

# Marr Elected Local 3 Business Manager

## Redding Brothers Win 30-Cent Wage, Fringe Increases

### Rock, Sand & Gravel Strike Lasts 34 Days

Operating engineers covered by rock, sand and gravel agreements won 30-cent increases on both wages and fringe benefits last month after a 34-day strike of six Redding area companies.

The strike started October 16 when 39 brothers refused to ratify agreements with Morgan Paving Materials, Oaks Sand and Gravel, Redding Transit Mix, J.F. Shea Company, Cossuto Trucking and THR Company.

The Federal Mediation and Conciliation Service was called in and Commissioner Roger Randall arrived on October 26. Negotiations were reentered shortly thereafter with Business Manager Al Clem, Assistant Business Manager and Vice President Dale Marr, District Representative Ken Green and Business Representative Bob Havenhill representing Local 3.

On November 16 a new agreement was presented to brothers and it was unanimously ratified by the 37 members who attended the meeting. All striking members returned to work on Monday, November 19.

In addition to wage and fringe increases the ratified agreement contains the following new provisions:

In the case of concrete plants only, whenever an employe is called in to work on a Saturday he will be paid at least four hours at the applicable overtime rate. All time worked beyond the first four hours will be reckoned by the shift at the applicable overtime rate.

Effective as of July 16, 1974, if an employee is required to work more than six hours on the second half of a shift he will be allowed to take a half-hour lunch break. If he is required to work through this lunch break he will be paid an additional half-hour at the straight time rate.

Effective July 16, 1975, an employee will be paid three times the regular straight time rate for any overtime hours worked in excess of 12 on Monday through Friday.

Admission Day is designated as a holiday but it may be changed by written mutual agreement prior to August 1 of each year.

Employees who are eligible for holiday pay who are required to

The San Francisco office and all district and sub-district offices will be closed on Dec. 24, 25 and 31 and Jan. 1. All offices will be open until 5 p.m. on Dec. 26, 27, 28 and Jan. 2, 3, and 4. During the week of Dec. 17, the Credit Union in the San Francisco office will remain open until 5:30 p.m.

"Serving the men who move the earth!"

## ENGINEERS NEWS

PUBLISHED TO PROMOTE THE GENERAL WELFARE OF ALL ENGINEERS AND THEIR FAMILIES



Guam, Where America's Day Begins • Hawaii, The 50th State • No. California, The Golden State • No. Nevada, Silver State • Utah, Heart Of The Rockies

Vol. 32—No. 12 SAN FRANCISCO, CALIFORNIA 40 December 1973



**MAKING SURE**—Jack Stump and Jack Jordan of the U.S. Dept. of Labor hand count the first 100 ballots as Election Committeeman Gayle Peterson watches. The first 100

ballots were hand counted to make sure that ballot counting machines were accurate. After several minor problems the machines were certified as accurate.

work on holidays specified in the agreement will receive two times the regular straight time rate in addition to holiday pay, and be guaranteed a full day's work. Employees not eligible for holiday pay who are required to work on the specified holidays will receive two times the regular straight time rate of pay and be guaranteed a full day's work.

The new vacation and vacation pay schedule will be as follows:

Yrs Service	Vacation Hrs.	Wks Off
1	40	1
2	80	2
3	80	2
4	80	2
5	80	2
6	90	2
7	100	2
8	120	3
After 20	160	4

Effective July 16, 1974

Yrs Service	Vacation Hrs.	Wks Off
1	40	1

Yrs Service	Vacation Hrs.	Wks Off
2	80	2
3	80	2
4	80	2
5	80	2
6	90	2
7	120	3
8	120	3
After 20	160	4

Each employee who is terminated will receive pay in lieu of vacation computed as follows:

1st year	.....	2 per cent
2nd year	.....	4
3rd year	.....	4
4th year	.....	4
5th year	.....	4
6th year	.....	4½
7th year	.....	5
8th year	.....	6
20th year and thereafter	.....	8

Effective July 16, 1974

1st year	.....	2 per cent
2nd year	.....	4
3rd year	.....	4
4th year	.....	4
5th year	.....	4

### Recount Gives Marr Victory By 145 Votes

In one of the closest races in the history of Operating Engineers Local Union No. 3, Dale Marr was elected business manager by 145 votes over Norris A. Casey.

Also in the race were President Paul Edgecombe and Martin A. Casey of Daly City.

In other races Harold Huston was elected president, Bob Mayfield vice-president, James "Red" Ivy recording-corresponding secretary, Harold Lewis financial secretary and incumbent Don Kinchloe treasurer.

For the three offices of trustee, brothers elected Tom Bills (incumbent) Kenneth M. Green and Pat O'Connell. Incumbent Walt Talbot, Dick Bell and Dennis Wright were elected auditors, Mike Kraynick guard, and incumbent Ray Cooper conductor. Cooper ran unopposed.

The winners of Executive Board positions who were opposed were Ray Helmick for District 1, Tee Zhee Sanders for District 2, Joseph Ames for District 7, Max Weaver for District 9, Charles "Chuck" Smith for District 10, Ed Jones (incumbent) for District 11 and Kay Leishman (incumbent) for District 12.

Executive Board members who were elected without opposition were Henry Willeesen for District 8 and incumbents Merle W. Isbell for District 3, Don C. Dillon for District 4, A.E. "Jack" Lofton for District 5, Jack W. Slade for District 6 and Shoichi "Mala" Tamashiro for District 17.

The vote tabulating procedure began about 10:20 a.m. on November 26 when ballots arrived at the California Hall on Polk Street in San Francisco after being hand counted. (See BROTHERS CHOOSE MARR, Page 3)

## Merry Christmas



### World of Work

## Youth Employment Reaches Record High In Summer '73

By PETER J. BRENNAN  
Secretary of Labor

H. S. of Coral Gables, Fla., writes: I am 17 years old and during the summer I had a good job in a restaurant. Do you have statistics on the general employment situation for young people in the summer of 1973.

Dear H. S.: Youth employment reached a record 14 million in July, 1973, an increase of 800,000 over July of last year. The U.S. Government Department of Labor's Bureau of Labor Statistics reported that the unemployment rate, 12.6 per cent, was at its lowest summer level in four years for 16-21 year olds. In general, the unemployment situation for youth was more favorable this summer than in any other summer since 1960. From April to July, 1973, the youth labor force increased by three and one-half million, and unemployment rose by three million.

K. M. of Columbus, Ohio, writes: I am interested in finding out some facts about the number of women in the work force in the past, compared with now.

Dear K. M.: In 1920, there were eight million working women, compared to nearly four times that many today. In 1920, the typical woman worker was 28, single and employed in a factory. Today, she is 39, married and a clerical worker. In April, 1973, 34 per cent of all employed women were clerical workers. They accounted for 77 per cent of all clerical workers. In 1972, 43 million women were not in the labor force. Of this number, 36 million were keeping house, four million were students and three million were not working because of ill health, disability or for other reasons.

D. J. of Denver, Colo., writes: My son works for a public utility company. His supervisor informed him that if he works eight hours and five minutes a day, he will only get paid for eight hours. If this were just an occasional policy, it would not be too bad, but my son says he is required to work five minutes extra every day of the week, I feel he should get overtime pay. What does the law say?

Dear D. J.: The Federal Wage and Hour Law, enforced by the Labor Department's Wage and Hour Division, requires time-and-one-half overtime pay for hours worked over 40 in one week. When the Division finds employees who occasionally work an extra four or five minutes a day, it usually does not apply the overtime requirement. But if an employer frequently or regularly works employees past the normal eight-hour day without paying overtime, then this is a possible violation. Your son may find out if he is entitled to time-and-one-half by contacting the nearest Wage-Hour Office, listed in his telephone directory under U.S. Government, Department of Labor.

Editor's note: If you have a question regarding job training and placement, labor-management relations, job health and safety, equal employment opportunity, wages and hours, employment and unemployment, prices and earnings and other matters involving the U.S. Department of Labor, send it to:

Peter J. Brennan  
Secretary of Labor  
"World of Work"  
U.S. Department of Labor  
Washington, D.C. 20210

## The Runnin' Of A Rig

By HACKETT G. HACKETT  
Operating Engineers' Union—Local 324, Detroit, Michigan

There's a sorta satisfaction in the runnin of a rig  
An ya get a mighty feelin, when yer startin inta dig,  
An ya feel the clutches takin, an ya let yer brakes release  
As yer payin out the cable, then ya feel yer soul increase  
Till it sorta leaves yer body, as it grows so awful big,  
When ya feel the satisfaction in the runnin of a rig

When ya open up the throttle, that's the time ya start ta live,  
When ya start the pay-dirt rollin, give it all ya got ta give,  
An ya get a sense of greatness, as yer bucket slices in,  
If ya stop ta think about it, then ya hafta sorta grin  
As the hours get ta flyin, just like water thru a siv,  
When ya open up yer throttle, an yer startin in ta live

Theres a kinda jubilation in the smell that always comes  
From the friction of the clutches, as they fight ta turn the drums,  
An the odor of the brake-bands, as they dissapate the heat  
Is so strong you most can taste it, acrid, pungent, bitter, sweet,

There's a mighty jubilation in the smell that always comes.  
When ya get ta cuttin fancy, an the dirt begins ta fly,  
An yer boom-tip is a-bobbin at the clouds up in the sky,  
An ya hear the hot gas rearin, as it fights ta clear the stack,  
An ya hear the swingers squeelin, as ya pull the lever back,  
Makes ya sorta feel important, an ya know the reason why,  
Cause yer cuttin mighty fancy, when the dirt begins ta fly.

Wish ther'd be a place in Heaven, sorta golden diggin ground,  
With machines of all descriptions just a-settin all around  
So that engineers who entered, all would shed their happy tears,  
When they read the sign of "Welcome, Operating Engineers."  
Oh ya get a mighty feelin when yer starting inta dig,  
There's a heap a satisfaction in the runnin of a rig.

Submitted by Mrs Jack R. Nichols



555 CALIFORNIA STREET, SAN FRANCISCO, CALIFORNIA 94104  
415-392-1032

November 28, 1973

To the Election Committee of  
Operating Engineers Local Union No. 3  
474 Valencia Street  
San Francisco, California 94103

Dear Sirs:

We have completed our count of the ballots cast by members of the Operating Engineers Local Union No. 3 in the November 1973 election of Officers and District Executive Board Members of Operating Engineers Local Union No. 3. The procedures followed in connection with the mailing, receipt and counting of the ballots were in accordance with the applicable provisions of Article XII (C) Section 1 of the By-Laws of Operating Engineers Local Union 3 and the voluntary compliance agreement dated May 20, 1973 between the International Union of Operating Engineers, Local Union No. 3 and the United States Department of Labor.

Pursuant to Article XII (C) Section 5 of the Local Union No. 3 By-Laws, T. J. Stapleton, Recording-Corresponding Secretary, cast one (1) ballot for each unopposed candidate in the election of Officers and District Executive Board Members.

The total number of ballots received and those ballots determined to be invalid because of the absence of the member's signature on return envelope, or because the ballot was otherwise irregular are indicated on the accompanying tabulation.

In our opinion, the accompanying tabulation accurately presents the results of the election.

Yours very truly,

Enclosures-  
As above

At its meeting on November 11 the Executive Board approved honorary memberships for the following retired Operating Engineers who all have 35 or more continuous years of membership in Local 3: Perry L. Brown, initiated by Local 59A in October, 1933; E. F. Butler, initiated by Local 45 in November, 1938; Dutch Dowler, initiated by Local 508 in January, 1938; Ray Austin, initiated by Local 842B in February, 1938; H. C. Duncan, initiated by Local 45A in November, 1936; Lewis Hicks, initiated by Local 45 in August, 1936; Henry Imboden, initiated by Local 45 in June, 1937; Earl L. Johnson, initiated by Local 842 in September, 1938; Glenn King, initiated by Local 45A in October, 1936; Frank Mancebo, initiated by Local 59B in December, 1936; George Phillips, initiated by Local 235 in February, 1938; Ludwig Sjovalsen, initiated by Local 45 in October, 1936; Russell Webster, initiated by Local 45 in May, 1938; Othel Wilson, initiated by Local 59B in September, 1936; and D. I. Wimmer, initiated by Local 45 in June, 1937.

ENGINEERS NEWS  
Published monthly by Local Union No. 3 of the International Union of Operating Engineers, 474 Valencia St., San Francisco, Calif. 94101. Second class postage paid at San Francisco, Calif.



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PUBLISHED TO PROMOTE THE GENERAL WELFARE OF ALL ENGINEERS AND THEIR FAMILIES



Published each month by Local Union No. 3 of the International Union of Operating Engineers (No. California, No. Nevada, Utah, Hawaii, Guam.)—Subscription price \$2.50 per year. Office: 474 Valencia St., San Francisco, Calif. 94103  
Advertising Rates Available on Request

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# Brothers Choose Marr Scholarship Award Rules Announced For 1973-1974

(Continued from Page 1)

## OPERATING ENGINEERS LOCAL UNION NO. 3 RESULTS OF ELECTION OF OFFICERS AND DISTRICT EXECUTIVE BOARD MEMBERS NOVEMBER 1973 OPPOSED CANDIDATES

	Number of votes
<b>Business Manager</b>	
Martin W. Casey	969
Norris A. Casey	5,948
Paul Edgecombe	3,763
Dale Marr	6,093
<b>President</b>	
Harold Huston	6,379
John B. Norris	4,866
F. O. (Fran) Walker	3,941
George Walker	179
Harold Walker	773
Lloyd Walker	69
Ralph H. (Dick) Walker	99
<b>Vice President</b>	
Orin W. George	3,200
Don Luba	5,142
Bob Mayfield	7,852
<b>Recording-Corresponding Secretary</b>	
T. J. "Tom" Stapleton (Incumbent)	6,141
Richard J. Connell	2,783
C. R. "Chuck" Ivie	1,165
James "Red" Ivy	6,363
<b>Financial Secretary</b>	
Jerry Bennett	2,871
Harold J. Lewis	6,720
Arthur Walker	2,819
Aster Whitaker	3,585
<b>Treasurer</b>	
Don Kinchloe (Incumbent)	6,579
Gail Bishop	3,638
Leland E. Ellison	5,712
<b>Trustees (Elect 3)</b>	
Tom Bills (Incumbent)	7,539
Bill Adams	2,457
Lou V. Barnes	3,991
Dale Beach	5,802
Bob Daniels	4,926
Kenneth M. Green	6,931
Pat O'Connell	6,495
Dick Weigel	3,838
<b>Auditors (Elect 3)</b>	
Walt Talbot (Incumbent)	8,630
Dick Bell	7,659
Russell D. Halero	2,909
A. G. (Al) Hansen	6,962
Mike Womack	6,747
Dennis Wright	7,717
<b>Guard</b>	
Ken Bowersmith	7,525
Mike Kraynick	7,880
<b>District Candidates</b>	
<b>District No. 1:</b>	
Gil Hager (Incumbent)	426
Ray Helmick	541
Charles Shafran	89
Herbert (Herb) Stone	183
<b>District No. 2:</b>	
Ted N. Mason (Incumbent)	1,079
Tee Zhee Sanders	1,302
<b>District No. 7:</b>	
Laurance R. Sackett (Incumbent)	213
Joseph Ames	387
<b>District No. 9:</b>	
Bid Dick Miller (Incumbent)	733
Max Weaver	852
<b>District No. 10:</b>	
Garth A. Patterson (Incumbent)	424
Charles "Chuck" Smith	467
<b>District No. 11:</b>	
Ed Jones (Incumbent)	516
Bill Heinz	323
<b>District No. 12:</b>	
Kay Leishman (Incumbent)	557
James Cologne	127
Ray Lewis	113
Mavin Mills	77
Don Strate	352

## UNOPPOSED CANDIDATES

<b>Conductor</b>	Ray Cooper (Incumbent)
<b>District No. 3</b>	Merle W. Isbell (Incumbent)
<b>District No. 4</b>	Don C. Dillon (Incumbent)
<b>District No. 5</b>	A. E. "Jack" Lofton (Incumbent)
<b>District No. 6</b>	Jack W. Slade (Incumbent)
<b>District No. 8</b>	Henry Willesen
<b>District No. 17</b>	Shoichi "Mala" Tamashiro (Incumbent)

ing removed from the mail box at 10 a.m. Employees of Price Waterhouse and Co. then began checking the eligibility of each ballot.

The first returns were not posted until 4:45 p.m. because of the time-consuming nature of the eligibility checking process, which invalidated 107 ballots of 17,094 cast, and because of several problems which developed in the ballot counting machines.

The ballot counting machines were finally certified, however. This was done by running a group of test ballots prepared by Price Waterhouse & Co. through the counting machines. In addition, Election Supervisor Jack Jordan of the U. S. Department of Labor and his associates hand counted the first 100 ballots to test the accuracy of the mechanical counters.

Early returns for the race for business manager showed the see-saw contest which was to remain extremely close until the final ballots were counted. With three districts counted Casey led Marr by 139 votes; after six districts had been tallied the lead had switched with Marr 124 votes ahead. After nine districts had been counted Marr's lead had been reduced to 25 votes and later Casey pulled ahead by seven votes.

About 10:30 the final machine count was posted showing Marr leading by 115 votes. But another 243 ballots had to be counted by hand because they were damaged in such a way that they could not be counted mechanically. This hand counting gave Marr a victory with 6,075 votes to Casey's 5,943.

On November 27 a hand recount was requested and all eligible ballots were recounted for the office of business manager. Also, ballots from District 9 were recounted for all races. This final recount showed Marr with 6,093, Casey with 5,948, Edgecombe with 3,763 and Martin W. Casey with 969.

On November 28 at 11:20 a.m. Price Waterhouse certified the election, making the results final except for a 10-day period in which protests could be lodged. (See letter, page 2)

Marr, who will take office in mid-December, said that he believes that patching up any schisms caused by the 1972 election and its re-run should be his first order of business.

"The sooner we bring this union back together, the sooner we will be able to implement programs for the benefit of the entire membership," he said.

Overall, incumbents fared poorly in the re-run election. Of the 11 races in which incumbents were entered and faced opposition they retained their offices in only five.

Also, younger candidates proved very strong. Vice-president elect Bob Mayfield, 36, became the youngest man ever to hold a major office in Local 3.

Throughout the duration of the election, precautions were taken to assure that there would be no grounds for complaint or protest. Election Supervisor Jack Jordan was given copies of all campaign material before it was sent to members and Department of Labor representatives care-

Two college scholarships of \$500 each will be awarded for study at any accredited college or university, one award to a son and one to a daughter of Members of Operating Engineers Local 3.

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 in themselves rule out scholarship aid from other sources.

### Who May Apply:

Sons and daughters of Members of Local No. 3 may apply for the scholarships. The parent of the applicant must be a member of Local 3 for at least one (1) 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 either (1) the Fall Semester (beginning in 1973), or (2) the Spring Semester (beginning in 1974), in public, private or parochial schools who are planning to attend a college or university anywhere in the United States during the 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, 1973 and March 1, 1974.

### Awarding Scholarships:

Upon receipt of the application and required forms, Local No. 3 will verify the membership of the parent. The application will then be submitted for judging to a University Scholarship Selection Committee, an independent, outside group composed entirely of professional educators.

Apart from verifying the eligibility of the applicant, Local No. 3 will not exercise any choice among the various applicants or indicate in any way that one applicant should be favored over another. Based on factors normally used in awarding academic scholarships, the University Scholarship Selection Committee will submit to the Local 3 Executive Board recommendations for finalists. The list of potential winners and their qualifications will be reviewed and studied by the Executive Board and the scholarship winners selected.

Scholarship winners will be announced as soon as possible, probably in either May or June, and a check for \$500 will be deposited in each winning student's name at the college or university he plans to attend.

### Instructions:

All of the following items must be received by MARCH 1, 1974.

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 or person he designates and returned directly to the Local No. 3 by the officer completing it.

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 No. 3.

4. **Photograph** — A recent photograph, preferably 2 inches by 3 inches, with the Applicant's name written on the back. (Photo should be clear enough to reproduce in the *Engineers News*.)

It is the responsibility of the applicant to see to it that all the above items are received on time and that they are sent to:

James "Red" Ivy,  
Recording-Corresponding Secretary  
Operating Engineers Local Union No. 3  
474 Valencia Street  
San Francisco, California 94103,  
or to College Scholarships at the address shown above.

## OSHA Inspections Reported

The Department of Labor has reported that the Occupational Safety and Health Administration (OSHA) conducted 6,048 inspections during September, 1973.

Assistant Secretary of Labor

fully screened the *Engineers News* to prevent bias in any articles.

On the day the ballots were counted Jordan presented a statement saying that the election had been conducted fairly to the principal candidates, which they signed.

Accurate counting of the ballots was also assured by various means, mentioned above. Two ballot counting machines were present so that if one should break down another could quickly be put into operation.

John H. Stender, who heads the federal job safety and health agency, said 3,688 citations were issued in September alleging 18,813 violations of job safety and health standards. Proposed penalties totaled \$477,609.

From its inception April 28, 1971, through September, 1973, OSHA made 98,852 inspections resulting in 63,270 citations alleging 315,049 violations, with proposed penalties totaling \$8,441,911.

Of that amount, \$5,863,589 has been remitted to the Secretary of the Treasury. The balance represents funds not yet collected, plus penalties proposed by OSHA that were reduced by order of the independent Occupational Safety and Health Review Commission after employer appeals.

# A Long Day Of Counting Reveals The Members' Choices



THE BOARD TELLS THE STORY—In top left photo Price Waterhouse employees check up on ballot returns near the end of the counting. Earlier, ballots had been removed from the post office box and taken to the California Hall. In top right photo Election Supervisor Jack Jordan (right) of the U.S. Dept. of Labor watches as Jeff Ferries (in checkered coat) begins the unloading procedure. Also in the photo, to Ferries' left, is Election Committee

member Floyd Webb. In the two center photos Price Waterhouse employees begin the unloading and validating procedures. In lower left photo Election Committee Chairman H. L. Spence (right) talks to George Smith and Harold Huxley of the Dept. of Labor. Candidates watch as the first 100 ballots are hand counted to assure the accuracy of ballot counting machines in bottom right photo.



**ELECTION COMMITTEEMEN** G. D. McDonald and D. O. Hawkins (center and right) look on as John Davi of Diamond International Corp. checks a ballot return, in left photo. Diamond International supplied and operated the ballot counting machines. In photo at right Election Committeemen

watch the hand recount on November 27. From left to right are Francis Rocha, Anthony Madeiros, Lester Hodge and G. D. McDonald. Seated are Election Supervisor Jack Jordan and Jack Stump of the Dept. of Labor and a Price Waterhouse employee.



**THE WINNER!**—Jeff Ferries of Price Waterhouse (second from right) hands the certification of the election to Election Committee Chairman H. L. Spence. From left

to right are G. D. McDonald, James "Red" Ivy, Tom Eaton, Dale Marr, Ferries and Spence. The certification was completed by Price Waterhouse & Co. on Nov. 28.

## Grievance Committee Rules On Election Are Announced

### 1974 ELECTION OF GRIEVANCE COMMITTEEMEN

Local 3's Recording-Corresponding Secretary has announced that in accordance with Local 3 By-Laws, Article X, Section 10, the election of Grievance Committeemen shall take place at the first regular quarterly district and subdistrict meetings of 1974. The schedule of such meetings at which the Grievance Committee members will be elected is as follows:

All meetings at 8:00 p.m. except where time is indicated.

#### DISTRICT AND SUB-DISTRICT MEETINGS:

Dist. No.	Meeting Location
4 Eureka	Engineers Bldg., 2806 Broadway Eureka ..... Tues., Jan. 15—8:00 p.m.
7 Redding	Engineers Bldg., 100 Lake Blvd., Redding ..... Wed., Jan. 16—8:00 p.m.
6 Oroville	Prospectors Village, Oroville Dam Blvd., Oroville... Thurs., Jan. 17—8:00 p.m.
17 Honolulu	Washington School (Cafetorium) 1633 S. King St., Honolulu ..... Wed., Jan. 23—7:00 p.m.
17 Hilo	Kapiolani School, 966 Kilauea Ave., Hilo ..... Thurs., Jan. 24—7:30 p.m.
1 San Francisco	Engineers Bldg, 474 Valencia St., San Francisco ... Wed., Jan. 30—8:00 p.m.
3 Stockton	Engineers Bldg., 2626 N. California St., Stockton ... Tues., Feb. 5—8:00 p.m.
2 Oakland	Labor Temple, 23rd St. & Valdez, Oakland ..... Thurs., Feb. 14—8:00 p.m.
5 Fresno	Engineers Bldg., 3121 E. Olive St., Fresno ..... Tues., Feb. 19—8:00 p.m.
8 Sacramento	C.E.L.&T. Bldg., 2525 Stockton Blvd., Sacramento ... Tues., Feb. 26—8:00 p.m.
12 Salt Lake City	1958 W. North Temple, Salt Lake City ..... Fri., Mar. 15—8:00 p.m.
11 Reno	124 West Taylor, Reno ..... Sat., Mar. 16—8:00 p.m.
10 Ukiah	Grangé Hall (opposite 101 Motel) State St., Ukiah .... Thurs., Mar. 21—8:00 p.m.
9 San Jose	Labor Temple, 2102 Almaden Rd., San Jose ..... Thurs., Mar. 28—8:00 p.m.

#### Article X GRIEVANCE COMMITTEES

##### Section 1—District and Sub-district Grievance Committee

(a) There shall be a Grievance Committee in each District and Sub-district. It shall consist of five (5) Members—one (1) District Executive Board Member, or Sub-district Advisor, if a Sub-district, one (1) District Representative or Sub-district Representative, and three (3) Delegates, who shall be registered voters in the District or Sub-district, elected by the Members.

##### Section 4

No Member shall be eligible for election, be elected or hold the position of Grievance Committee Delegate: (a) unless he is a Member in good standing in the Parent Local Union and a registered voter in the District or Sub-district in which he is a candidate when nominated; (b) unless he was continuously a Member of the Parent Local Union for not less than two (2) years next preceding his nomination; (c) if he is an Officer of, or is on the full-time payroll of the Local Union; and (d) if he is an owner-operator or a contractor.

No Members shall be nominated unless he is present at the meeting, or unless he has filed with the Recording-Corresponding Secretary a statement in writing, signed by him, to the effect that he is eligible to be a Grievance Committee Delegate and will accept the nomination if nominated.

##### Section 10

The term of office for the three (3) Delegates of the Grievance Committee shall be for one (1) year, and the election shall take place at the first District or Sub-district Meeting of the year in each respective District or Sub-district.

## Wives Unite Against Shut Down Attempt

The wives of employees at Lone Star Industries, Sacramento, have joined together to battle against efforts to shut down a major supplier of aggregates in Sacramento County.

Their group is known as Women for Economy and Ecology.

The Company hopes to build a new plant on remote Aerojet property southeast of Rancho Cordova and the Highway 50 freeway, and has appealed for a use permit from the Sacramento County Board of Supervisors.

The residents of the Rancho Cordova community are up in arms and base their objections on fears concerning the effect of the plant on the environment. Lone Star has employed a highly respected engineering and planning firm, Environ, which has done extensive testing on potential ecological problems, and has developed solutions. Additionally, a report by the State Department of Geology and Mines indicates this is the largest single source of high-grade quality aggregates in the county.

"People in Rancho Cordova

have turned a deaf ear, and refused to listen to the facts," said Mrs. Maria Brugger, chairman of the group. "Instead, they have evaluated the situation strictly on an emotional basis. Though perhaps sincere, the residents have been mis-informed and misled."

Plans for the Lone Star plant call for the facility to be built in the middle of a 1700 acre parcel, at least one mile from the nearest community residence. The land is zoned for aggregate production in the County General Land Use Plan. The land will be graded as a gradual descent to a 25-foot base, and when done, will be ready for future industrial park utilization. There will be a buffer zone around the total perimeter of the site. County departmental staff will have full control over the operation of the plant and can impose working conditions and regulations to guarantee dust and noise prevention.

"If the company loses this battle, much more than just the jobs of Lone Star employees will be lost as aggregate material is basic

to all construction and future County development," said Mrs. Brugger. "This is a problem which affects the entire construction industry, and should be recognized as such. We are very concerned that if citizens block the construction of this plant, then other suppliers of vital materials may be subjected to the same kind of emotionalism."

"We feel that it is important to the future of our county that all industries be allowed to prove their compatibility with the concerns of society for preserving our environment."

The group invites the participation of other wives or interested parties, in this effort. Petitions are being circulated and letters are being written to the Sacramento County Board of Supervisors, encouraging them to weigh all the factual evidence before making their decisions. Those wishing information may contact Mrs. Brugger by telephone (916) 966-2486, or in writing at 5626 La Field Drive, Fair Oaks, California 95628.

## Utah Employment Up 4.9 Pct.

Employment estimates for October, 1973, show that Utah's payroll employment grew by 4.9 per cent from the previous October, according to the newsletter of the Utah Department of Employment Security.

The newsletter said that the 4.9 per cent increase meant about 20,000 jobs.

"This current year-over growth rate reflects a slowdown in employment growth that has

occurred in recent months, both nationwide and in Utah," the newsletter said. "However, in view of the record growth spurt of 1972, a slowdown to a more sustainable pace was inevitable."

The letter said that even in the midst of the present slowdown, Utah's current growth rate is still higher than the 4.1 per cent peak attained by the nation during the recent employment boom.

# Engineer's Idea May Be An Energy Windfall

With an impending energy crisis which could mean gas rationing, brownouts, blackouts and other serious conditions, and the nation's legislators searching frantically for answers to the problems, one operating engineer has come up with a system which might prove to be a partial solution.

Alfred Wiebe, 55, of San Francisco, has developed a method of using trees to produce energy—not by burning them, but by drawing power from the movements they make as they blow in the wind.

According to Wiebe, he first got the idea in 1957 when he and his brother, Leonard, were pulling trees in the Berkeley Hills. After cutting the roots of one huge eucalyptus and attaching a cable 125 feet up its trunk, the two men applied the equivalent

of 12 tons of pull to the giant. But a wind began blowing in the opposite direction and the best they could do was rock the tree back and forth.

It was then that Wiebe began to consider the possibilities of using the reciprocating motion of the cable to do work.

"At the time it was an economic crime to mention it, though, because it would have put people out of work," he said.

But with the energy crisis Wiebe once again began considering the possibilities of his plan. On the Saturday after last Thanksgiving he went to the Sierras and measured the movement of a large evergreen.

"I looked at one of the tall trees and noticed by the shadow that the tree moved five to six feet in the wind," he said.

He then developed 20 different methods to convert the reciprocating movement of a cable attached to the tree into usable power.

Wiebe explained one of the methods using simple examples.

The cable from the tree could be attached to an upside-down bicycle so that the reciprocating motion would pump the bicycle. The bicycle would be equipped with a generator light — the turning wheel would turn the generator and the generator would power the light.

This, of course, is only one example of how the power could be utilized, he said.

Another, more ambitious, project involves the heating of an entire house. The idea for this, according to Wiebe, is patterned after a technique he and his brother used in Kansas to reduce the bite of the cold winter nights there. The method they used was to place about 50 feet of wire in the feather beds in which they slept and then hook the wire to the cigarette lighter of their car. The wire became hot and heated the beds so that they could get in comfortably.

The house heating technique consists of filling 12-foot deep holes beneath the house with wire and heating the ground to

120 degrees using electricity from generators powered by tree motion. In addition, said Wiebe, the house could be surrounded with a hot house. The warm ground would make year-round cultivation possible and, in addition, the hot house would provide added insulation to the living quarters.

According to Wiebe, the number of trees needed to provide the power for a given task depends upon the type of trees used. The eucalyptus is about the best and the oak the worst, he said.

"Two city lots of eucalyptus trees would produce enough electricity to power an entire house, including a hot house—about 20 gallons of diesel fuel per day," he said.

Wiebe's method would certainly be economical. Where a windmill would cost about \$400 to construct the tree motion device could be set up for about \$4 using discarded and junk materials, he said.

The device could also be set up without harm to the trees.

"In Berkeley we wrapped the cable around the tree, but this damaged the bark," he said. "Instead you could use a lag screw, which would not harm the tree."

Wiebe said that the lag screw method has been approved by the Sierra Club. In addition, he is awaiting information on the effect of his method on the root structure of trees.

According to Wiebe, his method has started to attract some attention. He has discussed the idea with California Assembly Speaker Bob Moretti and a large outdoor sign company is scheduled to test the method on one of its billboards in San Francisco in the near future, he said.

Wiebe has developed several methods of storing the energy produced, all using discarded equipment. The best and simplest is the fact that the ground beneath a house will hold considerable heat for 10 days, he said. The others involve such techniques as pumping water to a higher elevation so that it may be released to turn waterwheels in times of no wind.

Wiebe said that he will not build one of his devices and patent it.

"I think I'll leave it open to the public," he said.

## More Redding

(Continued from Page 1)

Where an employee who has established seniority is unable to report to work on his regular shift because of jury duty he will, after furnishing written proof of such service, be paid the difference between the jury pay and the amount he would have been paid if he had worked an eight-hour day. Employees who are called for examination for jury duty or who serve on jury duty by being impanelled in a jury box and actively serving as a juror, will be paid the difference between jury pay and their straight time pay lost up to a maximum of 30 days per year.

Day shift employees called for jury duty or examination and excused by the court before noon will return to work for the rest of their day shift and will be paid the difference between the jury or examination pay and their straight time pay lost. Swing or graveyard shift employees called for jury duty or examination and excused by the court prior to noon shall report for their regular swing or graveyard shift and shall not be eligible for any jury pay. However, these employees will not be required to attend jury duty in the daytime and work swing and graveyard shift on the same calendar day. In these instances the employee will be paid the difference between their jury pay and their straight time pay lost.

An employee who is temporarily laid off for 45 days or less will receive jury duty pay if he is unable to return to work after recall if he is on jury duty. This is provided that the employee reports for work on completion of his jury duty and that he is not eligible for jury duty pay from any other employer.

The union will have the right at all times to discuss with the employer conditions which may be considered detrimental to the safety and health of the employees. The union shall cooperate with the employer in the carrying out of all such employer's safety measures and practices for accident prevention not in conflict with the provisions of the agreement. Employees shall report any defects in equipment on a form to be provided by the employer and the employee shall keep a duplicate copy.

No employee will be fired for refusing to work on or about equipment or in a condition that has been found to be unsafe by an authorized representative of the appropriate State or Federal safety agency. The employer must post the names and addresses of its doctors and of the workmen's compensation insurance carrier on the jobsite.

The employer will make available protective rainsuits to employees assigned to work in the rain to operate and maintain the plant.

No dispute, complaint, or grievance concerning the interpretation, application, or compliance with any provisions of Section 04.00.00 (dealing with hiring) and 01.08.00 (dealing with additional work or classifications) is arbitrable.

## For Tech Engineers

### OSHA First Aid Courses Scheduled

In the past few weeks, we have met with many Tech Engineers and employers to discuss the Occupational Safety and Health Administration (OSHA) Program.

Researching the new law, we find that one of the requirements is the availability of a person trained in first aid.

"In the absence of an infirmary, clinic, or hospital in the near proximity to the work place, which is used for the treatment of all injured employees, a person or persons shall be adequately trained to render first aid," the law reads. "Training shall be equal to that of the U. S. Bureau of Mines or American Red Cross."

Virtually every Tech Engineer is affected by this law.

In order to meet this requirement, your union, in cooperation with your employer and through the surveyors training program is setting up a program for first aid courses. These courses will be held at various locations in California to accommodate the member as near to his home area as possible. Every Tech

Engineer should encourage every other Tech Engineer to get the first aid training.

Knowledge obtained from the first aid course will be yours not only during working hours, but 24 hours a day. A benefit not only to your co-workers, but to anyone—family, friend, stranger

—who might require help in an emergency.

Those of us who have had accidents in the past know only too well the financial loss (BONES HEAL - POCKET-BOOKS DON'T).

LET'S DO OUR PART FOR SAFETY!

#### TECH ENGINEERS IMPORTANT NOTICE

##### SCHEDULE OF FIRST AID COURSE FOR TECH ENGINEERS

Location	Place	Date	Time
Sacramento Area	Rancho Murieta Training Center	January 19, 1974	8 a.m.
San Rafael	701 Mission	January 26, 1974	8 a.m.
San Mateo	50 North "B" Street	February 2, 1974	8 a.m.
San Jose	Room 48, San Jose City College, 21 Moor Park Ave.	February 9, 1974	8 a.m.
Oakland	1444 Webster Street	February 23, 1974	8 a.m.
San Francisco	474 Valencia Street	March 2, 1974	8 a.m.



BEFORE AND AFTER—These two photos show the remodeling recently completed in the San Francisco office. Space



which formerly housed several offices was renovated so that the area could be devoted to the files department.



VOL. 3—NO. 12

SAN FRANCISCO, CALIFORNIA

DECEMBER, 1973

## In Santa Rosa District

# Apprentice Injured By 5-Yard Loader

By BRAD DATSON,  
Coordinator

The big news in the district is weather. The first week in November brought heavy rain to the district so that all but six are on the out of work list. It is a real come down from the 84 apprentices who were working just one week earlier.

About 1 month ago, we had a real tragedy. Robert Hughes, a first period apprentice was crushed by a large (over 5 yards) rubber tired loader. His body is broken from the waist down. Each of us is in charge of ourselves, so think about your body and ask yourself if you will do what is needed to protect your body, even if it means lost wages, or not following the orders given by a boss if they seem unsafe to you. Robert Hughes attended our safety meeting on Sept. 13, yet was crushed within three weeks. It doesn't take very long to forget to be careful.

The State of California has a new safety program to help you get your boss to run a safer work place. They can only do their job of helping you if you will do your job and let them know where and when a safety problem exists. Call 542-8802 in Santa

Rosa and tell whoever answers what and where. They will do the rest.

The Governor has signed a new unemployment insurance bill which raises the maximum to \$90 per week. Everyone who opens a new claim after January 6, 1974 and who has made over \$2700 in his highest earnings quarter will be receiving this benefit. We can all thank our union officers and members who worked hard to get this bill passed.

All of the apprentices are reminded to be in compliance with all of the rules of their program and to make sure that their standing with their union is kept up. Check with your coordinator if you have questions about the apprenticeship rules and with Bill Best or Alice Sutton in the Union office about your union standing.

1—Be very careful to send in a time report slip or card by the 8th of each month whether you have hours to report or not.

2—Attend all safety meetings. The next one is December 13 in Santa Rosa at 7:45 p.m.

3—See your coordinator about going to Rancho Murieta for two weeks related training once or twice this winter.

4—See Bill Best (your union

dispatcher) about going to Rancho Murieta for equipment training when you are not working. Take instruction on a piece of equipment, such as a blade, which is hard to get your employer to put you on. Turn your time in on your monthly report card as if you had gotten the time working for a contractor.

5—Last, but most important, the apprentice subcommittee will be calling in all apprentices who do not comply with the out of work list rules.

They are as follows; A.—Whenever for any reason you are not working on a work day, call the dispatcher and get on the list; B.—Whenever you go back to work for your last employer, even for just one day, call the dispatcher and get off the list.

When off work, get on the list that day. When working get off the list that day. This can all be done by phone. Call the dispatcher at 546-2487.

I sincerely hope that we have as much work weather as possible this winter so that you can make all the money and get all the training possible. If you have problems or questions, call the coordinator at the office, 544-8011, or at home, 539-1211. Good luck to all of you.

## Dist. 3 Gets New Coordinator

By BOB BEALL

The new coordinator for District 3 is Bob Beall. His territory covers San Joaquin, Calaveras, Amador, Alpine, Stanislaus and Tuolumne Counties.

Beall has been the dispatcher in the Modesto office for the last six years and feels this experience will be of mutual benefit to the apprentices and the journeymen he meets on the jobs.

This month two apprentices from Stockton have completed our apprenticeship program and are now full-fledged journeymen. Our congratulations to Richard Tucker, S. M. McGaw, and Victor Ginochio, Claude C. Woods Co. These two men are both heavy duty repairmen.

Our congratulations must also go to the journeymen who took the time to train these two men, for without their help, the apprentices could never finish the program.

The apprenticeship program is one of the most effective ways to secure the training and skilled labor necessary to assure the construction industry of high quality journeymen. One gets out of the program just what one puts into it. Without a doubt the young engineer of this day and age, in order to get every

ounce of knowledge out of the program, must have a good attitude that is, being able to complete the assignment without undue repetition of instructions. He must have a willingness to learn. He must get to work on time. An apprentice that is continuously late for work is not only doing himself an injustice but he is also giving the apprenticeship training program a black eye. Being continuously late is grounds for immediate dismissal.

Last but by no means least you must work in a safety-conscious manner. Like so many things in the apprenticeship program, this can be used both on and off the job. An apprentice that is crippled or killed on the job is of no value to his employer. I realize that these statements sound basic and primary, but they are the foundation for building a good future in the construction industry.

Upon visiting the jobs in District 3 I have already come in contact with men who have gone through the apprenticeship program in years past. These men now not only hold down journeymen operator jobs but also hold the positions of master mechanic, foremen, and superintendent.

## Apprentice Systems

### Notebook

By JACK H. McMANUS  
Administrator

It is the pleasure of the Joint Apprenticeship Committees and their staffs to wish you and yours the best of holiday seasons and Christmas cheer, with the sincere hope that the coming New Year will be most favorable for you and yours.



Jack McManus

is formed and operated to serve the best interests of the local communities, the local industries and the people involved.

The workshops at the conference embodied such things as G.S.A. material, equal employment opportunities, affirmative action programs, as well as all the aspects of training including visual aids and the development of new materials through the International office in Washington, D.C. It was a very informative conference and of benefit to all who attended.

We anticipate a large influx of people at Rancho Murieta Training Center who will be unable to work due to either the energy crisis and/or the weather. For those of you who plan on attending the training center during the winter season make sure that you apply early enough that space may be available to accept you because space is allocated on a first-come first-served basis. In making your plans for attendance, take into consideration that the training center will be closed for the Christmas and the New Year's holidays and will not be available to those seeking training.

Classes for apprentices at the training center are increasing daily and we are currently running at the rate of 40-plus apprentices per day in addition to the journeymen who avail themselves of the opportunity to retrain. The training offered includes American Red Cross first aid training as well as preparation for drivers' licenses to the applicable states.

It might be of interest to many of the operating engineers as well as to the new crops of apprentices as they come through the training program that we have added the training tool that has been most beneficial in the instruction of apprentices and journeymen. Believe it or not, fellows, we have gone back to the "sand-box" and we find it is one of the most instructive tools that we could possibly put together. It gives the opportunity of illustrating any story or description of what you are trying to build far better than words can. If you are going to illustrate a one-and-a-half to one slope on a double compounded curve it can easily be shown in the sand-box using the toys that we have purchased to illustrate making roads and dams and cuts and fills and any other type of earthmoving operations. Don't laugh at it but instead experiment with it and you, too, will find you can learn much much more by illustrations and conversation.

We are presently increasing the visual instruction at Murieta by the use of hydraulic boards. These will be visual exhibits showing the flow systems of hydraulic operation and the principles involved. By the use of colored fluid, the flow system can be charted. By the use of the various valves, the divergence of these fluids and the transmission of power can be illustrated. Once again, it is a training tool and not a toy.

Through the good offices of the educational systems of the four states involved, Nevada, Utah, Hawaii and California, and working with Mr. Mike Collins at the International Union of Operating Engineers, a J.A.C. staff member from Washington, D.C., we are attempting to implement an approved "dual enrollment" program that may be operational at the beginning of the fall semester in the respective state educational programs. We hope sincerely that this may be worked out in the various school systems to allow people progressing and completing the apprenticeship program to receive some credit toward a college degree, if they choose to pursue it in their own area at their own option. This has not been finalized but is only to indicate that your J.A.C. is working toward that end.

Once again, the season's greetings, sincerely,

## This Is The Season For R.M.

By FRED LOYA, Coordinator

This is the time of year when many apprentices should be concentrating on attending Rancho Murieta Training Center to further their knowledge and ability with and about types of equipment that come under their branch of training.

The advantage of the training program, is that you get the same effect as if you were working on a job site for a contractor. In addition you get related classroom instructions by qualified instructors. An apprentice can take advantage of R.M.T.C. for up to six weeks per calendar year.

For new indentured apprentices that are laid off because of bad weather, this is an ideal time to get your American Red Cross first aid card, prepare for and acquire your class 1 driver's license and get the 80 hours of related training required to advance to your second period of training in the apprentice program. The coordinator can submit a request for an apprentice to be advanced once the apprentice has returned to work and completed either 400 or 1000 hours in first period depending on the apprentice's branch of training and providing he has met all other requirements.

## Rain Halts Work For Oakland Apprentices

By JAY BOSLEY,  
Coordinator

It looks as though work in District 20 is starting to slack a little due to the wet weather we have been having. At the time of this writing, for the fall season, we have had in excess of five inches of rain. A good many of the Oakland apprentices have enjoyed a late, but active season this year.

Winter isn't all bad. Now is a good time to fulfill related training requirements at Rancho Murieta Training Center. Taking care of this business now could insure an uninterrupted spring in 1974.

Winter is also a good time for concerned citizens to get together. Work in this area could provide a little something to do next spring in terms of employment.

Congratulations to the following: Terry Lane, on the birth of a nine-pound boy. And Rick Stephens, Stan Smith and Joe Tarin, upon being accelerated to journeymen by the Standing Committee.

In closing, we of the Joint Apprenticeship System, with holidays just around the corner, would like to extend sincere good wishes to all.



BROTHER TED BURNETT, Equipment Manager for Underground Construction Co., discusses apprenticeship with Underground employees Barry Evergettis and Apprentice

Mechanic Jim Tomlinson. Burnett, who has been a member of Local 3 since 1954, is responsible for the training of apprentices in Underground's shop.

## Oil Exports Aggravate Energy Crisis

By JACK BULLARD,  
Business Representative

The bottom dropped out of our work with the advent of the rains. Surveying fell off badly almost a month before the rains, for that matter. The early drop in survey construction staking before the rains is a bad forecast for further construction, as you well know.

Sorry to lay this prediction on you in our Christmas issue, gentlemen, but that's what we see. As you know, this isn't our only problem. The energy crisis suggests we won't have fuel to run the equipment when we do have projects to build.

My entire reason for writing the gloomy paragraphs above is to point out the following fact—we are presently exporting almost three times as much oil this year as we did last year from the United States to foreign buyers. We exported 18.8 million gallons at this time last year compared to 53.3 million gallons at this time this year! Companies here in the U.S. are selling oil from the United States because it is more profitable to them. Does this make sense to you? Your families and mine will have colder houses this year, and you will sit idle while there's work to be done, while our nation's oil is being sold at a profit by companies who got rich in the U. S.!

Still, we've heard little protest from our elected representatives in government. Are you interested in saving your jobs by writing your elected representatives? Leave your name and telephone number at the San Jose office, Tel. 295-8788, or at our Salinas office, 422-1869. I'll contact you

immediately. Let's save our American oil for our own interest! Call our office now!

We ran into Dave Vogel at the Santa Cruz Aggregate plant in late November. Hadn't seen him since he and his engineer dad, A. Vogel, were with Johnny Veitch. Cal Jolley and his son are both engineers there, and Bill Souza is steward.

Jerry Schieffer was at Felton Quarry same day, he's steward.

Dick Bell, District Representative, has assigned me to Kaiser Moss Landing, and Kaiser Natividad. These assignments are in addition to Kaiser Permanente, where I've represented you for over 2½ years. That suits me just fine, and the assignment comes at

an opportune time. We negotiate a new agreement next year.

All crafts with agreements in the plants noted above met December 11 this year to discuss preparations for the 1974 negotiation. Please start putting your ideas for the 1974 contract on paper now, so we'll have our ducks in a row in early Spring. Give your written thoughts to your steward.

Joe Kuczler, steward, testing engineers, has discussed Senate Bill No. 165 with us. This bill refers to registered construction inspectors. It has been passed in the Senate, and signed by Governor Reagan. More on this in the January 1974 issue.

## Dual Enrollment Program Possible

By JOHN THORNTON,  
Coordinator

A very important meeting was held in Salt Lake City during the month of November between Jay Nelson, President of the Utah Technical College, Mike Collins, Staff Representative of the National Joint Apprenticeship Training Committee (I.U.O.E.) and your Administrator, Jack McManus. The meeting, held in conjunction with the Rocky Mountain Apprenticeship Conference, was called to explain and discuss the possibility of including a "Dual Enrollment Program" whereby an apprentice could earn college credits toward an Associate Science Degree in Operating Engineering, in our Utah Apprenticeship program.

The new Dual Enrollment Program is proving successful in its second year at Dickinson State College, North Dakota. We are very enthusiastic and hopeful that this program can be implemented at Utah Technical College as we feel that it would provide a wonderful opportunity to every

apprentice who so desired to take advantage of the program.

Manuel Padilla, C.O.P., and Clarence Watson HDR, have now been advanced to journeyman status and are to be congratulated.

In spite of the recent storms, approximately 65 per cent of Utah's apprentices are working. If this is a mild winter, as predicted, perhaps most apprentices will be able to work more hours than last year.

Congratulations are certainly in order to the newly elected officers of the Local Union from the apprentices and Apprenticeship staff. We are confident the officers will receive support from the apprentices in making our organization even greater.

At its regular quarterly membership meeting on November 27, members from Sacramento District No. 8 elected Brother William Prawl to serve the balance of a term for Grievance Committeeman which was left vacant by resignation.

## Half Of Apprentices In Dist. 80 Still Working Despite Much Rain

By JIM THOMAS,  
Coordinator

The workload in District 80 has suddenly become very light due to the recent rains.

M. L. DuBach, Ball Ball & Brosamer, Rodani, and Polich Benedict have curtailed their 15 operations, putting six apprentices back on the out of work list. Bechtel's Rancho Seco work force has also been reduced putting another two apprentices out of work. Joe Vicini is still going strong in their Placerville Shop, as is Teichert & Granite, although most of Teichert's field work is temporarily down. H. B. Investments have set up a portable crusher just above flight strip, but the snow is too deep to get back to

it. R&D Watson's Iron Mountain job is also snowed out.

Huntington Brother's Penn Valley job was going strong, but the rains have them down also, putting two more apprentices out of work.

Out of a total of 85 apprentices assigned to District 80 we have 43 still working or temporarily laid off, 36 on the out of work list, seven at RMTTC for related training and six on medical disability. The latest addition to the sick list is Brother Earl Herndon of Teichert Construction. Earl is laid up with a broken leg he received in a motorcycle accident. The report is that he will be unable to work for six to eight months. Any cards or letters can be sent c/o Sacramento Office, 8580 Elder Creek Road.

## Sac. Slowing

By JIM THOMAS  
Coordinator

The work in the Sacramento area is rapidly drawing to a close. We presently have 86 apprentices assigned to this area of which 70 are still employed.

Due to the recent rains that figure will just about reverse itself in the next few weeks.

The R & D Watson job at Iron Mt. is snowed out and the crews at Bechtel's Rancho Seco project are cutting back. We still have five apprentices employed on I-5 but that job too is cutting back for the winter. The long hard winters in this area are a well known fact of life to the journeymen but some of the new apprentices will find they suddenly have a lot of extra time on their hands. This time may well be spent at R.M.T.C. completing the related training segments of the program.

Even if you have completed the 320 hours related training there are still many hours to be constructively spent upgrading your skills. The food is good and the beds are warm and the equipment is ready so take advantage of it.

There still seems to be some confusion about the court group time report cards. These cards are not being received in the Sacramento office on time. As most of you know by now our computerized print-out system isn't quite computerized or maybe it isn't systemized. Whatever the problem is it can't be worked out until everyone does what they are supposed to.

One of the most important things that the apprentice has to do is be sure that the San Francisco office receives your time card by the 5th of the month and that your coordinator also gets his copy by the 5th. If something goes wrong at the computer end the only way we have of catching the mistake is by checking your hours against the pink coordinator's copy.

Another very important item is the white card you receive in the mail each month. If the record of your hours does not coincide with the white key punch card contact your coordinator. The method of record keeping in the apprenticeship program is becoming more and more complicated, but it can be worked out if everyone cooperates.

## Winter Best Time To Catch Up On Things

By ROBERT W. BEALL  
Coordinator

Once again we are going into the winter months, the time of the year when the leaves turn all the golden autumn colors of the season.

We know that the work is beginning to slow down. The rain has been upon us for a month or so, and most of the apprentices like the journeymen are around the house catching up on all the items they got behind on this summer.

We work hard all summer and most of us look forward to this time of the year to catch up on all the activities we enjoy most. We come to the hall to sign the out-of-work list and to meet with the other apprentices and journeymen that we have worked with on other jobs. It is nice to visit with other members and see what interesting jobs they have worked on during the summer, and at the same time talk to the dispatcher and business representative and see what jobs will be going on in the coming year.

Now that we are on the subject of having a little time off, many of the apprentices are getting to the point where they are going to have to go to Rancho Murieta, before they can be advanced to the next period. Now is a good time to get together with the co-ordinator and decide on a good time to go to Rancho Murieta. It is better for apprentices to get this time behind them rather than wait till they are in the middle of a good job working overtime and then find out that they have to go to R. M. Also for apprentices who don't need to go to Rancho Murieta for related training now is a good time to go to the ranch and develop the skills that are lacking. Apprentices are entitled to go to the ranch for six weeks a year beside the two weeks of related training, that is required between periods of training.

Now that the work has slowed down a little, it is a good time for apprentices to get together with the coordinator and discuss any problems that they might have whether it be with time card, job training, or whatever.

We would like to take this opportunity to wish you and yours the best of the holiday season and a prosperous new year. Let's hope we get lots of work next year.

### JAS News

VOL. 3—NO 12 DECEMBER, 1973

News and photograph copy appearing on pages seven, eight, nine and ten is paid for by the Joint Apprenticeship System.



**THE WANDERER**—Paul Tepsa, insert, and the Gradall he loans Rancho Murieta when he is out of the country. Tepsa has visited 18 countries in 27 years as an operating engineer.

## Murieta Gets A Gradall From Traveling Brother

Paul Tepsa is a man with itchy feet and a big heart. The itch has had him traveling all over the world to 18 different countries during his 27-year career as an operating engineer. His big heart was to leave behind his Gradall at Rancho Murieta Training Center so that others might learn new skills.

Northern California has always been his home, however, from Eureka, Santa Rosa, San Francisco, Watsonville, and now in San Jose. He's worked drag line, hoes, shovels mainly with a lot of rigging jobs, quarry foreman work, barge crane, dozer, scrapers and welding thrown in along the way. He weathered the boons of Venezuela, the quanset huts of Thule, Greenland, the Liberian Desert, storms in the Persian Gulf, icy decks in Korea, and the isolation of Iraq, "and he never gets sick from the strange food," his wife Raya explained. "But I worry about him when I can't go along."

Many of the job sites have poor communication and the safety regulation sometimes

doesn't exist.

"But he's a gypsy at heart," Raya said. He likes new countries. No sooner does he get back and works a few months then he gets a call from one of the big companies and off he goes traveling again."

"I've been thinking about Alaska," Paul added, "if I can hack it."

During one of his long stay-at-home periods, in 1965, he bought a used Gradall and replaced the gas engine with diesel himself. The idea was to become an owner-operator. But it wasn't long after that he got a call and went to Libia. The Gradall sat parked in the yard.

After he returned to the states he visited RMTTC in 1970 and the idea was born for letting the school use his rig while he traveled. He doesn't worry about it anymore because it's in good hands. The use of the Gradall has saved the program money and leaves Paul and Raya free to plan their next travel adventure.

## Apprentices Should Read Rules

By **DON INCARDONA**,  
Coordinator

After contacting some apprentices and attending the Sub-Committee meeting of Nov. 19, 1973 I feel all the apprentices should take out their rules and regulations and read them over to refresh their memories of their obligations to the program.

Now that the rainy season is here, there are certain things that apprentices are required to do:

- 1.) Don't forget to sign up on the out of work list.
- 2.) Your monthly time cards still have to be made out whether you are working or not. If you are not working make sure to write down **unemployed** across the card and mail it in. If you have lost your rules and regulations, you can pick them up at the Hall on Thursday nights.

The District meeting of Nov. 15, 1973 in Watsonville had a good turn-out of journeymen. I was sorry to see only eight apprentices attend, especially after contacting all of them, I would like to say that this is your union

and you should support it in every way. You are the loser if you don't attend these meetings to find out what your union is doing. It's an opportunity for you to meet your officers and representative. I feel a building is as good as the foundation it is built upon, and you are the foundation.

## Silver State Hit By Rain

By **IAN CRINKLAW**,  
Coordinator

The apprentice out-of-work list is again growing in this Silver State. At this writing we have had two major storms which are primarily responsible for this, along with the fact that some jobs are winding up.

Several of the Nevada apprentices are "behind" on the related training. This is a very good time to attend Rancho Murieta and catch up.

## A Veteran Instructor Visits Rancho Murieta

Several years ago the budding apprenticeship program was in need of an instructor to teach classes and the man who stepped forward was William F. Holloway.

"It was a step I never regretted," Bill said. "Being able to pass on to younger men some of the things I learned is very satisfying. And the biggest reward is to have a fellow come to me I hardly remember and tell me how I taught him some technique he found useful over the years."

It is a good feeling for a 68 year old operating engineer about to retire.

Bill is a master mechanic who joined Local No. 3 in 1943. He started at age 16 serving his apprenticeship in a machine shop at the corner of Golden Gate and Gough streets in San Francisco, then went on to work for Indian Truck and Utility Trailer overhauling engines and general repair. His love for engines has never diminished. When we talked to him he was rebuilding a brake drum for his 1914 Model T, fully restored and raced once a year and rallied around the Bay Area.

"In those early days we didn't have what you call curriculum," Bill explained. "I was still working six days a week and teaching the class two nights a week and grading papers on Saturday night. I wrote letters and called around trying to find pictures, and films and things to use in the classroom. Laney Technical College in Oakland furnished the room and with the help and support of the union we taught some lively classes."

Working almost all of his career as a foreman, Bill became an expert among experts. Setting up the cables on the old Le-Tourneaus was an art in itself. Recognizing the special characteristics of equipment and keeping them running kept Bill in demand throughout the state. He's never without a job offer.

On his first visit to RMTTC he met some fellows he hadn't seen in years. Speaking briefly to the current class of apprentices, he told them of his amazement at the advancements the program has taken, and urges them to study hard and support their union.



**VETERAN INSTRUCTOR** William F. Holloway, talks to an apprentice class at Rancho Murieta.

## R.M. Is For Journeymen Also

By **LARRY BUSBY**,  
Coordinator

It is impossible to say whether any journeyman will read this article, but every apprentice must know two or three and it would be a great help if they would make known to them that Rancho Murieta is not in existence just to train apprentices. It is also to help operators put the finishing touches on a skill they haven't quite mastered, or to help them learn a new skill on a piece of equipment that they would like to know how to operate.

It costs nothing to attend, you are still available to be called off the out of work list as if you were still at home and you still qualify for your unemployment. They will usually mail it to you at the ranch if you so desire.

Every journeyman operating engineer is entitled to six weeks training a year, and I feel it to be foolhardy not to take advantage of the opportunities available. When the weather is bad and work is slow why not make use of this unfruitful time to make yourself more proficient at your trade, and quite possibly start making a little more money when spring comes.

The facilities are designed to handle 200 people at a time, on a first come first serve basis. This is also time you apprentices should get that related training out of the way.

I would not take tight fitting clothes if I were you because the food is very good and most men come back with their belts fitting a little tighter than when they left.

## Apprentice Gets Involved

By **JAY BOSLEY**, Coordinator

Meet a brother journeyman member, Ray Felix. Ray puts on the harness and donates one Saturday a month serving on the Standing Committee at Rancho Murieta.

Some functions of the Standing Committee are to accelerate deserving apprentices and review and evaluate experienced applications.

Ray Felix is a Mexican American. He lives in Sacramento with his wife Sharon and their four children. Ray was a commercial fisherman prior to his becoming an operating engineer 12 years ago.

Ray became interested in the construction game at the suggestion of his cousin, a long-time and solid member, Stu Moncrief. He started for Teichert in Sacramento and has since worked for Kiewit, all

over beginning with Byron canal, Guy F. Atkinson on the Sacramento Freeway, and Granite, Monterey and Woodside job.

His peers consider him to be a real smooth hand on scrapers, loaders, dozers and other dirt equipment, such as Quad Nine. He currently runs Quad Nine on the Kiewit job in Pleasanton.

Felix has some very outstanding qualities. He is involved, he is a stand-up union man, and he is a fine craftsman. He does these well without compromise.

Ray feels that "the apprentices owe it to themselves to be dedicated to their craft and their Union, as well as their employer." Of the apprentices he has worked with, he feels that "the majority are short season people." Along with us, he feels that though continued effort and cooperation we can produce better, more effective, loyal craftsmen.



**BROTHER RAY FELIX** seen in insert, helps wit job in Martinez. Felix is a 12-year member to load journeyman Willie Lee on the Kiewit job in Martinez. Felix is a 12-year member from Sacramento.

## Winter Work Looks Bleak For District 60 Apprentices

By **HUGH BODAM**  
Coordinator

Due to the weather conditions there hasn't been much activity on the job sites so no journeymen are working and no apprentices either.

The apprentices should consider getting some schooling at Rancho Murieta, should check with their coordinator for a dispatch to attend and get the needed schooling, especially the first step apprentices who need first aid and a Class I drivers license.

We have had some apprentices in the Marysville area graduate to journeymen and at the last grievance committee meeting, Harold Huston and the grievance committee presented Bob Barber, Royce Baldwin and Claud Dryden with checks for the 40c per hour that was paid into the fund in their name. Needless to say the money was

appreciated by all; we wish the new journeymen the best of everything.

Now that our internal election is over and we have selected the leaders who will be guiding us for this term of office, we should get behind them and give them all the assistance we possibly can.

Not only do we help them but we help ourselves by attending and making our presence known at these ecology meetings. We need the jobs that these projects will provide and I know for a fact that our members are as interested as anyone in clean air, clean water and recreational facilities for our families.

As for the work picture in the Marysville area, it has slowed to a walk. The rains have come so most of the jobs are shut down. We can figure on a few days but not much until spring.

## Santa Rosa District Gets Rain For Over Two Weeks Straight

By **RUSS SWANSON**, District Representative and **BOB WAGNON & STAN McNULTY**, Business Representatives

Sixteen straight days of rain with only a few hourly breaks brought work to a sudden halt in District 10.

Some areas experienced minor flooding, with Kaiser, Piombo, Siri and Basalt suddenly moving equipment to higher ground as the Russian River spilled over. Hertel Construction poured the deck on the Potter Valley Bridge with the river boiling away eight inches below the forms. Huntington buttoned up its Eel River job for the winter as a result of the storm and it appears Gordon Ball, at Geyersville, is doing the same except for minor drainage. Piombo is waiting for a few continuous sunny days at Warm Springs Dam after digging out from under a ten-foot mud slide.

Rapp, Dowd, Siri, Argonaut, Earth and others are keeping a few of the brothers busy completing sub-divisions in Santa Rosa and Rohnert Park area. A. Teichert broke ground for the expressway job at Hewlett-Packard and is now waiting for the sunshine.

Approval was given on completion of the second phase of studies to develop the Kelsey Creek Water Supply Project. Lake County Flood Control and Water Conservation District is applying for a \$10 million loan, under provisions of the Small Reclamation Projects Act of 1956, for the Kelsey Project. The entire cost of the project is approximately \$12.4 million including escalation costs to 1976.

The purpose of the project is to provide an improved domestic water service to communities along the southerly and easterly shores of Clear Lake, whose present water supply has severe quality problems. Additionally, the project is to supply supplemental water to existing agricultural land in the fertile areas at Big Valley, which is presently suffering lack of sufficient supply and to bring a new source of water for irrigable land now without water.

The principal project features are: Pomo Dam and Reservoir (the name selected by the committee in honor of the Indian tribes located here) will be on Kelsey Creek about 3.5 miles upstream from Kelseyville. The dam will be an earth-fill structure about 150 feet high with a crest length of 390 feet and a normal storage capacity of 41,000 acre feet. At normal storage level, the lake will have a surface area of about 700 acres.

A detention dam to be located on Kelsey Creek to hold water releases made throughout the summer from the Pomo Dam. The 17-foot-high, 300-foot-long dam will provide a recreational area in the valley and increase percolation of project water into the underground supply. It will provide supplemental water to 9,760 acres presently under cultivation in the Big Valley area.

A 79,200-foot irrigation pipeline to supply water to the portion of the ag service area where the ground water supply is rated poor.

A well field, located along Kelsey Creek upstream from the detention dam. Initially, six wells will be located in the field with provisions for a total of 21 to serve the domestic pipeline.

An 81,600-foot domestic pipeline to supply water to residents on the southern and eastern shores of Clear Lake.

The first public hearings concerning this project are scheduled for early February. Brothers, we need to show our support for this project so please to attend this meeting and any subsequent meetings.

We wish to express our sincere thanks to all of those who donated to the Engineer's Blood Bank this year, namely Larry Crivelli, Ruth Fleming, Wesley L. Hay, Eunice Henning, Reginald Miller, Ronald Mollo, Patrick O'Connor, Randy Raabe, Harry Sonnikson and Barbara Wagnon.

The Santa Rosa staff, Russ, Bob, Stan, Brad, Bill and Alice, would like to wish each one of you a very Merry Xmas and a Happy New Year.

## Barks Now In Oakland

By **BUFORD BARKS**,  
Coordinator

It has been a challenge for me to have been working with the apprentices in San Francisco and San Mateo Counties for the past two years. There have been many rewarding happenings with these apprentices and their employers, and I think we have made great strides in training and in relations with the employer/employee field.

The year is coming to a close and it has been a good work year.

I have been transferred to the Oakland area to meet and service more young apprentices. I only hope to be able to do the same quality work that Lou Brady has produced, which will be hard for me to parallel, but I will do the best I can and, as a journeyman or an apprentice should do, give it your best effort!

## Oakland Hit By Rain

By **BOB MAYFIELD**, District Representative and  
By **Guy Jones, Ray Morgan, Herman Eppler, Ron Butler, Hank Munroe, Bill Dorresteyn, DeWitt Markham, Ken Allen and Jim Johnston**, Business Representatives

Well brothers, you know better than we that the bad weather has set in for the winter. Most of our dirt jobs in Eastern Contra Costa County have been shut down as a result. Included is T & C Construction in Byron, Gallagher & Burk in Walnut Creek and Concord, Oliver DeSilva in Concord and Pittsburg, Ball Const. Company on 680 in Walnut Creek, Syar & Pacco on Highway 4, plus several others. Granite Construction in Brentwood wasted no time in completing their 7½-mile pipe line job.

We still have a few brothers out in the field trying to fight the mud. The Shell Oil Refinery in Martinez is keeping 11 of our brothers working. Also, the PG&E oil tanks for Contractor C. Norman Peterson has nine brothers working. Babcock & Wilcox at PG&E has three brothers working.

As was mentioned in last month's paper, the need for blood in our blood bank is great. Let's see if we can't get in and donate a pint and start the New Year right.

The recent heavy rains have had their affect on the survey firms, just as they have on other phases of construction work.

Most of the firms are down to about half the crews they had during the summer.

There's some boundary and topo work, but the contractors aren't calling for many stakes.

The testing labs have a good work load, weather permitting. The recent dispute between the carpenters and the A.G.C. has hurt them also.

Work has held up well in the rock, sand and gravel industry, as the weather begins to change. In the month of December we find some mechanics laid off at

## Utah Construction Starts To Slow

By **TOM BILLS**, District Representative and  
**WAYNE LASSITER, LAKE AUSTIN and REX DAUGHERTY**, Business Representatives

Construction in the Salt Lake City area has started to wind down. J. B. Parson's I-215 job is still going full bore and will continue to do so as long as the weather permits.

McKee Construction has stepped up the starting date on their project at the Kennecott Copper Smelter at Magna, Utah. The project is estimated at \$100 million, plus. The primary objective is pollution control. Kennecott Copper has indicated that the smelter will remain in operation during the entire construction.

The Sheraton Hotel Chain is in the process of locating a site in Salt Lake City for a multi-million dollar hotel. Construction on the Hilton Hotel is about out of the ground. Demolition has started on the second phase

of the \$35 million Z. C. M. I. complex. Okland Construction is making good progress on the \$8 million Post Office job at 21st South and Redwood Road in Salt Lake City. Ford, Bacon & Davis will kick off the Phillips 66 job in March, estimated at \$4 million. World-Wide Construction has started work on the \$4 million expansion at the Husky Oil Refinery.

Work in northern Utah has held up extremely well despite the onslaught of winter weather.

James Reed Construction is still working at Collinston and plans to continue as long as possible.

Cox Construction at Hot Springs expects to complete the grade sometime in December. The project should be completed next spring.

J. B. Parson has completed their section of I-80 between Weber Canyon and I-15 which should be open to traffic in December.

Peter Kiewit & Sons Company has started on a large interchange in the center of J. B. Parson's job. They are working a two-shift operation with two 988 Loaders loading belly dump trucks and five pieces of equipment on the fill. The project will employ approximately 25 engineers.

L. A. Young Sons Construction is in full operation at Castle Rock in Summit County, with approximately 45 Operating Engineers employed. These brothers will be transferred to Salina Canyon when the storms cause the Castle Rock project to shut down.

W. W. Clyde Company has reduced to a skeleton crew at Parleys Canyon.

Work in central Utah is winding down. Some of the contractors have cut back to a one-shift operation and jobs at higher elevations have shut down for the winter.

S. A. Healy Construction at Currant Creek is down to a very small crew, holding on until the government decides what to do about the Vat Tunnel project. We are hopeful that money will be approved, not only for the tunnel but also for the Currant Creek Dam.

At the Electric Lake Dam project, Gibbons and Reed Company has sent the scrapers back to Salt Lake City and will finish the season on clean up work and the tower. The weatherman cooperated until the dirt work on the dam was completed.

Jelco Construction has reduced their crews for the winter at the Huntington Power Plant. Some of the equipment on this project will be sent back to Salt Lake City. W. W. Clyde Company has also reduced the number of men on this job. Many of the brothers were able to go to other jobs for this employer. However, there were some layoffs.

The Stauffer Chemical Company, located at Vernal, Utah, has put additional equipment in operation at the mill and plans to increase production. We hope the crew size will increase and the brothers will be able to work this winter. We were able to get a wage adjustment and some upgrading of classifications for the brothers working for this employer.

See MORE FROM OAKLAND, Page 14

## California Highway Commission Approves Construction Funds

By HAROLD HUSTON,  
District Representative and  
Auditor and  
A. A. CELLINI,  
Business Representative

Money for four major Yuba Sutter area highway projects including the construction of the new Meridian Bridge and the widening of Highway 99 and 70 was approved by the State Highway Commission.

More than \$6.5 million in State funds have been earmarked for the local work, to begin during the 1974-1975 fiscal year.

The work on Highway 99 and 70 may relieve some of the problems on the route between this area and Sacramento, scene of numerous fatal and injury accidents. The two-lane highway is without shoulders in many areas and carries traffic ranging from high-speed passenger to slow-moving farm equipment.

The \$3.5 million bridge project calls for the construction of a detour road and temporary bridge downstream from the existing bridge. The old bridge will then be torn down and replaced with a modern structure. The bridge will feature 40-foot wide, all paved approaches on both sides. The state also plans to widen Highway 99 between Interstate 5 near Sacramento to the Highway 99-70 junction.

The highway will be resurfaced and widened from 32 to 40 feet, including four-foot-wide paved shoulders on each side. A price tag of \$2.1 million has been placed on the 12.2-mile project.

Highway 70 will be widened from a point .2 mile south of Nicolaus Avenue northerly to Cornelius Avenue. Drainage will be improved in the area and turning lanes will be installed at the intersection of Highway 70 and Nicolaus Avenue. The widening will be from 26 feet to 40 feet. The project is estimated to cost \$200,000.

In Yuba County, Highway 65 will be widened for a distance of 3.2 miles between First Street in Wheatland and South Beale Road. The bridges at Grasshopper Slough Dry Creek and Best Slough also will be widened from 32 to 40 feet. The estimated cost of this project is \$700,000.

One project is proposed for Colusa County. It involves the construction of interchange ramps on Interstate 5 at the Hahn Road overcrossing three miles north of Arbuckle. The project is expected to cost \$300,000.

The local funds are part of a \$929 million package budgeted for California Highway construction and upkeep during the coming fiscal year.

Proponents of the proposed Marysville Dam should know by early January, 1974, whether the Nixon administration will include \$2.5 million for design of the dam in the president's budget recommendations to Congress.

Area Engineer Charles de St. Maurice was told this during his recent trip to Washington, D.C., where he made efforts to convince officials to include the appropriation in the budget. St. Maurice was sent to Washington, D.C., by the Marysville Dam Committee. He was joined by lobbyist Timothy Dillon. St. Maurice said he received no assurance that the dam funds would

be included in the President's recommendations. He and Dillon met with area Congressional representatives, the U.S. Army Corps of the Federal Bureau and the budget.

St. Maurice was greeted cordially and felt there is a good chance of the funds being appropriated.

If the \$2.5 million is appropriated it could clear the way for construction of the \$263 million project in 1976. However, even if the initial \$2.5 million is appropriated, the Corps would still have to get the approval and appropriation of the construction funds from the Congress.

Opponents of the proposed project are continuing their efforts to block construction of the earthfill dam on the Yuba River near Browns Valley. They argue it is not needed for flood control and that if needed, better sites are available. They also contend that the construction would take thousands of acres of land off the county tax rolls, uproot families and inundate their homes. They argue the reservoir draw-down would produce mudflats that would be of little or no recreational value.

St. Maurice and other supporters of the dam contend that it is needed and necessary to complete the flood control on the Yuba River to make better use of water stored at Bullards Bar Dam. They also cite proposed recreational benefits and would provide an economic shot-in-the-arm for the county.

Two major fishing access and river park projects totaling more than \$170,000 have been approved by the State Wildlife Conservation Board. Meeting in Sacramento the board approved the Feather River Parkway fishing access project, accepted 108 acres of Feather River property from the National Wildlife Federation and authorized the staff to seek a 50 per cent reimbursement from Federal land and water conservation funds for the Yuba River project.

Sutter County is now in the process of developing its Feather River Park south of Yuba City to Shanghi Bend. The property accepted by the State from the National Wildlife Federation.

Nearly one mile of river frontage was donated to the N.W.F. which then deeded the land to the state, which in turn will add it to the county park project. In all a two and one-half mile river parkway will be created.

The State board will develop fishing access and wildlife areas in the park which will then be maintained by the county. The cost of developing access roads, restrooms, parking, fencing, water supplies and site preparation has been estimated at \$150,000.

This amount has been allocated by the state board from the Recreation and Fish and Wildlife Enhancement Bond Act funds budgeted for the current fiscal year. This property will make an important contribution to the preservation of the river area.

The Shanghi Bend site is among the best shad and striped bass fishing waters on the entire Feather River and increasing runs of salmon and steelhead utilize the area.

The \$27,000 Yuba River project is to provide "controlled public

## Winter Hoisting In Nevada Looks Good But Other Construction Might Be Slow

By DALE BEACH,  
District Representative, and  
LENNY FAGG, PAUL WISE  
and DAVE YOUNG, Business  
Representatives

We on the staff here in Nevada would like to take this opportunity to congratulate Dale Marr on his success in the recent election of officers in Local No. 3. We are sure Brother Marr as business manager will make every effort to make his campaign platform a reality. This will take the support of all the members and we here in Nevada should put politics aside and close ranks behind the new administration and continue in our role as leaders in the construction industry.

Western Crane & Rigging is very busy working on the many building projects throughout town, as is Martin Iron. The winter picture for the hoisting business looks very good due to the many hotels and warehouses under construction.

Helms Construction's Ring Road job is well underway and will keep many brothers working most of the winter.

Teichert Construction has an approximate completion date of late December or early January on their Interstate 80 job.

Barlow & Peek has slowed down due to bad weather, as has Nevada Paving who is still working a few brothers at Wadsworth School and on some

access" to the river about 1,000 feet above the E Street bridge.

Noting that the area is "an extremely popular fishing stream" the W.C.B. report said that "In recent years . . . more and more people have closed their lands to the general public use. This has become a problem in the project area."

"Because of land abuses by a few individuals, the local reclamation district intends to close off road access over its levee. The district however, is in full accord with the County's proposal to provide a controlled public access."

The money allocated by the W.C.B. would provide more than \$20,000 for access roads and parking with an additional \$7,000 for fencing, sanitary facilities, site preparation and signs.

Rain, fog and below freezing temperatures has work slowed down here. But some of our employers still have crews working to finish before real bad weather hits.

Baldwin Contracting Co. has a crew working in Colusa putting shoulders down and doing finish grade on the Highway 45 project. Baldwin also has a crew working on Colusa in Yuba City putting in left turn lanes.

W. H. Lindeman & Son has a \$22,000 bridge project on the Maxwell-Ladoga Road. Taylor Ready Mix is furnishing material for the project.

James E. Byrne has a crew working in Chico at California Park putting in underground. On the same job is Alta Excavating and Paving doing some street work. Chicago Bridge and Iron is building a water storage tank for facilities to be built in the California Park sub-division.

paving jobs throughout the Reno area whenever the weather permits.

Seaberry-DePaoli has been working fairly steadily as has Ferretto Construction, on many small projects throughout the town.

Helms' Rattlesnake project has been a good paycheck producer. Helms has also been an early victim of the stormy weather and high winds which resulted in the complete destruction of their cat shop at approximately \$400,000 loss.

Shamrock Engineering is very busy with their job at the Colony Inn on Vasser here in Reno and they are putting a lot of effort into their Vasser Street Post Office project.

Carl Olson was low bidder on the Marble Bluff Dam project at about \$4.3 million and will start work in approximately late December unless the fuel shortage prevents it. They are out of Local No. 576 in Nebraska and are currently working in California as Carl Olson & Sons.

Work in the East has slowed down to a virtual stop. Lockheed has laid off two shifts, with more layoffs yet to come.

Helms' Interstate 80 job at Golconda Summit may face some rough weather soon and they may possibly close down.

PKS at Curry has shut down their dirt spread, but the crusher is still working two shifts.

At McGill, Kellex Corporation is pouring on the last 20-foot section of the smoke stack project there, with one member on their tugger hoist.

Torkelson Construction has a good winter job facing them in the Curry area and will keep approximately five brothers working all winter, plus two more at McGill. Completion date on the McGill job is set for June of 1974.

Winter has finally set in, and for verification of this fact, the slow down of jobs in the Lake area should be ample proof. There's a few outfits still plugging along whenever the weather lets up.

McKenzie's multi-million dollar job on Moana has progressed nicely, and we have a good union landscape contractor by the name of "Economy Gardens" doing all the shrubbery, planning and landscaping.

Byars Construction has progressed nicely on another Lake-ridge Unit. They are also doing well on their Kingsburg grade job, weather permitting.

Del Webb hasn't let the weather stop them any on their Park Tahoe project. Helms, as well as Pestana have let the weather hamper them on their Kings Row division project. Some of the good brothers have done real well with Fouche Construction on their project. They have been working six and seven days a week, which makes for a good paycheck, especially just before Christmas.

Contri Construction has picked up two nice jobs for the City of Yerington, one of them being for the Water Distribution System going for \$191,500 and the other for the Sanitary Sewer for \$469,240. What makes jobs even better is that Contri out bid a non-union firm from

the Yerington area.

A nice project that has passed the planning commission is a 200-unit residential development, and an 18-hole golf course for North Rim, across Highway 89 from Dollar Point. It will consist of 100 condos, surrounding a club house and tennis courts, and 100 single family home sites, on 115 acres. Also, the Monoana Corp. has revealed plans for a new marina, motel, and restaurant on 7 acres on the Lake front in Tahoe City.

And now for some of the unpleasant news — President Nixon's energy message calling for a series of measures that will have direct and indirect effect on the construction industry. Short of fuel rationing, which would have a drastic effect on the industry's ability to maintain schedules and bid on jobs, construction which was not assigned priority status in previous allocations has an uncertain future. Rationing priorities will require some very rough national decisions affecting construction . . . they have not as yet been made.

The Anaconda Company's Curry property has already started stripping processes. They now employ approximately 10 operators. Because of our organizing efforts there, we are scheduled to have a meeting with the company in the immediate future. Hopefully, we will be able to obtain a contract for Anaconda's employees equal to the contracts we have negotiated for the brothers who work in the rest of the mining industry in Northern Nevada. This property is located about 80 miles northeast of Ely, Nevada. It is known as the Victoria Mine. Other than this, exploration work in Nevada has begun to taper off due to the cold weather and the energy crisis.

Effective January 1 the employees of Cortez Gold Mine will come under a modified Local 3 health and welfare plan. We hope that due to this action, the members at Cortez Gold will be afforded quicker and more efficient attention to their claims. This insurance will also include prescription drugs, vision care, dental care, and \$90 a week off the job disability insurance. We feel this is a substantial gain over the previous insurance which was offered by the company.

**Where Do Contractors Come From?** — Brother Ray Ferretto (a 13 year member) some 10 years ago became tired of working for the local contractors and decided to go into business for himself. He founded the R. E. Ferretto Construction Company and has grown from a one man operation until this year he has employed some 17 operating engineers and various numbers of the other related crafts' members.

Subdivision work from one-half to one million is his prime interest, with jobs at Meadowlands, Sierra Loma No. 2, and the Eagle Highlands. While doing in excess of \$4 million worth of work in 1973, Ray sings the eternal contractor's song "I'm losing money and going broke," as he continues to grow and prosper.

## Heavy Rains Bring Wet Close To Busy Summer In Oakland

By **BOB MAYFIELD**, District Representative and **GUY JONES**, **RAY MORGAN**, **HERMAN EPPLER**, **RON BUTLER**, **HANK MUNROE**, **BILL DORRESTEYN**, **DE WITT MARKHAM**, **KEN ALLEN**, and **JIM JOHNSTON**, Business Representatives

Heavy rain during early November finally stopped the busiest summer in new construction that we had for over three years in this area. Brothers, this fantastic work demand has kept the hiring hall empty all summer in most of the major classifications such as blade, gradsetter, oiler, dozer, compactor, scraper, backhoe, paver machine, screed and roller.

In this area Syar and Pacco has the major job with some thirty-five engineers turning that portion of Highway 4 between Alhambra Blvd. and Pacheco Blvd., Martinez into freeway. Singer Housing has been almost stopped on their Willow Road project at Rodeo by the high and rising interest rates making it almost impossible for any but the wealthy to finance a new home. Up to this point this had been a good job for many engineers employed by M. L. Dubach, J & M Pipeline, Silva Pipeline and Oliver DeSilva Company. Syar and Harms is coming along well on the Hilltop job, Richmond which at this writing resembles a big new reservoir more than a large housing development.

Much of this year's work will carry over to next year and should, with the upcoming work, make for another grand year. Hopefully the high interest rates will lower to get home building cranked up again and some solutions found to the impending fuel crisis which threatens to strangle construction equipment.

In Contra Costa County the contractors are nailing them down, in preparation for old man winter. The jobs remain the same in this area, with Gallagher & Burk, Fanfa & Mulloy, Joe Foster and Ernest Pastana, just to mention a few, making ready for the wet stuff.

Most of the hands have been getting a little O. T. in order to accomplish this. The adobe isn't saturated yet so we should be able to go a few more rounds yet.

Dirt spreads have had no trouble making compact on their fills this past few weeks. It seems there has been an extraordinary amount of foot traffic running around the jobs for some unknown reason.

The work picture for next year looks better despite the efforts of the ecologists. This is partly due to town meetings etc. that some of the brothers and their wives, Dale Marr and other officers have been attending at night. Brothers, if you hear of environmental meetings in your area be sure to attend with your wife and friends. This is one way we can voice our opinions and maybe stop some of their action right there. But you must stand and be heard.

Gallagher & Burk, Inc. started their cross-town arterial 73rd Avenue job, excavating and paving to the tune of \$869,981, and will employ several operators.

Street improvements on Alvarado Niles Road from Nimitz Freeway to Decoto Road are left

to Oliver DeSilva. Rigging International has begun repair on boom on container cranes on Middle Harbor Road in Oakland. They have a 4000 Mantiwoc working on the job site at this time.

Ramirez Co. is done with their job at Alameda Naval Air. Santa Fe Pomeroy is still driving piles on the pier at Alameda Naval Air. Also Scott Buttner is doing some electric box and conduit work. Building demolition in downtown Oakland is still booming with Abdo Allen, Bay Cities, Campanella & Echner Crane doing most of the demolition work at the present time. Paving and grading is slow because of the rain.

Lauritzen, Fanfa Mulloy, Newberry Electric are doing most of the work on water treatment plant off Grand Avenue in Oakland. This job will go quite some time. Crane work is fair at this time, with rental cranes doing short jobs. Pittsburg Des Moines Steel is doing Red Iron job on 77th Avenue, putting up a high rise building for office and living accommodations. Steel should go three to four weeks, and engineers will be used all through this job.

T. V. cable work has slowed down because of the rain.

The hall was virtually out of surveyors most of the summer, and many of the brothers were working overtime.

Fortunately there seems to be enough work that most of the brothers will have jobs to go back to when the weather permits.

The brothers employed by the testing laboratories have enjoyed full employment through the summer and some overtime as many of the labs were unable to find qualified help.

About the only activity with most of the Southern Alameda County contractors is their mechanics working in their shops. They are finally getting around to making all those repairs that were put off until the rains.

Carl Swenson is still busy at the G. M. Plant in Fremont with Herrick placing the red iron. This is an expansion of the assembly line to accommodate the Blazer for the 1975 model year.

Oliver DeSilva has a few brothers working, weather permitting, finishing up some of their jobs.

Silva Bros. just beat the rains on their big subdivision job on Holmes Road in Livermore, paving out the day before the first heavy rains.

The majority of the equipment dealers in the Oakland area have been working a lot of long hours and the new negotiated seven percent raise package was ratified for the last year of the Equipment Dealers Association Contract.

The brothers working under this agreement have the best wages and contributions of anyone else in the nation doing the same type of work. This is due to the fine job of the negotiating committee.

We would like to see all the brothers at the next scheduled District meeting.

Dirt work in Eastern Contra Costa County is rolling right along with Gordon H. Ball on

## Auburn Dam

# Ecologists Try To Halt Dam Construction

By **CLEM A. HOOVER**, District Representative and **AL DALTON**, **AL SWAN**, **DAVE REA**, **KEN BOWERSMITH**, Business Representatives

The environmentalists are at it again! The Department of Interior last month announced that bids would soon be called on the first stage of the Auburn Dam. Then, on November 12 three environmental groups filed action in the U.S. District Court in a last minute effort to stop the dam. We need the efforts of all the members and their friends to help stave off this last minute effort to halt this much needed project. Write your Congressman, attend any and all meetings where this issue will be discussed. We have to show that these people are only a very small percentage of the people that will be affected by the construction of the Auburn Dam. With a concentrated effort by all interested people we will beat these "kooks."

As winter approaches we recap the work picture of the past season and gaze into the crystal ball to see what next summer holds in store. First in mind for many engineers is Auburn Dam. Every indication is that work will begin on Auburn project in 1974 in spite of the ecology nuts, self appointed environmentalists and the "do-gooder" organizations. No single individual or organization can take credit for the progress on this project. Every individual, every organization that actively supported this worthy, environmentally sound project shares in knowledge that their efforts and their participation has

widening of Highway 680 from Sycamore Valley Road to Willow Pass Road, Gallagher & Burk in Concord and Syar & Pacco on Highway 4 in Martinez. M.G.M. has hired a few brothers on their pipe line job.

Discovery Bay in Byron with approximately 16 brothers on the job still has a lot of dirt work to be done. Estimated cost will be \$100 million by the time the job is completed. P.G.&E. has a new oil tank job in Pittsburg. We have American Bridge, Babcock & Wilcock, Norman Peterson and a few more contractors working there. We also have a \$48 million sewer disposal job which started the first of September. As soon as they get rolling they will put quite a few of our brothers to work.

Granit Construction in Byron has 7½ miles of pipe line for P.G.&E. Gallagher & Burk's widening of Clayton Road in Concord is about 80% completed. Oliver de Silva off Treat Blvd. in Concord has about 16 brothers moving a few thousand yards of dirt on a housing project.

There are quite a few small dirt jobs going on, most of which are moving right along to beat the rain. We are real thankful that we have just about all of our brothers working now. If the rain will just hold off for a while it will be great.

Brothers, we still need blood. How about as soon as the rain hits that we all come and donate a pint. None of us really know the need for blood until we need it for ourselves or our loved ones.

made this job possible. Our personal thanks to Congressman "Biz" Johnson, who diligently guided this project thru the political pitfalls, to the Auburn Dam Committee, which has supported this project, and to the Placer County Concerned Citizens Coalition, who actively and vociferously made their efforts known to the Department of Interior.

Mother nature has descended upon us in the Sacramento Area. Most of the contractors were rushing to complete their jobs before the rains started, which gave the brothers some good hours while it lasted, but the rains came a little early. This should give us some work to start on in the spring along with the other jobs that are scheduled for bids, unless the environmentalists are able to stop some of these projects.

Work on the Community Center moves right on schedule. The \$13 million center located on 13th Street between J and L Streets is slated to open in the summer of 1974. The exterior work is almost finished, and weather permitting, the surrounding site work and landscape will be finished soon. Progress at each of the center's three main buildings is moving at a steady pace. They are the exhibition hall, the activities center, and the 2,350-seat theater.

At the port of Sacramento, Nielsen-Nickles is making good progress on Phase I. Commissioners of the Port are expected to award a contract for construction of a warehouse with 60,000 tons capacity. Construction of the warehouse will be the second phase in a \$6 million port expansion.

## Early 1974 Work Season Predicted For Marin

By **AL HANSEN**, Business Representative

Recent rains in Marin have slowed down construction work considerably, and the out-of-work list is growing.

It will take quite a long time for the ground to dry out, and as of this date, we are way over rainfall since a year ago at the same date. We are hoping that the good "ole sol" appears to help dry up the ground fast, so that some of the unfinished jobs can be completed.

We are hoping for a very good year in 1974, and from the indications, we should have a very early work season, depending on the weather, of course.

We note some recent awards for sewer construction to W. K. McLellan, and for street and road work in Corte Madera.

W. R. Forde of Greenbrae was awarded a street and road job located in Corte Madera and San Anselmo. This firm also was awarded just recently a sewer construction job in Larkspur.

Bresnan-Palecio, Inc. was also awarded a street resurfacing job in Larkspur, as well as a contract for tennis courts in Larkspur.

Proposition E, the bond issue to bring more water to Marin

A low bid of \$6 million to construct an aircraft maintenance facility at McClellan Air Force Base has been submitted by Santa Fe Engineers of Lancaster, Los Angeles County. The building will encompass slightly more than six acres and will house 19 maintenance and repair operations.

In the south area of Sacramento things are coming to a slowdown. The shops are scratching to find something to keep their men busy, and some of them have had to let a few men go. Bechtel Corporation at their SMUD job at Rancho Seco is just about to wind up. They are still keeping nine engineers busy on the job, but it doesn't look like it will last too much longer. The apartment building on the Operation Breakthrough job of Campbell Construction Company is all finished, except for two more picks, the machinery for the elevator and the airconditioning units. The building is nine stories high and went up in 19 working days. It is all precast concrete and was erected with a Manitowack with 280 feet of boom. They set as many as 105 truck loads of material a day. This kept the operator and oiler on the rig pretty busy. Tecon Pacific did the erection work on the job, with brothers Ben Hutcheson and Ronald Post manning the rig.

We are so grateful to those brothers, their relatives and friends who have donated blood to our Blood Bank. As we have said before, one never knows when he is going to be in need of that blood. An illness, an accident, could put you on the receiving end of that line.

County, was defeated at the last election, much to our disappointment. This would have meant a lot of work for the working man. Now this means that the moratorium on water hookups will not be lifted or eased.

Basalt Rock at McNear's Point are still running two shifts, still keeping quite a few brothers busy.

Healey-Tibbets Construction Company is now shut down due to the rains, having worked right up to the time of the storms. They were putting in a trunk sewer line at Ross. The only thing they can do now is pave, until the good weather comes back.

Ross Valley residents who travel the freeway (Route 101) will be interested in knowing the State Department of Transportation has asked for bids on widening four miles of the freeway in Marin County. Work limits will begin north of Richardson Bay Bridge in Mill Valley, extending to just north of Sir Francis Drake Boulevard in Larkspur.

The project, for which the state has allocated \$2.9 million, will extend existing climbing lanes between the Corte Madera and Alto interchanges.

# Rains Slow Work In San Jose

By **DICK BELL**, District Representative and **MIKE KRAYNICK**, **JACK CURTIS**, **ROBERT FLECKENSTEIN** and **TOM CARTER**, Business Representatives

Winter has arrived in Northern California and with it two or three heavy rainstorms which have shut down most of the excavating and grading work in the San Jose area.

The out-of-work list is small for this time of year, however. This means that most of the brothers in the area are working at least part of the time. At this writing we have had several days of good weather in the area, so hopefully the weather will hold and the jobs will open up again, because with Christmas coming on, and since Christmas gets more expensive every year, extra dollars at this time will come in very handy.

The work picture for District 90 for 1974 continues to look good and very promising as far as jobs go. What has become rather discouraging news lately is the apparent shortage of diesel fuel and gasoline. If, as some sources are reporting, there is in fact a serious shortage of diesel fuel, this could hurt the construction industry, and consequently, fewer jobs for operating engineers. I continue to be optimistic about the energy crisis (if in fact there is one) however, as this country of ours has faced emergency situations before and although the present administration doesn't seem to have the answers (to much of anything in fact) someone will step forward with the answers, hopefully, before the situation becomes critical.

Brothers, again, I ask you to help build up our Blood Bank which is practically non-existent at this time. Although the Blood Bank isn't needed very often it does render a very important service when it is needed. If you or your family or friends possibly can, please donate to the San Jose Blood Bank.

Looks like old man river is coming upon us again and started to shut down some of the dirt jobs throughout the area.

Work up to this time has been real good and plentiful. The out-of-work list was way down with the hall short of quite a few hands.

Modular Pre-Cast in Mountain View is planning to move their operation from their present location to a more modern facility in Santa Clara where they will have an enclosed building to work under with overhead cranes to move their panels around and load their trucks with. They have been doing most of it now with forklifts which was a very slow process.

Hugh Williams Drilling is moving right along on their project at Moffett Field. Brown Crane Service is setting the pipe in the ground for them after they get done drilling their 1200-foot holes which will hold compressed air to run their wind tunnels out there.

All the contractors have most of their crews still working on some street repair and clean up work on jobs they are finishing up.

The shops and concrete plants throughout the area are still working their 40 hours a week and getting in some Saturdays.

Sixteen major Santa Clara County highway projects have been included in the State's revised highway system that now includes interstate routes as well as freeway and expressway systems.

Among the major projects planned for the county are: Widening of Highway 152 (Pacheco Pass) to four lanes and construction of a truck escape route ramp (Pacheco Creek to west of Merced County line), planned for 1974-75; interchange on Highway 101 at Coffin Road, also planned for 1974-75; widening of Highway 82 from four to six lanes (New Marie Street to Scott Boulevard) 1979-80; construction of a \$25 million, four-lane freeway Highway 85 (Highway 101 to Highway 87) in South San Jose, scheduled for 1982-83; Highway 85 (Stevens Creek Boulevard connecting to existing Highway 85 in Cupertino), planned for 1979-80; Highway 85 from four lanes to six lanes (north of Homestead Road to Highway 101 in Mountain View and Sunnyvale) planned for 1979-80.

Highway 87 construction of four lane interim project (Curtner Avenue to Interstate 280 in San Jose), planned for 1977-78; Highway 87 interim four lanes (Interstate 280 to Taylor Street in San Jose) planned for 1976-77; Highway 101 eight lanes (north of Highway 87 to north of Highway 237), planned in 1979-80; Highway 101 from Mountain View to San Mateo County, widening from six lanes to eight lanes in 1980-81; Highway 152 four-lane expressway (east of Highway 101 to Merced County line); Interstate 280 to widen into eight lanes (Winchester Boulevard to Magdalena Boulevard); plus numerous other projects of less than \$1 million.

The Santa Cruz Mountains lost a respected friend recently with the death of Leo M. Frank following an illness of one year. He was an operating engineer for 17 years working for his brother's construction company.

A resident of Los Gatos Hills

since he was 9 years old, Frank retired in the late twenties from a professional boxing career of 15 undefeated bouts. He became a noted horseman and for 17 years guided the young men of the Montezuma Boys School to manhood instilling in them the love of horses which he felt so keenly and which played such an important role in his life. Leo Frank loved a rodeo, a parade or a horse show and he was in demand as a judge and manager at such events. In recent years his Summit Road Ranch became the locale of the Castle Rock Challenge Ride and he took pleasure in speaking to the riders from the different states that participated in the event each year.

In 1959 he and his wife started the well known Mt. Charlie Christmas Tree Ranches. An authority on dates and happenings in the area, he enjoyed talking about his trees and the mountains he loved to all who visited the area. Surviving him are his wife, Mary, two children Robert L. Frank and Mrs. Suzie L. Arthur and three grandchildren.

The first hard rain has hit in the southern part of District 90 and consequently, work has slowed down so it will be hit and miss until the rainy season is over. All the local contractors have enough work to carry them well into 1974.

Granite Construction Company was awarded a \$15 million freeway project in Southern California. The rock, sand and gravel plants are working rain or shine to build their stockpiles up.

Brothers, during our busy season we had a hard time filling some classifications like finish blade men, grade checkers and screed men.

Over five million employees were covered by the Federal Workmen's Compensation laws in the 1973 fiscal year, the Labor Department reports. New claims for compensation rose from over 26,000 in 1972 to over 28,000 in 1973.

## Bids Out For New Melones Dam

By **WALTER TALBOT**, District Representative and **AL McNAMARA**, Business Representative

The most important news event that affects this district was the calling for bids on the main section of New Melones Dam by the U.S. Army Corps of Engineers. This was due to the Ninth U.S. Circuit Court of Appeals in San Francisco on November 12 which upheld a ruling by a Federal District judge that the Corps of Engineers environmental impact report on the dam is adequate and work may proceed.

In the original bidding for this same project a year ago, Guy F. Atkinson Co. and Dravo Corp. of South San Francisco submitted a low bid of \$83 million. This joint venture withdrew their bid in October because of the lengthy delay caused by the court action.

C. S. Plumb Co. of Stockton was the low bidder to the City of Stockton for its expansion program at the South Sewage Disposal plant. The new water quality control plant buildings will cost \$3.25 million to construct.

South Tahoe Const. Co. of Stateline, Nevada was the successful bidder at \$52,000,000 to widen Highway 12 near San Andreas.

The Interstate 5 freeway contract that was scheduled for bid opening in November has now been tentatively set for Dec 12, 1973. Estimated cost is \$14 million for the construction of approximately six miles of six-lane freeway between Hammer Lane and Highway 12.

Also scheduled for December bid opening are the two Community College Academic Buildings at Delta College at approximately \$9 million.

John E. Northrop Co. of Tahoe City is expected to start soon on phase 2 recreation area site development at Calif. Folsom Dist. Indian Creek in Alpine County. The Northrop Co. bid was \$334,909.

This is our last report for the year and affords us, the office staff and agents in both Stockton and Modesto, to wish you a Merry Christmas and a prosperous New Year.



**A REAL TURKEY SHOOT**—Brother Harold Hamrick of Stockton recently bagged two tom turkeys the hard way—with one shot!

## Eureka Storm Continues

By **RAY COOPER**, District Representative and **GENE LAKE**, Business Representative

We mentioned in last month's report that the first major storm of the season was upon us, and now one month later; we repeat, "The first major storm is STILL upon us." Our so called "wild rivers" have been up and down, nearing the flood stage, but no major flood damage at this time. The out of work list becomes larger every day due to the completion of some jobs and the normal winter shut down of other projects.

The Lew Jones bridge project at Rio Dell is completed as far as work for operating engineers is concerned. This has been a good job for a number of brothers for the past two seasons. Art Burman finished his Buck Mountain Forest Service job at Dinsmore just as the rains came. A half dozen engineers had a full season on this one.

Mercer Fraser has also wound things up for the season at Cooks Valley. They will be back next spring to continue producing aggregate and asphalt for road projects in the Southern Humboldt and Northern Mendocino County construction projects.

Croman Construction, north of Orleans, still has more dirt to move on their Forest Service job on the Gasquet-Orleans road. At the present time there are three to four feet of snow on the right of way. About a dozen engineers should have this one to finish next spring.

The high water on the Eel River brought a halt to C. K. Moser on the twin bridges between Rio Dell and Scotia. They did manage to get the footings for the piers poured and were starting up with the steel. This job, along with the Rio Dell by pass will be a good start for next season.

Redwood Empire Aggregates never had any large projects to speak of this year, but as usual, the small jobs were enough to give the normal crew of plant and paving crews a fairly good year.

S & A Development also was able to keep its normal crew of engineers working all season on their crushers and cement plants.

In spite of the heavy winds and rain, Umpqua River Navigation is making progress on the Crescent City Boat Basin and outer harbor project. They completed the placing of 35,000 tons of 25-ton average rock on the jetty and were in the process of placing 250 for the 40-ton dolosse when the first storm hit them. Severe damage from the gale-force winds and breakers across the jetty did severe damage to the 4600 Manitowoc.

Western Pacific Dredge (The Herb Anderson) is still pumping 24 hours a day and should be completed by mid-December.

Fred J. Maurer & Son, with the services of Foster Drayage Crane, is driving pile and constructing a new dock in the Crescent City Harbor. This new dock will be utilized for the U.S. Coast Guard's "Cape Carter" that is based in Crescent City.

Brizard Matthews, Caterpillar Dealer shops in Eureka and Crescent City are still keeping their full crew of mechanics very busy. They are working approximately 50 operating engineers at the present time.

In as much as this article will be reaching you in December, we here in the Eureka Office would like to take this opportunity to thank you for the patience, understanding and cooperation you have given us this past year. Working together makes everybody's job that much easier. Ray Cooper, Gene Lake and Hazel Swaner in this office, your Grievance Committeemen, Mickey Dillon, Otto Sheraski, Peter Childers and your Executive Board member Don Dillon along with the Apprenticeship Coordinator Cliff Martin extend to you and your loved ones a very happy Christmas and a prosperous New Year.

Employment in September 1973 increased by 700,000 to a seasonally adjusted level of 85.1 million, the Labor Department reports.

## Obituaries

International Vice President and Business Manager Al Clem and the Officers of Local Union No. 3 offer their sympathy and condolence to the families and friends of the following deceased:

Akai, Frank Jr. (Juanita, Wife)	11-5-73
P. O. Box 244, Waimanalo, Hawaii	
Akey, Bryan (Blanche, Wife)	10-11-73
527 Shaws Flat Rd., Sonora, Calif.	
Briggs, Leonard (Gladys, Sister)	11-10-73
P. O. Box 481	
Brown, Garland (Gertrude, Wife)	10-31-73
P. O. Box 912, Willow Creek, Calif.	
Carver, Robert (Nancy, Wife)	11-11-73
906 Bridges Ave., Bastrop, Louisiana	
Chaves, Donald (Sandra, Wife)	11-3-73
232 Lovette Ct., Hayward, Calif.	
De Ago, Vern (Kathryn, Wife)	11-26-73
1113 Otis Drive, Alameda, Calif.	
Deane, Louie (Ruby, Wife)	10-31-73
P. O. Box 102, Matthews, Missouri	
Del Carlo, Gino (Laura, Wife)	10-26-73
P. O. Box 33, Virginia City, Nev.	
Douglas, Lynn (Lynda)	8-25-73
P. O. Box 958, San Andreas, Calif.	
English, Gail (Vickie, Wife)	11-1-73
P. O. Box 1852, Vallejo, Calif.	
Hayden, Clyde (Gloria, Wife)	10-29-73
P. O. Box 433, Willow Creek, Calif.	
Heinz, Henry (Hazel, Wife)	11-28-73
P. O. Box 18, Woodbridge, Calif.	
Hollenbeck, Russell (Edna, Wife)	11-16-73
175 Hermosa Dr., Woodlake, Calif.	
Kadoun, Guy (Lydia, Wife)	11-19-73
509 Scott St., San Francisco, Calif.	
Keithley, Kenneth (Grace, Wife)	10-29-73
2673 Clay Street, Sacramento, Calif.	
Kristee, Albert	10-28-73
960 Diana Ave., Morgan Hill, Calif.	
McDonald, Jesse (Lorraine, Dorothy and Robert, Children)	11-6-73
532 A Coyote St., Nevada City, Calif.	
McIntosh, D. T. (Mildred, Wife)	11-27-73
2325 Fern Ave., Chico, Calif.	
Mann, E. K. (Ann)	11-12-73
4224 Shasta Dam Bl., Central Valley, Calif.	
Martin, Allison (Frances, Wife)	11-2-73
3499 Bayshore, No. 119, Redwood City, Calif.	
Meppen, Eugene (Mary, Wife)	11-5-73
600 Freeport Lane, Reno, Nevada	
Miller, Maillon (Lorraine, Wife)	11-3-73
3924 So. 20th E., Salt Lake City, Utah	
Moore, Harry V. (Donald, Son)	11-24-73
1883 Broadway, Vallejo, Calif.	
Morrison, John (Aldine, Wife; Linda, Daughter)	11-2-73
2270 E 4800 S No. 1, Salt Lake City, Utah	
Quaini, Joe F. (Edna)	11-23-73
473 S. Jefferson, Napa, Calif.	
Reed, Larry (Shirley, Wife)	11-22-73
2386 Sutter No. 2, Santa Clara, Calif.	
Shireman, Donald (Betty, Wife)	11-22-73
8602 N 3rd St. No. 2, Phoenix, Ariz.	
Silvester, William (Lenore, Wife)	11-8-73
Gen. Del., Riverside, Utah	
Smith, David (Mary, Wife)	11-4-73
P. O. Box 391, Kaunakakai, Hawaii	
Walker, Curtis (Ida, Wife)	11-25-73
Mt. Home, Utah	
Willingham, Richard (Gertrude, Wife)	11-8-73
5878 Sampson Blvd., Sacramento, Calif.	
Willingham, William (Ona, Wife)	11-2-73
1095 Alamos Ave., Sacramento, Calif.	
Wooton, John A. (Adeline, Wife)	10-30-73
P. O. Box 96, Quartzsite, Arizona	

### DECEASED DEPENDENTS

Bevans, Lillian—Deceased November 26, 1973
Deceased Wife of Andrew Bevans
Castello, Mary—Deceased November 28, 1973
Deceased Wife of Salvador Castello
Lovely, Alice—Deceased November 10, 1973
Deceased Wife of G. H. Lovely
Sanders, Richard M.—Deceased October 10, 1973
Deceased Son of Bennie Sanders

## More From Oakland

(Continued From Page 10)

Oakland work is very slow at this time because of the rains, especially in the grading and paving and highway construction. There is some small patch work here and there as far as paving is concerned. Alameda work is about the same shape as Oakland.

Alameda Naval Air Station work is mostly done except for some piledriving being done by Santa Fe Pomeroy on a new pier. The Belina Bay job is

down because of weather. Bay Farm Island job for Utah has three pieces of equipment running part time. They are going to have a problem with fuel if they do start up again.

San Leandro, Hayward, and San Lorenzo work is just about like Oakland's work picture. Crane work on the other hand is picking up a little because of storm damage and rain.

Some refinery work at Avon by Bay Cities Crane and Winton

Jones. Jones Crane & Rigging is doing a steel job in General Motors Plant in Fremont. Allied Crane is doing very little, mostly small jobs at this time. Rosendahl is working in Union Oil along with Schmidt & Sons Crane, doing some repair work and general maintenance.

In Central Contra Costa County we've definitely started playing winter rules. We've had almost seven inches of rain so far and this is close to last year's record start for November and December. This rain has its brighter side. Most of the sub grades on the dirt spreads were finished and will have to be reworked. Also looking at it from the work side, there are going to be more slides to bid on and some of the slides you men have been working on are already sliding again.

Most dirt crews have cut back to minimum personnel, working water control, mud clean-up, and rocking the streets for access.

This rain hasn't made work easy for the pipe crews in the area. Its been a start and stop situation for most. With the rain (pump it out, put a couple of joints in the hole) cycle going.

Smoken' Joe Foster has the only full crew going at this writing and he's really pulling it away. Except he's not bringing that finish in behind those 657's any more—too wet.

Gordon Ball on Highway 680 is keeping some of the hands busy with a truck crane doing striping miscellaneous work, and a lot of clean-up work for the small equipment.

All in all a typical winter start. Only make sure that is a buck you shot, move the ball only one club length, and fill that damn sitzmark. Merry Christmas to all of you.

Western Contra Costa County has definitely slowed down to a few jobs which are being squeezed between the early rains and the critical fuel shortage.

Syar & Pacco has shut down the Highway 4 job for the winter.

Bay Cities Excavators had a number of jobs which will work weather permitting, the grading, paving, and landscaping around the Richmond bulk mail plant. This company also has the excavation and backfill for the new Walnut Creek EBMUD pumping station on Caputo-Coac job.

Syar Industries got the big rock cut in Standard Oil, over half a million yards of rock and the rain shouldn't bother them too badly.

The work for the equipment dealers in the East Bay Area has been good, even though the rains have slowed the work of the hands out in the field. The majority of the shops are still working a full week. Some shops have been forced to slow down to a shorter work week to keep the hands busy.

The negotiation for the raise for this next year of the contract was ratified, and the men have been paid their retroactive money.

The brothers at Consolidated Equipment in Hayward, with Service Manager Brother Al Chicago, have shipped out their second H D 41 to Chris Berg Construction Company of Seattle, bound for a job in Fairbanks, Alaska. There was a previous article in the news where the first H D 41 went to Hawaii for M-K.

The brothers working in the

## Credit Union Notes

### Federal Deposit Insurance

By JAMES "RED" IVY, Credit Union Treasurer

Following the "Great Depression" of the 30's when banks failed in astounding and horrifying numbers with the resultant loss of their depositors' savings, Federal legislation was passed authorizing the formation of the Federal Deposit Insurance Corporation (FDIC) and The Federal Savings & Loans Insurance Corporation (FSLIC). The purpose of these two insurance corporations, as their names imply, was to insure the savings of the small depositor against the failure of either of these two types of financial institutions.

At the time these two insurance corporations were formed, the credit union movement was still in its infancy. The credit unions in operation were comprised of small close knit groups of people usually working for one employer on a common job site and usually on a first name basis with each other.

Their loans, made to members only as they are now, were limited by law to a few hundred dollars per borrower. Operating under these circumstances, share deposit insurance for credit unions was not considered necessary or desirable.

However, during the past decade, we have seen a great change in the Credit Union movement. Liberalization of laws allowing broader fields of membership and increasing the amount that can be loaned to a single borrower has stimulated the growth of some Credit Unions beyond the wildest dreams of the pioneers of the movement.

The largest, Navy Federal Credit Union headquartered in Washington, D.C., has over \$150 million in assets and there are numerous credit unions with large fields of membership approaching over the \$50 million mark in assets.

Your own Operating Engineers Local Union No. 3 Credit Union, not quite 10 years old, topped \$18 million in assets last month (November 30, 1973). Since the Credit Union was organized in February, 1964, we have seen the unsecured loan limit go from \$750 to \$1,000 to \$2,500 and now to a maximum of \$5,000 per borrower. During the same period, the secured loan limit was increased from \$10,000 to \$15,000 and effective Jan 1, 1974, the maximum secured loan limit will be \$20,000 per borrower.

With this phenomenal growth and liberalization of loan policies in mind, leaders of the Credit Union movement prevailed on Federal Legislators to introduce Legislation authorizing a Credit Union Share Insurance program similar to the insurance available to banks (FDIC) and savings and loans (FSLIC).

We are pleased to announce that the necessary legislation was passed and your own Operating Engineers Local Union No. 3 Credit Union has qualified and now proudly displays the official sign reproduced below:



Each member account insured to \$20,000

# NCUA

by Administrator, National Credit Union Administration

Being insured by the National Credit Union Administration, an independent agency of the Federal Government, the Federal Bureau of Investigation (F.B.I.) is charged with the duty of investigating any robberies, burglaries or larcenies that occur in the Credit Union.

With the future economy clouded, at least for the near term, by the energy crisis and the money crunch, both having a negative effect on the construction industry, we feel the added protection of this insurance and the peace of mind it will give our shareholders is well worth the nominal annual premium amounting to 1/12 of one per cent of our share accounts paid from credit union earnings.

### IMPORTANT NOTICE

The Credit Union office will be open from 8 a.m. to 5:30 p.m., Monday, Dec. 17 through Friday, Dec. 21, and will be closed all day Christmas Eve (Dec. 24). The office will again be open until 5:30 Wednesday, Dec. 26 through Friday, Dec. 28 and will be closed all day on New Year's Eve (Dec. 31). Regular office hours, 8 to 5:30 p.m. Monday through Thursday and 8 to 2 p.m. Friday, will be resumed following the New Year's holidays.

rock and sand agreement have received their raise and they have all been paid their retroactive money, with a good job on the agreement in the rock, sand and gravel.

The rock plants are going good this winter due to the shortage in the stockpiles. Looks like the brothers will have a good winter's work, with very few laid off due to the weather.

Norman Engineering is mak-

ing good progress on the Laser Fusion Building No. 381, at the Livermore Radiation Laboratory.

Brother Cliff Hubbard is operating the 4100 Manitowok setting 40-ton tilt-up panels. Brother Warren West is the oiler.

Singer is building houses in Fremont and Pleasanton at a rapid pace. Brother Alex Segundo and John Johnson are manning the fork lifts for them.

# Personal Notes

## SAN RAFAEL

Our deepest sympathy to Brother G. H. "Joe" Lovely on the recent passing away of his wife Alice.

Brother Adam Britz and wife are enjoying a vacation to Australia, New Zealand, Fiji, Samoa, Tahiti.

We wish each and every one the best of everything in the coming holidays—and in the New Year 1974.

Congratulations to Brother Larry Rist on his marriage to Marsha on November 10.

## SACRAMENTO

Our deepest sympathies and condolences to the families of our good brother engineers who passed away recently: Richard Willingham, William Willingham, Laurel Tofft, Jess McDonald, Don Buno, H. Fred Schlueter, Kenneth Keithley. Our condolences also go to Brother Bennie Sanders who lost his son Richard Michael in October.

Brother Earl Herndon, Jr., apprentice, is laid up in the hospital with a broken leg. We wish Brother Herndon a speedy recovery.

Brother Robert Brown is in the hospital, also with a broken leg. His is due to an accident on the job.

## SAN JOSE

We would like to extend our condolences to the families of the following deceased members: Leo M. Frank and Albert Kristee.

The San Jose Office would like to wish all the brothers and their families a happy Holiday Season!

## EUREKA

We extend our sympathy to the family of Brother Neil Campbell who was killed in a logging accident in September, 1973.

We also had two pensioned operating engineers who passed away. Andrew Andersen who passed away in September, 1973, after a lengthy illness and Brother George "Rex" King who passed away in October, 1973, after a lengthy illness.

Brother Clyde Haden passed away October 30, 1973, after a lengthy illness and Brother G. T. Brown passed away October 31, 1973, after a lengthy illness. Our heart-felt sympathy is extended to the families of these brothers.

We also wish to extend our sympathy to Mr. & Mrs. Raymon Spencer who lost their daughter, Kathern in an accident October 20, 1973.

## STOCKTON - MODESTO

Brothers Merle Isbell, Kenneth Holland, Donald Keir, Robert Van De Pol, and Paul Cawelti were in the hospital or under a doctors care during the past month. A speedy recovery is wished for all.

Retired Brother Harold Hamrick bagged two 15-pound tom turkeys with one shot, while hunting west of Paso Robles.

## MARYSVILLE

Brother Ralph Wyatt is back in the Oroville Medical Arts Center Hospital in Oroville. Hope he gains his strength where he can be home for Christmas.

Brother Rufus Bumgarner is taking a series of tests at the hospital in Colusa.

Brother Walt Mickey now has the cast off his broken foot. In talking with him he still isn't ready to run a foot race with anyone.

We are very sorry to hear of the passing of Brother Robert Carver. Our deepest sympathy is with his family.

Recently discharged after surgery from Fremont Hospital was Brother Richard Bagley.

(See MORE PERSONALS, Column 4)

415 / 431-5885

## CREDIT UNION

OPERATING ENGINEERS LOCAL UNION No. 3

P. O. Box 689

San Francisco, California 94101

- I wish to join the credit union. Please send a membership card.
- I wish to join the credit union and apply for a loan. Please send forms for both.
- I am now a credit union member. Please send me loan application forms.
- I would like to receive the following information from my credit union. (Attach separate sheet if necessary).

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Soc. Sec. No. \_\_\_\_\_ Phone \_\_\_\_\_

# SWAP SHOP CORNER: Free Want Ads for Engineers

**FOR SALE: 1970 HARLEY DAVIDSON MOTORCYCLE** 76. Full dress. Call 408/724-3040 or write R. Wilson, 1188 Green Valley Rd., Watsonville, Ca. 95076. Reg. No. 1386899. 10-1.

**27 ACRE SAND QUARRY, GILROY, CA. FOR LEASE.** Entire mtn. 10c/ton royalty to owner. Lessee must have finance for equip. to operate. Mel Williams, 408/246-6620. Reg. No. 1414682. 10-1.

**FOR SALE: FLAIL MOWER** w/pt. hookup. Hydr. drive. \$250. 174 amp DC gas driven welder like new \$280. Ph. 916/885-1886. Reg. No. 1166574. 10-1.

**WANTED: BACKHOE ATTACHMENT** for Model 202 Massey Ferguson. Also Essick tandem vibrator roller 28 to 36" model. Call Andy Liranzo, 415/782-5177, Hayward. Reg. No. 1112931. 10-1.

**FOR SALE: 1971 17' THUNDERBIRD TRI-HULL** 115 HP Merc. motor, trailer, cover. \$2,700. G. Bedford, 2504 Noble Ave., Alameda, Ca. 415/521-2971. Reg. No. 0892645. 10-1.

**FOR SALE: CAMPER TO GMC PICKUP** 8' cabover camper \$1,000 assume \$2,800 Local 3 Credit Union loan. Mel Williams, 1181 Glen, San Jose, Ca. 95125. Reg. No. 1414682. 10-1.

**FOR SALE: THREE AXLE EQUIP.** TLR w/elect. brakes. Goose neck type w/5th whl hitch for 3/4 or one T pickup. 9 T capacity. Ex. cond. 916/885-1886. Reg. No. 1166574. 10-1.

**FOR SALE: 1963 CHEVIE TRACTOR** and 35 ft. trailer. Very good cond. Ph. 408/923-7720. Ted Amarillas, 680 Novak Dr., San Jose 95127. Reg. No. 0826783. 10-1.

**FOR SALE: UTILITY BOXES FOR 6 FT. PICK UP BED** \$250. 1954 GMC flatbed dump \$1,800. 1964 Int'l. flatbed dump \$2,800. Ph. 702/782-3530. Reg. No. 1115311. 10-1.

**FOR SALE: 1970 TRAIL 80 YAMAHA DIRT BIKE.** Elec. start, buddy seat, all extras. \$200. 3,000 miles. Ph. 916/331-5078. R. Revelle, 3615 Waynesburg Ln., N. Highlands, Cal. Reg. No. 1420233. 10-1.

**FOR SALE: MACK 401 GAS MOTOR** complete. \$400. Intl. Eaton Differential Drop Ins. \$25 ea. L. Mulhair, 97 Southridge Way, Daly City. 415/333-9006. Reg. No. 1547371. 10-1.

**FOR SALE: LOWER LAKE, CAL. LARGE LEVEL LOT.** Util. available. \$4,600. Will take late model compact car, partial pay cash. Harry Doolittle, 711 Old Canyon Rd., Fremont, Ca. Ph. 415/796-1531. Reg. No. 0563196. 10-1.

**FOR SALE: IN AROMAS THREE BEDRM TWO BATH A.E.K.** Carpets, drapes, firepl., patio. 2-car garage. 1,330 sq. ft. on half acre. \$27,000. K. Armer, 951 Scotts Glen Ct., San Jose, Ca. 408/265-6553. Reg. No. 1091245. 10-1.

**FOR SALE: 750 KAWASAKI 73.** Accessories. 86 mil.—new. \$1,495. Call 415/587-0282. Reg. No. 0865511. 10-1.

**FOR SALE: BEAUTIFUL BLUE LAKE SPRINGS 1/3 ACRE PLUS,** w/golf, tennis, ski, country club, condominiums, private home rentals. \$2,400 satisfies equity, balance @ \$50/mo. A. Reynolds, 3475 Ensalmos Ave., San Jose, Ca. 95118. 408/267-1398. Reg. No. 0282585. 10-1.

**FOR SALE: 40 HP MERCURY MOTOR.** \$200. J. Peralta, 534 Kearney St., El Cerrito, Ca. 94530. Ph. 415/825-6761. Reg. No. 1181689. 10-1.

**FOR SALE: 1935 OLDSMOBILE TOURING SEDAN.** Newly renovated engine. All original. \$1,000 or offer. Jim Wood, 740 Greenwood Ave., Broderick. Ph. 916/372-3735. Reg. No. 0899679. 10-1.

**FOR SALE: 1971 SKI DOO OLYMPIC 335E** w/elect. start & cover. Low hrs., like new, w/windshield, spare pts., tools, owner's manual. Perf. for beginners. Spec. price \$750. Rick Seim, 415/323-6773. Reg. No. 0877680. 10-1.

**FOR SALE: A 3 in 1 BARGAIN!** Weitez Blood Lines, Reg. Arabian mare, colt at side, bred back to a Risab Son for 1974 foaling. \$3,500 firm. 707/545-2746. Mark B. Rose, 416 Horn Ave., Santa Rosa, Ca. 95404. Reg. No. 1059628. 10-1.

**DOUBLE BURIAL LOTS FOR SALE** at Oak Hill Cemetery, Myrtle Lawn section, San Jose. Cost \$550, reasonable offer will be considered. A. Reynolds, 3475 Ensalmos Ave., San Jose, Ca. 95118. 408/267-1398. Reg. No. 0282585. 10-1.

**FOR SALE: EQUIP. COMPLETE WELDING SHOP.** Mig, Tig, & Gen. leads, pts., wire, red, spot welder, cut off saw, drill press, compressors, tools block shears, etc. Will finance. 415/685-7670. Reg. No. 0763653. 10-1.

**FOR SALE: MECHANIC'S TRUCK,** one ton Chevy w/Braden wench, brown light, vise, tool box, lights, etc. \$2,000, 12 ft. R.E.A. van, white GMC w/removable work bench \$500. Call 916/685-1749. Reg. No. 1022376. 10-1.

**WANTED: GOOD USED CASE BACKHOE** buckets 12 in, 18", 24" or 36". Call Ray, 415/757-5689. Reg. No. 1123505. 10-1.

**FOR SALE: SUNSET DRILLING RIG** & pull truck. 10, 12, 18' augers, reconditioned & painted. Phone 415/858-0848. Reg. No. 0603281. 10-1.

**FOR SALE OR RENT: VIEW HOME** in San Francisco, on Winfield Street. Owner Cleo Jones prefers to sell. Call 415/587-4212. Reg. No. 0950683. 10-1.

**FOR SALE: 5 BEDROOM, 2 BATH** split level, secluded, ocean view, replace carpet, garage, half acre. \$34,500. L. Herrick, Rt. 2, Bx 75, Brookings, Ore. Ph. 503/469-4279. Reg. No. 1137643. 11-1.

**FOR SALE: DIAMOND T DUMP TRUCK**, \$1,500 sale or trade. Cummins Motor Crankshaft \$150. L. Mulhair, 97 Southridge Way, Daly City, Ca. Call 415/333-9006. Reg. No. 1547371. 11-1.

**FOR SALE: 1967 FLEETWOOD MOBILE HOME**, 12' x 60', comp. furnished. Landscaped, 2 Br. front kitchen, dbl awning, porches, shed, cooler, 20 cu ft freezer. \$6,500. E. Smith, 3000 Broadway, Sp. 47, Vallejo, Ca. 94590. Call 707/691-6261. Reg. No. 1420255. 11-1.

**SELL OR TRADE: LOT VALUED AT \$7,600,** 210' x 159'. Water, power, paved rd. 3 ml. to town, lg lake. Consider motor home, boat or \$6,000 cash. M. R. Hughes, 15602 Bowman Hilton Rd., Puyallup, Wash. 98371. Call 206/845-0272. Reg. No. 0657656. 11-1.

**FOR SALE: 1971 24 FT REINELL HARDTOP,** 215 OMC, sleeps 6, full canvas, dual batteries, head, bilge pump & blower, extras. \$5,800. Bill Miller, 415/534-3399 Oakland Cal. Reg. No. 0899417. 11-1.

**FOR SALE: TRANSCEIVER, SWAN 500CX MODEL,** all band, 5 frequencies, ex. cond. \$395. Will include AC PS & sell all for \$425. 2 new 6LQ6s & 2 spare tubes incl. Call Kenny, 415/386-6313 or write to 455-41st Ave., San Francisco, Cal. 94121. Reg. No. 0883769. 11-1.

**FOR SALE: 56 F.W.D. 2 1/2 TON FLATBED** dump, 30 T hyd. wood splitter. Winch attached, new caps, exc. cond. L. Herrick, Rt. 2, Bx 75, Brookings, Ore. Ph. 503/469-4279. Reg. No. 1137643. 11-1.

**FOR SALE: SECOND HAND MERCHANTISE,** showcase, bric-a-brac in store operated as antique shop, \$1,000. Bud Watson, 1449 Portland, Albany, Ca. 94706. Reg. No. 0828819. 11-1.

**FOR SALE: 1966 PONTIAC STATION WAGON,** P/S, P/B, R/H, new steel belted tires, air cond., trans. rebuilt 10/73, new carb., fuel pump, hoses, cooling system just overhauled. \$800. E. Smith, 3000 Broadway, Sp. 47, Vallejo, Cal. 94590 or call 707/691-6261. Reg. No. 1420255. 11-1.

**FOR SALE: 1967 CASCADE EXPANDO MOBILE HOME,** 2 Br. 8 x 40. Exc. cond., w/furniture & kit. appliances. \$2,995. V. Burns, 22241 S. Garden Ave., Hayward, Ca. 94541. Call 415/783-3640. Reg. No. 058646. 11-1.

**WANTED: 3-53 "JIMMY" DIESEL ENGINE.** Must be rebuildable. J. Willis, 212 Persifer St., Folsom, Cal. 95630. Reg. No. 1030467. 11-1.

**FOR SALE: GERMAN SHORT HAIR PUPS** 6 mo old, point & retrieve, best of breeding & hunting stock. One Brittany Spaniel, male, 1 yr. old. V. Breitmaier, 9910 Pringle Ave., Galt, Calif. 95632. Ph. 209/745-1718. Reg. No. 0572825. 12-1.

**FOR SALE: GENTLE NINE-YR OLD MARE,** 18 mos. gelding, w/tack & trailer \$625. D. Rossiter, 3252 Old Orchard Lane, Loomis, Cal. 918/652-7132. Reg. No. 0921440. 12-1.

**FOR SALE: 1966 COMMING ENGINE,** 310 HP \$1,500 1" drive impact w/sockets \$250. R. A. Platti, 93 Shelley Ave., Campbell, Cal. 95008. Ph. 408/377-1099. Reg. No. 1036914. 12-1.

**FOR SALE: LIKE NEW 1972 TRAVELER-EZE** tr., 8x30, air, built-in vacuum cleaner, big refrig., spare, \$6,000. Lyle Engel, 121 Footwall Dr., Grass Valley, Cal. 95945. Ph. 916/273-7976 wkends. Reg. No. 553019. 12-1.

**FOR SALE: ONE LOT, TWO INTERMENT SITES.** Oakmont Memorial Pk, Lafayette, Calif. \$350 George H. Day, 1765 N Brownsboro Rd., Eagle Point, Oregon 97524. Reg. No. 1008601. 12-1.

**FOR SALE: 8-WHEEL DRIVE ALL-TERRAIN VEHICLE** Corvair eng., 18x14.5-6 Goodyr terra tires, 60 pitch chain. \$800 or best offer. J. Minardi, 782 So. Cypress, San Jose, Ca. 95117. Ph. 243-2668. Reg. No. 1235515. 12-1.

**FOR SALE: FOUR ACRES FRONTAGE,** gd. loc, no. of state college. 1801 E Shepherd St., Fresno. 2 wells, house, barn \$32,500 total at 7 pct \$3,000 dn. by owner. Ph. 209/465-9089. Reg. No. 0509762. 12-1.

**FOR SALE: RETIREMENT LOT** for mobile home on lake. Tennis crt, swim pool, all util. Copperopolis, Cal. Priced right. Jesse Hardy, 6617 E 17th St., Kansas City, Mo. 64126. Reg. No. 0290555. 12-1.

**WANTED: MODEL T PARTS,** all kinds; receiving heads, etc. R. A. Platti, 93 Shelley Ave., Campbell, Ca. 95008. Ph. 408/377-1099. Reg. No. 1036914. 12-1.

**FOR SALE: TWO BEDROOM ALL ELECTRIC HOME.** Owner contract. \$2,500 down. Charles Brown, 6922 S. E. Woodstock Blvd., Portland, Ore. 97206. Reg. No. 0649231. 12-1.

**FOR SALE: BACKHOE 580 CASE** w/ Digmore & forklift attach. Pitman Hydracrane on C-700 Ford trk. 2 generators 100 K.W. 60 cyl. diesel. Ph. 415/589-8252. Reg. No. 0841471. 12-1.

**WANTED: CASE OR JOHN DEERE RUBBER-TIRED BACKHOE.** Call evenings 415/897-2527. Reg. No. 0964-940. 12-1.

**WANTED: GOOD USED CASE 580A BACKHOE** 12, 18, 24 & 36" buckets. R. Hakala, P. O. Box 254, Occidental, Cal. 93465. Ph. 707/874-3019. Reg. No. 1226021. 12-1.

**FOR SALE: 1962 GMC 1/2 TON L.W.B.** 3-spd trans. V6 eng. extra parts, generator, wheels. \$395. J. Paulazzo, 415/658-6539 after 5 p.m., 275-41st St., Apt. No. 115, Oakland, Ca. 94611. Reg. No. 865537. 12-1.

**FOR SALE: 1/2 ACRE LOT** in Redding, Ca. wooded, w/paved streets, sewer, gas, water & elec. Capped, well on prop., can be subdivided, 2 smaller bldg. sites nrby. J. Paulazzo, 275-41st St., Apt. 115, Oakland, Ca. 94611 or call 415/658-6539 evngs. Reg. No. 865537. 12-1.

**FOR SALE: 1969 CHEVY 4-dr sedan,** automatic, P.S. P.B. air cond. 350 cu. in. eng. Hwy duty police equip. \$895 or trade for pickup. Call 415/658-6539 aft. 5 p.m. or write to J. M. Paulazzo, 275-41st St., Apt. No. 115, Oakland, Ca. 94611. Reg. No. 865537. 12-1.

**RULES FOR SUBMITTING ADS**  
 • Any Operating Engineer may advertise in these columns without charge any PERSONAL PROPERTY he wishes to sell, swap or purchase. Ads will not be accepted for rentals, personal services or side-lines.  
 • PRINT OR TYPE the wording you want in your advertising on a separate sheet of paper, limiting yourself to 30 words or less, including your NAME, complete ADDRESS and REGISTER NUMBER.  
 • Allow for a time lapse of several weeks between the posting of letters and receipts of your ad by our readers.  
 • Please notify Engineers Swap Shop as soon as the property you have advertised is sold.  
 • Because the purpose should be served within the period, ads henceforth will be dropped from the newspaper after three months.  
 • Address all ads to: Engineers Swap Shop, AL CLEM, Editor, 474 Valencia Street, San Francisco, California 94103. Be sure to include your register number. No ad will be published without this information.

**NOTE FOR BETTER ADS**  
 To receive more responses to your ads in the SWAP SHOP be sure to include your address in the ad. It will also be helpful if you check to see that your telephone number and all information is accurate before mailing in your ad request.

## OSHA Standard Ruled Invalid

The OSHA standard requiring that gantry cranes be equipped with bumpers to decelerate the crane and its trolley was ruled invalid by the OSH Review Commission. The Review Commission's Administrative Law Judge determined that the standard had not been promulgated in accordance with procedures prescribed by OSHA.

The standard in question was ostensibly adopted from an ANSI standard. However, the Judge observed that the ANSI standard from which the safety rule was developed only recommended that bumpers be placed on overhead cranes whereas the OSHA

standard required their installation. This, the Judge found, represented such a significant modification of the ANSI standard that the OSHA regulation could not be considered a national consensus standard. The Judge ruled that since the OSHA standard was put on the books without providing an opportunity for consideration of diverse views on this change, the standard was not validly promulgated. The Judge's decision automatically became a final order of the Review Commission since the statutory review period expired without action by any member of the Review Commission.

## More Personals . . .

(Continued from Column 2)

Congratulations to Brother Roy Hilbert and his wife, Ernestine, who became the proud grandparents of their second granddaughter, Heather Diane, on November 17, 1973.

Our condolences to the families of Brothers Odie Hicks and Charles McBride, both of whom passed away this month. Deceased dependents include Dean Antrobos, son of Brother and Mrs. Charles Antrobos and Florence Ostberg, wife of James Ostberg.

# 1974 MEETINGS SCHEDULE

1974 SCHEDULE OF SEMI-ANNUAL DISTRICT & SUB-DISTRICT MEETINGS

Saturday, January 12, 1 p.m., Masonic Auditorium, 1111 California Street, between Taylor and Jones Streets, San Francisco  
Saturday, July 13, 1 p.m., Masonic Auditorium, 1111 California Street, between Taylor and Jones Streets, San Francisco

DISTRICT & SUB-DISTRICT MEETINGS

<b>JANUARY</b>	<b>JULY</b>
15 Eureka, Tues., 8 p.m.	16 Eureka, Tues., 8 p.m.
16 Redding, Wed., 8 p.m.	17 Redding, Wed., 8 p.m.
17 Oroville, Thurs., 8 p.m.	18 Oroville, Thurs., 8 p.m.
23 Honolulu, Wed., 7 p.m.	24 Honolulu, Wed., 7 p.m.
24 Hilo, Thurs., 7:30 p.m.	25 Hilo, Thurs., 7:30 p.m.
30 San Francisco, Wed., 8 p.m.	
<b>FEBRUARY</b>	<b>AUGUST</b>
5 Stockton, Tues., 8 p.m.	6 Sacramento, Tues., 8 p.m.
14 Oakland, Thurs., 8 p.m.	7 San Francisco, Wed., 8 p.m.
19 Fresno, Tues., 8 p.m.	13 Stockton, Tues., 8 p.m.
26 Sacramento, Tues., 8 p.m.	15 Oakland, Thurs., 8 p.m.
	22 San Jose, Thurs., 8 p.m.
	27 Fresno, Tues., 8 p.m.
<b>MARCH</b>	<b>SEPTEMBER</b>
15 Salt Lake City, Fri., 8 p.m.	6 Salt Lake City, Fri., 8 p.m.
16 Reno, Sat., 8 p.m.	7 Reno, Sat., 8 p.m.
21 Ukiah, Thurs., 8 p.m.	12 Ukiah, Thurs., 8 p.m.
28 San Jose, Thurs., 8 p.m.	
<b>APRIL</b>	<b>OCTOBER</b>
2 Eureka, Tues., 8 p.m.	8 Eureka, Tues., 8 p.m.
3 Redding, Wed., 8 p.m.	9 Redding, Wed., 8 p.m.
4 Marysville, Thurs., 8 p.m.	10 Marysville, Thurs., 8 p.m.
10 Honolulu, Wed., 7 p.m.	16 San Francisco, Wed., 8 p.m.
11 Hilo, Thurs., 7:30 p.m.	23 Honolulu, Wed., 7 p.m.
24 San Francisco, Wed., 8 p.m.	24 Hilo, Thurs., 7:30 p.m.
<b>MAY</b>	<b>NOVEMBER</b>
7 Sacramento, Tues., 8 p.m.	7 Watsonville, Thurs., 8 p.m.
9 Oakland, Thurs., 8 p.m.	12 Stockton, Tues., 8 p.m.
21 Stockton, Tues., 8 p.m.	14 Oakland, Thurs., 8 p.m.
23 Watsonville, Thurs., 8 p.m.	19 Fresno, Tues., 8 p.m.
<b>JUNE</b>	26 Sacramento, Tues., 8 p.m.
7 Provo, Fri., 8 p.m.	
8 Reno, Sat., 8 p.m.	<b>DECEMBER</b>
13 Santa Rosa, Thurs., 8 p.m.	5 Santa Rosa, Thurs., 8 p.m.
25 Fresno, Tues., 8 p.m.	6 Ogden, Fri., 8 p.m.
	7 Reno, Sat., 8 p.m.

### DISTRICT AND SUB-DISTRICT MEETING PLACES

San Francisco, Engineers Bldg., 474 Valencia St.	Sacramento, CEL&T Bldg., 2525 Stockton Blvd.
Eureka, Engineers Bldg., 2806 Broadway.	Fresno, Engineers Bldg., 3121 E. Olive St.
Redding, Engineers Bldg., 100 Lake Blvd.	Ukiah, Grange Hall (opposite 101 Motel), State Street, Ukiah.
Oroville, Prospectors Village, Oroville Dam Blvd.	Salt Lake City, 1958 W. No. Temple.
Honolulu, Washington School (Cafetorium), 1633 S. King St.	Reno, 124 West Taylor.
Hilo, Kapiolani School, 966 Kilauea Ave.	Marysville, Elks Hall, 920-D Street.
San Jose, Labor Temple, 2102 Almaden Rd.	Watsonville, Veterans Memorial Bldg., 215 Third.
Stockton, Engineers Bldg., 2626 N. California.	Santa Rosa, 3900 Mayete.
Oakland, Labor Temple, 23rd & Valdez.	Provo, Eldred Center, 270 West 500 North.
	Ogden, Teamsters Hall, 2538 Washington Blvd.

The U.S. Employment Service placed more than three million men and women in jobs during the 1973 fiscal year, the Labor Department reports. That's a 28-per cent increase in placements over the previous year.

The Associated General Contractors of America is making a portable insurance plan available to approximately one million construction workers and salaried personnel. The new health and life insurance program can be carried from job to job and location to location.

## IMPORTANT

Detailed completion of this form will not only assure you of receiving your ENGINEERS NEWS each month, it will also assure you of receiving other important mail from your local Union. Please fill out carefully and check closely before mailing.

REG. NO. \_\_\_\_\_  
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Clip and mail to Engineers News, 474 Valencia St., S. F., Calif. 94103  
Incomplete forms will not be processed.



### Business Offices and Agents Phone Listing

**DISTRICT 01—SAN FRANCISCO**  
 Dispatch Office:  
 470 Valencia Street 94103  
 (Area 415) 431-5744  
 A. J. "Buck" Hope, Spec. Rep. 992-1182  
 Ralph Wilson, Dist. Rep. 756-1773  
 Walter Norris 447-5108  
 Job Steward & Safety Coordinator—  
 Jerry Martin 443-5285  
 Charles Snyder 479-2113  
 Jack Short 916/489-0681

**DISTRICT 02—SAN RAFAEL**  
 76 Belvedere Street 94901  
 (Area 415) 454-3565  
 Al Hansen 454-4035

**DISTRICT 03—SAN MATEO**  
 1527 South "B" 94402  
 (Area 415) 345-8237  
 Bill Parker 359-1680  
 Phillip Pruett 359-0385

**DISTRICT 04—VALLEJO**  
 404 Nebraska Street 94590  
 (Area 707) 644-2667  
 Aaron S. Smith 643-2972  
 Lee Adams 644-0893

**DISTRICT 20—OAKLAND**  
 1444 Webster Street 94612  
 (Area 415) 893-2120  
 Bob Mayfield, Dist. Rep. 926-0103  
 Herman Eppler, Asst. Dist. Rep. 656-3587  
 Guy Jones 525-5055  
 Ray Morgan 828-2624  
 Ron Butler 886-0653  
 Henry F. Munroe 686-6016  
 Wm. Dorresteyn 223-1131  
 Dewitt Markham 939-7219  
 Ken Allen 707/255-1984  
 Jim Johnston 582-3305

**DISTRICT 30—STOCKTON**  
 2626 N. California 95204  
 (Area 209) 464-7687  
 Walter Talbot, Dist. Rep. 477-3210  
 Al McNamara 464-0706  
 Elvin Balatti 948-1742

**DISTRICT 31—MODESTO**  
 401 H. Street 95354 (Area 209) 522-0833  
 Bob Sheffield 522-2262

**DISTRICT 40—EUREKA**  
 2806 Broadway 95501  
 (Area 707) 443-7328  
 Ray Cooper, Dist. Rep. 443-1814  
 Eugene Lake 443-5843

**DISTRICT 50—FRESNO**  
 3121 East Olive 93702  
 (Area 209) 485-0611  
 Claude Odom, Dist. Rep. 439-4052  
 Bob Merriott 734-8996  
 Harold Smith 222-8333  
 Al Boyd 226-0154

**DISTRICT 60—MARYSVILLE**  
 1010 Eye Street 95901  
 (Area 916) 743-7321  
 Harold Huston, Dist. Rep. 742-1728  
 Alex Cellini 742-4395  
 Dan Senechal 873-5736  
 John Smith 743-6113

**DISTRICT 70—REDDING**  
 100 Lake Blvd. 96001  
 (Area 916) 241-0158  
 Ken Green, Dist. Rep. 347-4097  
 Robert Havenhill 241-3768

**DISTRICT 80—SACRAMENTO**  
 8580 Elder Creek Road 95828  
 (Area 916) 383-8480  
 Clem Hoover, Dist. Rep. 428-1458  
 Al Dalton 622-7078  
 Al Swan 487-5491  
 Mike Womack 933-0300  
 Dave Rea 624-3241

**DISTRICT 90—SAN JOSE**  
 760 Emory Street 95110  
 (Area 408) 295-8788  
 Dick Bell, Dist. Rep. 415/359-6867  
 Mike Kravnick 266-7502  
 Jack Curtis 476-3824  
 Jack Bullard 476-1962  
 Tom Carter 779-3863  
 Bob Fleckenstein 449-0028  
 Stan Glick 916/488-8095  
 SALINAS, CAL. 408/422-1869

**DISTRICT 10—SANTA ROSA**  
 3900 Mayette 95405 (Area 707) 546-2487  
 Russell Swanson, Dist. Rep. 545-4414  
 Robert Wagnon 539-2821  
 Stanley McNulty 433-1567

**NEVADA**  
**DISTRICT 11—RENO**  
 185 Martin Avenue 89502  
 (Area 702) 329-0236  
 Dale Beach, Dist. Rep. 882-6643  
 Lenny Fagg 635-2737  
 Paul Wise 882-1004  
 Dave Young 673-1769

**UTAH**  
**DISTRICT 12—SALT LAKE CITY**  
 1958 W. N. Temple 84103  
 (Area 801) 532-6081  
 Tom Bills, Dist. Rep. 255-6515  
 Wayne Lassiter 487-2457

**DISTRICT 13—PROVO**  
 125 E. 300 South 84601  
 (Area 801) 373-8237  
 Lake Austin 374-0851  
 Dennis Wright 259-5522

**DISTRICT 14—OGDEN**  
 520 26th Street 84401  
 (Area 801) 399-1139  
 Rex Dougherty 621-1169  
 MOAB, UTAH 801/546-3658



Jerry Martin, Job Steward & Asst. Safety Director

### SAFETY COMMITTEEMEN ACTIVATED

Week Ending November 16, 1973		Dist. Name	Agent
01	Gilbert McGregor	10	John Lathrop
		11	Jerry Sharkey
		12	Low Potter
			R. Swanson
			D. Young
			D. Wright

### JOB STEWARDS ACTIVATED

Week Ending November 16, 1973		Week Ending November 30, 1973	
Dist. Name	Agent	Dist. Name	Agent
11	Randy Dingee	90	Herald Dodd
01	Robert E. Pearson	06	Duard H. Brantley
01	Earl J. Kohler		E. R. Bell
			E. Punzalan

### P.G.&E. Makes Request For Hydroelectric Plant

By CLAUDE ODOM, District Representative and BOB MERRIOTT, HAROLD C. SMITH, and JERRY BENNETT, Business Representatives.

The Pacific Gas & Electric Co. has asked the State for permission to build a \$235 million hydroelectric plant on the North Fork of the Kings River in Fresno County.

In an application filed with the State Public Utilities Commission, P.G. & E said the pumped storage plant would be located between Courtright Lake and Lake Wishon. If approved P.G. & E said the 1.05 million kilowatt plant would be completed by June of 1980. Plans include construction of three tunnels linking Courtright Lake and the lower elevation Lake Wishon. Water released from Courtright lake during peak hours of demand would generate electricity through turbines. The water would be pumped back into Courtright during off peak hours to be released again.

Courtright Lake would serve as the forebay and Lake Wishon would serve as the afterbay for the project which does not call for any new dam. Most of the new plant would be underground and environmental effects would be held to a minimum.

Known as the Helms Pumped Storage Project, the plant is expected to be one of P. G. & E.'s most massive jobs in recent history. The last time such a large construction project was undertaken by P. G. & E. was in the mid 1950's when they constructed the Haas Powerhouse and Courtright and Wishon Reservoirs.

The effects of the energy crisis is already having an impact on road projects in this area.

Daleview Construction Co. of Fresno has been awarded a road work contract by the Fresno County Board of Supervisors that was \$36,000 above the estimated cost. The reason—the energy crisis. The bid is about 14 per cent above the engineer's estimate of \$257,894.

The increase is due to an unanticipated increase in the price of paving asphalt, which is made from the "left overs in crude oil refining." Because of the fuel

### DISTRICT 17—HONOLULU, HAWAII

2305 S. Beretania 96814  
 (Area 808) 949-0084  
 Harold Lewis, Dist. Rep. 395-5013  
 Wilfred Brown 456-2927  
 Wallace Lean 941-3456  
 Gordon McDonald 488-9876  
 Valentine K. Wessel (Hilo) 935-6187  
 William Crozier (Hilo) 949-0084  
 Richard Shuff 537-9847

### DISTRICT 06—AGANA, GUAM

P.O. Box E-J 96910 749-9064  
 William Flores 746-1942  
 Virgilio Dellin 746-8180  
 Estaquio Punzalan 746-1018  
 Floro Jimenez 746-5942  
 Moises Flores 745-2427

Brother Alex Radke is currently employed by Stone & Webster at the Tracy Power Plant.

He, his wife, daughter and son-in-law are avid rock collectors and spend most of their leisure time pursuing this hobby.

Alex has been an active member of Local 3 for the past 32 years and is proud of the progress that the local has achieved under the direction of retiring Business Manager Al Clem.

Alex has pursued and upgraded his skills to the point where he is now a skilled universal operator, with many years of service to look ahead to before retirement.

We in District No. 11 thank him for the outstanding job he has performed as Job Steward.

shortage, asphalt supplies are in doubt.

The project involves road work on Hudson Avenue between Highway 33 and Merrill Avenue.

Construction on the Selma-Kingsburg-Fowler Wastewater Treatment Plant is now underway on 300 acres near Kingsburg. The \$6.5 million advanced secondary treatment facility is the most sophisticated plant in the valley and will discharge effluent into the Consolidated Irrigation District canal that officials say has the highest standard of water quality produced by any plant in this area.

Prior to the start of construction of the plant, 16 miles of interceptor pipeline was laid linking the three cities to the treatment site using three lift stations to guide the flow through the varying elevations between the communities.

The contract for the construction of the plant was awarded to Carl W. Olson and C & K Engineering who are joint venture for the project.

Approximately 55 men are now working on the project and progress to date includes the laying of two and one-half miles of pipeline to allow for drainage and to take the treated wastewater from the plant into the canal. Three 20-acre ponds are being scooped out. Concrete has been poured for the four aeration ponds, four equalization ponds, the administration building, secondary clarifiers and the basement of the chemical building.

Total project cost will be more than \$11 million.

Employment in the clerical field, where more than 7 out of 10 workers are women, is expected to increase more than one-fourth by 1980, reports the Labor Department.