great job at Lark­

Valley and Canal St., in San Rafael.

North Bay Construction, of Santa Rosa, was awarded a sewer construction job for $396,040.

S. H. Covarrubias & Son is doing a sewer construction job in Napa after recently finishing a job in Ukiah.

Economic depression bums on the street and road work, north of Nevada on Hwy 101, and other locations in the same line.

J. K. Construction, at Indian Hill subdivision in San Ansel­

mo, is doing curb, gutter, and other road work, and Mess Bros., also, is doing some work at this location.

Finn Construction at present is still shut down on the Trou­

a construction job in Oceano, Calif., Los Verdes, but will resume operations as it drives up.

A number of small jobs in the county have been started and ex­

pected to be completed in the near future.

Brothers, we remind you that $1000 year student is available for those who wish to pay by the year. Here are the amounts due:

$1000 per year.

$500 per year.

$250 per month.

$100 per month.

$50 per month.

$25 per month.

$15 per month.

$10 per month.

$5 per month.

You and your friends, this can be paid in monthly install­
ments, and you and your friends will then be free to hire your

frend to do the best work for you.

You and your friends, the Peace Corps has undertaken a similar job, and we urge you to hire your friends.

Many people in Britain realize, even now that the Peace Corps was specifically inspired by a British prototype called the Volunteer Service Overseas, which is doing a similar job too.

The Peace Corps has overaken it in numbers, but not in quality, but the world needs both organi­

It is time for the critics to abandon their extremist views and devote more time to the con­

structive balance of an adequate approach to jobs, using free­

ways as the basis for development.

Are You Entitled To DI Refund?

If you have worked for more than two employers during the year and received more than $5100 in wages in California, you should file for a rebate.

Real forms, name list 1049 will be available after Jan­

uary 1, 1965 at any local state employee office. Do not in­
clude wages earned in other

LBJ Electoral Vote

Biggest Since 1936

The electoral vote of 86 that President Johnson rolled up on Nov. 3, is the biggest any presi­
dential candidate has received since 1956 when President Eisen­

hower amassed 532 votes to 8 for Goldwater's total of 35, which came from five Southern states and five of the nine states of the old South, where he won by a margin of less than 4,000.
VISIT BLOOD BANK; GIVE FOR ENGINEERS

SWAP SHOP: free want ads for Operating Engineers

FOR SALE


COLD SHOT, NEW. 2959$.95. Call Mr. John Shull, 324 S. 3rd St., San Francisco, 3, Calif.

EXCHANGE STUFF. HOW Less items than listed for equity in solid items. Call or write.

RULES FOR SUBMITTING ADS

* Any Operating Engineer may advertise in these columns without charge, for a PERSONAL property he wishes to sell, recovering the same upon acceptance, at the expense of the advertiser, personal service or volunteer help.

* PRINT ON TYPE. The wording you want in your advertisement as a separate sheet of paper, having your name, address, and telephone number. This is to be submitted with your advertisement.

*cción will not accept any advertising on the property you have advertised in any other newspaper.

* The purpose of this service shall be for the benefit of the Operating Engineers, and no other person or persons shall be allowed to use this space for any other purpose.

* Address all ads for: Engineer Swap Shop, c/o C.E. News, 320 S. Third St., San Francisco, California. Be sure to include your register number. No ad will be published without this information.

DISTRICT MEETINGS JANUARY - FEBRUARY

DISTRICT 1

San Francisco: Jan. 16, Higgins, 200 Broadway. 6:00 p.m.

Eureka: Jan. 19, ‘Tree Fellas,’ 305 Broadway, 6:00 p.m.

DISTRICT 2

Bodega: Jan. 16, Eric Johnson, 513 Broadway. 6:00 p.m.

DISTRICT 3

Oroville: Jan. 14, Thursday, Prospector’s Village. 6:00 p.m.

SUB-DISTRICT 1

San Mateo: Jan. 20, Wednesday, 1620 W. 8th. 7:00 p.m.

* Election of Grievance Committee set for this place at the first District Meeting of the year in each respective District.

Steward Meeting DECEMBER

Vallejo — Dec. 14, Monday, 1620 W. 8th. 7:30 p.m.

San Francisco — Dec. 16, Wednesday, 2059 S. Third St. 7:00 p.m.

San Mateo — Dec. 17, Thursday, Union Hall 50 No. 3 St. (Carp. Hall) 7:20 p.m.

* Strike Idleness Hits Low in Third Period

Strikes and lockouts active in California during the third quarter of 1964 resulted in $980,000 worth of goods of this type. This was far below the third-quarter average of $1,630,000 for the past ten years, according to the latest statistics reported by a Bureau of Industrial Relations.

By preliminary estimate by the State’s Division of Labor, Statistics, 25,000 workers were idled by the 10 work stoppages beginning in the third quarter of this year.

CREDIT UNION

District 9

San Jose — Jan. 5, Tuesday, Labor Temple, 45 Santa Teresa, 2:00 p.m.

District 8

Sacramento — Jan. 10, Thursday, C.B.L. & T. Bldg., 2005 Stockton Blvd., 8:00 p.m.

District 5

Oakland — Jan. 31, Thursday, Labor Temple, 2013 Valdosta St., 8:00 p.m.

California exports more agricultural products than any other state in the Union.

MOVING?

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

REG. NO. LOCAL UNION NO. SOC. SECURITY NO.

NAME:__________________________

OLD ADDRESS:____________________

NEW ADDRESS:____________________

WANTED TO BUY

N. M. MECHANIC’s hand tools.

Please give description and price.

M.”