

Merry Christmas

ENGINEERS

NEWS

STATIONARY ENGINEERS LOCAL 39

OPERATING ENGINEERS LOCAL 3

Vol. 24—No. 12

SAN FRANCISCO, CALIFORNIA

151

December, 1965

Holiday Greetings

TO ALL MEMBERS, their families and loved ones . . .
FROM THE OFFICERS, Executive Board and Staff of
Operating Engineers, Local 3 . . .

MOST SINCERE HOLIDAY WISHES for a Merry Christmas and Happy New Year.

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

AL CLEM
Business Manager
PAUL EDGEcombe
President
DALE MARR
Vice President
T. J. STAPLETON
Trustee
HAROLD LEWIS
Trustee
I. JAY NEELEY
Trustee
HAROLD HUSTON
Auditor

W. V. MINAHAN
Rec.-Corresponding Secy.
A. J. (BUCK) HOPE
Financial Secretary
DON KINCHLOE
Treasurer
ERNEST NELSON
Conductor
JOSEPH MILLER
Guard
W. G. RANEY
Auditor
WALTER TALBOT
Auditor

EXECUTIVE BOARD MEMBERS

| | |
|--------------------------------|--------------------------------|
| District 1—Guy B. Slack | District 7—Joseph C. Ames |
| District 2—Ernest W. Miller | District 8—Wm. W. Woodyard |
| District 3—Merle W. Isbell | District 9—Al P. Perry |
| District 4—Earl E. Horn | District 10—Garth A. Patterson |
| District 5—Charles O. Kirkwood | District 11—R. C. Yturiaga |
| District 6—Jack W. Slade | District 12—Clarence C. Bruner |



IN SESSION—Local 3 representatives attended recent IUOE Executive Board session in San Francisco prior to AFL-CIO meeting.



EXECUTIVE MEETING—International Union officers and representatives of nation-wide local union met in San Francisco prior to the AFL-CIO national conclave this month. Shown here are, from left: Dick Nolan, IUOE Executive Vice President; Local 3 Business Manager Al Clem; IUOE General President Hunter P. Wharton and General Secretary Newell J. Carman.

Welcome AFL-CIO Meeting Delegates To San Francisco

The sixth biennial constitutional convention of the AFL-CIO opened in San Francisco with various departments holding meetings before the main conclave slated for Dec. 9.

The convention marks the tenth anniversary of the founding of the federation.

Prior to the departmental meetings, the International Union of Operating Engineers held its Executive Board session in San Francisco. The meeting was headed by General President Hunter P. Wharton; General Secretary Newell J. Carman, Executive Vice President Dick Nolan and vice presidents of the Board.

Business Manager Al Clem and officers of Local 3 joined Business Managers and officers from locals from the entire nation in attending the Executive Board's meeting.

The AFL-CIO convention will be headed by President George Meany opening Dec. 9 for one week.

First Semi-Annual Meeting of 1966 Slated for Jan. 8

The first semi-annual meeting of 1966 is scheduled for Saturday, January 8 in San Francisco.

The meeting will start at 1 p.m. and be held at the San Francisco Labor Temple at 16th and Capp Streets.

The entire membership of Local 3, numbering over 32,000, is invited to attend this

College Scholarship Entries Now Open

General Rules and Instructions for Applicants

Two college scholarship awards of \$500.00 each will be awarded, one to a son and one to a daughter of members of Operating Engineers Local Union No. 3 for study at any accredited college or university.

The Local No. 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 have been a member of Local No. 3 for at least one year immediately preceding the date of the application.

The applicants must be senior high school students who have, or will be, graduated at the end of the Fall Semester, 1965, or Spring Semester, 1966, in public, private or parochial schools who are planning to attend a college or university anywhere in the United States during the 1966-1967 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, 1965, and March 1, 1966, for appointment to begin with the following Fall Semester.

AWARDING SCHOLARSHIPS

On receiving the application, Local No. 3 will verify the membership of the parent. The application will then be submitted for judging to the 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. All selections will be made by the University Scholarship Selection Committee on the basis of factors normally used in awarding academic scholarships.

Selection will be announced before the end of the current school year, and a check for \$500.00 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 the Recording-Corresponding Secretary, Operating Engineers Local Union No. 3, 474 Valencia Street, San Francisco 3, California, before March 1, 1966.

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 Local No. 3 by the officer completing it in the postage-paid envelope which is supplied with the form.

3. **Letters of Recommendation**—Every applicant should submit one to three letters of recommendation 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, 2 inches by 3 inches, with the applicants name written on the back, attached to the application. (Photo should be clear enough for reproduction.)

College Scholarships
Operating Engineers Local Union No. 3
474 Valencia Street
San Francisco, Calif. 94103

Memo

from the
Manager's Desk

By AL CLEM

Early Visions, Expectations Outstripped by Major Gains

As we enter the Yule Season, our thoughts and cares concern our families and loved ones, and on behalf of the Officers, Business Representatives and staff of Local 3, I wish every member and their loved ones a Merry Christmas and Happy and Prosperous New Year.

It was a year which started with great expectations and visionary plans. With the help of grassroots teamwork of the membership these expectations and plans have been far surpassed. The membership, negotiating committee and officers, working in concert, gave Local 3 its greatest moment in the history of our organization.

It was a year of great strides forward for all members and through the untiring efforts of everyone, Local 3 achieved its best contracts in its short history. It is a contract which assures everyone of higher wages and a better standard of living, with broader fringe benefits to meet rising costs.

It is a contract which mirrors the need, and provides an answer for the growing demand for more highly skilled operators to man more complex equipment made necessary through automation and technological advance by increased competition.

In addition to the major provisos concerning wage and fringe benefit increases over the next three years, the Journeyman Trainee provision was included in the contract, and thus Local 3 becomes the first heavy construction local union to broaden the work opportunity of its members while learning on the job.

PENSION PLAN INCREASED

Over the collective bargaining table, and armed with information submitted to this office by rank and file members of their wants and needs, the Pension plan was increased 40 per cent to \$175 full benefit. This marked the second increase since May, 1964. The increase becomes effective, January, 1966.

Further improvements for retired members was the addition of a major medical plan to combine with Social Security's Medicare program. The major medical plan will become effective July, 1966 with the beginning of Medicare.

These two provisions of the new contract assures the retired Operator retirement in dignity to maintain his right to independence.

WELFARE IMPROVED

Health and Welfare, too, was increased with daily room expenses up to \$30 and a major medical plan added to an already outstanding hospital basic plan. This should assure members and their families of freedom from worry of catastrophic medical expenses. This was a major concern of our members who voiced their ideas at District Meetings and other special meetings held throughout Local 3 prior to negotiations.

In addition to the Master Agreements with various contractor groups, there were several more which received the same undivided attention of your officers.

They were: Piledriving, Dredging, Tech Engineers, Steel Erectors, Pipeline, Rock, Sand and Gravel, Equipment Dealers and Shops, to name a few. In every instance, Local 3 made substantial gains because the members took the time to tell us of their opinions.

RECORD CONTRACTS, DISPATCHES

In total, we have over 4000 signed construction contracts this year. This compares with a mere handful in 1939 when Local 3 was formed by the amalgamation of several northern California locals.

Another little-known and publicized facet of administering Local 3 is that we had a record 40,179 dispatches the first 11 months of the year. This compares with last year's 12-month total of slightly over 37,000, and represents about a nine per cent gain over the previous entire year.

The new computer had a hand in these dispatches as now all dispatching records are handled by it. This assures that member of fast, impartial treatment when dispatched to a job.

All membership records are maintained on the computer which speeds handling and assures prompt membership service. It also handles all Apprenticeship records and keeps up-to-date mailing lists so the member will receive his newspaper and magazine at his latest known address.

It also informs all members of their reserve bank of

—Continued on Page 11



CONVENTION VISITORS—International Union officers are shown here in Local 3 Business Manager Al Clem's office during recent visit while attending Executive Board session of IUOE. From left: Vice President Leo Bachinski, J. C. Turner, Clem, Eugene Reardon, Local 3 President Paul Edgecombe and John F. Brady.

Help Wanted

Accident Statistics Needed

By DALE MARR, FRANK WALKER

It is becoming more apparent that one of the real stumbling blocks in the road to stopping accidents is the lack of a thorough inspection and report on all accidents occurring on the job.

We ran into this problem constantly when revising state safety codes. There is a very real reluctance on the part of some segments of the industry to make any changes on equipment or work processes without substantial records to back up the need for change.

For example, we were trying to get some controls placed on the shop fabricated and repaired boom sections. We knew that many of these booms and boom

sections were poorly designed and sometimes poorly fabricated, but we had very meager records of failures in the field.

We could, of course, point out the failures that caused lost time accidents, but we know there are many failures in the field where no one was injured and the rig was repaired and shrugged off with, "well, we were lucky no one was injured," and go back to work.

We finally convinced the industry that we had to tighten the controls on this practice, and the new safety orders reflect these stricter controls.

It would be unfair to not report to you brothers that some of

the leading employees in the crane and rigging business plus a few of the general contractors gave us their full support on these proposals.

We know of innumerable failures on other types of equipment that we can't substantiate with records.

I am sure that most brothers, who have run rollers would agree that most rollers have poor braking systems, and yet we can't back up this complaint with adequate records.

Hunter P. Wharton, general president of the International Union of Operating Engineers recently established a full time Safety department to help combat the rising tide of on-the-job injuries.

He appointed Alan Burch as director of safety, and Alan has offered to serve as a clearing house for information vitally needed by everyone in heavy construction.

We feel President Wharton has taken a giant step forward in promoting safe work practices and working conditions by establishing this full time safety department.

If we in the local unions funnel information to Burch then the International and Local unions will become more effective and more pressure may be brought to bear in creating a uniform national safety code.

You, the operator in the field, may help and thereby become an effective cog in setting the machinery in motion by reporting all causes of equipment failure in instances where you feel fabricated or equipment fatigue was the cause. Funnel this information to this office, and we'll take care of getting it to the International office. We need your help.

With the Yule Season around the bend, we wish everyone Merry Christmas and Happy New Year.

Open Letter of Appreciation

(Editor's note: The following is an open letter of appreciation from the widow of our late-departed Brother and Business Representative, Tiny Laux.)

(An open letter to the members of Operating Engineers Union No. 3 throughout Alameda and Contra Costa Counties; Employees of Alameda County and Flood Control District.)

Your varied and untold expression of sympathy and concern for me re: the great loss of our friend "Tiny", has been overwhelming. Your comforting words and deeds of your love, respect and fellowship that you shared with my husband had indeed been most heart warming. And I have no doubt that such qualities which constitute such a relationship that you mutually shared will continue to live on via your relations with other people. Love—the unseen, yet most powerful, permeating force that triumphs over all.

Our loss is great but our gain is also great. I know I am a much better person for having known him and for this, I am indeed grateful. It is my fervent prayer that all who knew him will reflect and share with one another and all with whom they meet—what you have been given—the greatest gift one man can give to another. And that is the fellowship in love with loyalty and respect that only you can know within your heart.

And to you who did not know of Tiny's passing, I extend to you my sincere apologies. There was no way of governing this.

God bless you all and to each one of you a personal "thank you" for EVERYTHING.

Respectfully and gratefully,
(Signed) Mrs. Laverne L. Laux

ENGINEERS NEWS

SATURDAY, DECEMBER 18, 1965

OPERATING ENGINEERS LOCAL 3



Published each month by Local Union No. 3 of the International Union of Operating Engineers (Northern California, Northern Nevada, States of Utah and Hawaii.) — Subscription price \$2.50 per year. Office: 474 Valencia St., San Francisco 3, Calif.

AL CLEM Editor and Business Manager
PAUL EDGECOMBE President
DALE MARR Vice-President
W. V. MINAHAN Recording-Corresponding Secretary
A. J. HOPE Financial Secretary
DON KINCHLOE Treasurer

New Year Offers Greater Challenge in Construction

The list of new construction projects for next year is both assuring and challenging to men in the heavy construction industry.

It appears that 1966 construction will surpass the "bumper work year" of 1965, and Operating Engineers will play a major role in re-shaping the West to build for the future.

One of the largest projects in the world is located right in the San Francisco Bay Area, and its ultimate construction will affect the lives of millions of residents here.

It is the Bay Area Rapid Transit system, which started earlier this year in Concord with President Johnson as keynote speaker and officially setting off a blasting charge to signify the start of the project.

Every trade in the construction industry, and every job known to it is involved.

Next year should see the start of the Oakland and San Francisco tunnels for BART, while "sucker dredges" begin dredging the bay floor for the trans-bay underwater tube connecting the two cities.

The project will cost around one BILLION DOLLARS, and had been approved by voters in the area several years ago.

Auburn Dam, recently approved by Congress and signed into legislation by President Johnson this year, started stirring Dec. 1 with survey crews at the site. When started, it will be as big a project as the famed Oroville Dam and at 698 feet will nearly match Oroville in height. (The latter is now scheduled to rise to 770 feet.)

San Luis Dam, too, will continue to be the scene of many jobs in the state and federal government's continuing efforts to provide water to arid Southern California. And there will be plenty of canal work next year in connecting the state aqueduct system.

The Bureau of Reclamation recently announced it will be spending about \$320 million on the West's water projects next year.

The State of California, too, has an ambitious program which includes in the budget over \$600 million for its highway system. This includes present and future projects and buying of rights-of-way.

Mines in Nevada and Utah should continue to provide good work opportunities and Nevada highway department is optimistically forecasting its heaviest highway construction program in history.

SIGNUP FOR MEDICARE

Again we'd like to remind all persons 65 and over January 1 to signup for Medicare at your local Social Security office before March 1, 1966. Benefits begin July 1, and your Union's Major Medical plan, recently included in the new contract, also becomes effective July 1, 1966 and combines with Medicare for greater protection for the retiree and his wife.

MERRY CHRISTMAS, HAPPY NEW YEAR

On behalf of all the Officers and staff of Local 3 we trust the holiday season will be joyous, and that everyone will enjoy a more Prosperous New Year during 1966.

Be sure that when you visit families and friends over the holidays that you stay sober and drive sanely. Be a "defensive driver" at all times and carry your safety first training with you around the house and on the highways.

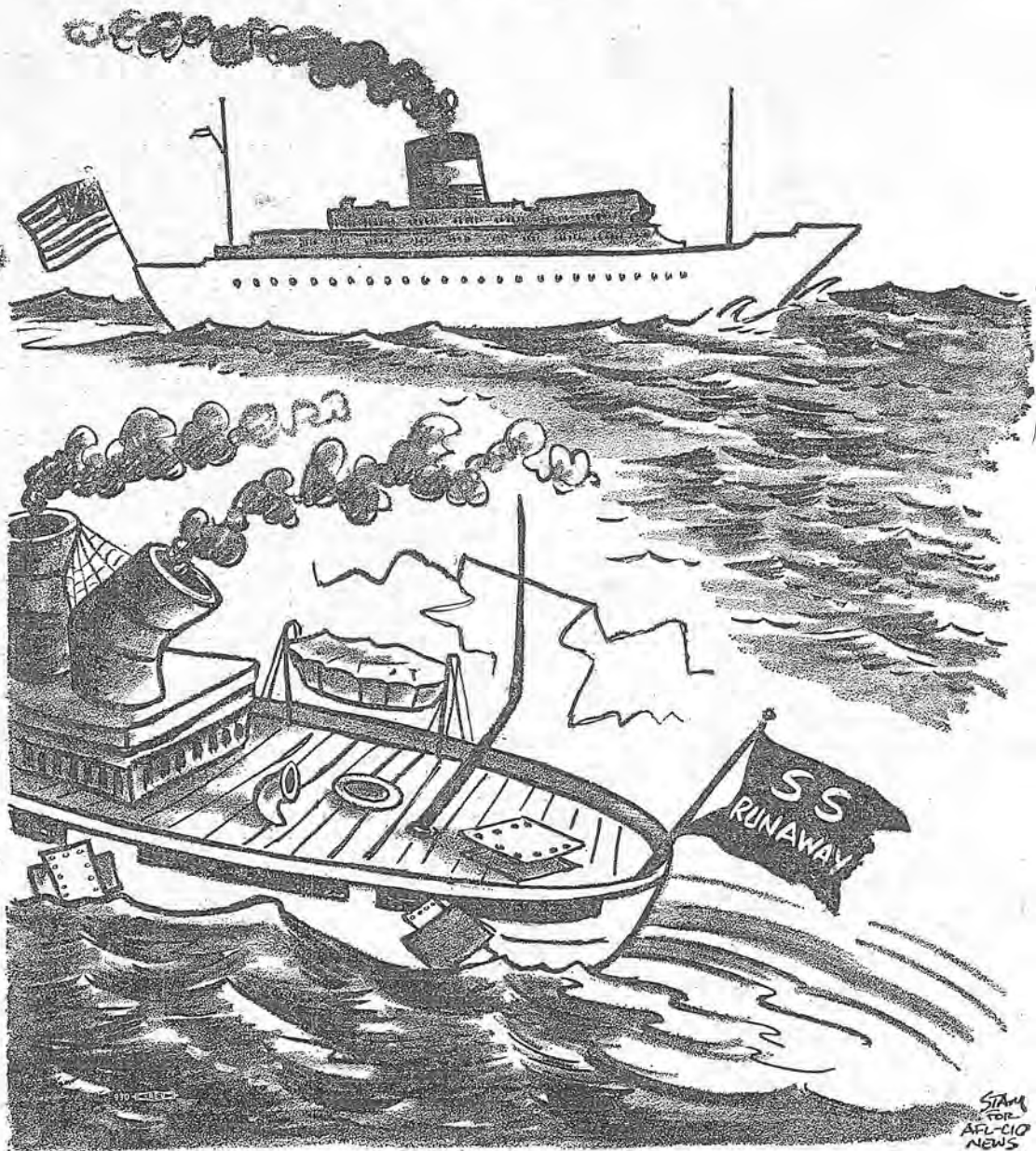
Union Board Backs Viet Nam Policy

Active support of Johnson Administration policies in Viet Nam is urged in a resolution adopted unanimously by the executive board of the Building Service Employees which warmly commended the AFL-CIO Executive Council for its recent endorsement of the U.S. position.

The resolution asked all members of the union and the labor

movement in general to back the Administration's policy "that all may know that the working men and women of the United States support their government in that policy." It described the U.S. stand as intended "to contain imperialistic communism and keep it from spreading through Southeast Asia and the rest of the world."

Safety - The Best Luxury



'Termination Dust'?

Snow Blankets Nevada Work

By NORRIS CASEY, GAIL BISHOP, JACK BULLARD, BOB VICKS

RENO—Cold, white "termination dust" threw a blanket over most of Nevada forcing many jobs to shut down for the Winter. It appears to be the first big storm of the season, and will slow operations down for awhile.

In the Lake Tahoe-Carson City region, the big news here is the incorporation of the city of South Tahoe. Two "union contractors" are members of the new city's first city-council. They are: Jerry Martin, of Martin Brothers Co. and Norm Woods, of Faoro Construction.

We tip our hats to these gentlemen. They are civic leaders and Union men, proving the two are complimentary.

Elsewhere, Sierra Pacific Construction, of Sacramento, won the bid to install the sewer line force main at South Tahoe. The bid total was \$85,000, and should provide some Winter work.

Martin Bros. won the contract for the dirt removal for the new elementary school at Meyers; Cabildo and Wells Cargo is still installing the gas mains at the north end of Lake Tahoe, and Helms Construction's paving just finished paving before the rains pelted Carson City.

NEW JOBS AWARDED

Holcomb Construction Co., a local Reno contractor, won the Keystone Bridge project for nearly one million dollars.

Rogers Construction Co., of Pocatello, Ida., was low bidder on the Halleck-Secret Pass job, east of Elko. Total cost: One million.

A major item of interest to Northern Nevada at this time

Brothers, is the construction and development of the Duval mine and mill at Copper Canyon. Copper Canyon is approximately 20 miles South of Battle Mountain. The mill will be constructed by Stearns and Rogers, and a pre-job conference was held Nov. 16. Duval estimates the job will employ 25 Operating Engineers at peak employment.

The development and operation of the Duval Mine itself is of great interest to our Union. Approximately 160 full time employees will be involved in the operation of the mine. It is no secret that we are involved in a major organizing effort here Brothers. You will help yourself with employment this Winter, and also help our Union by making application for employment. The office is right at the jobsite in Copper Canyon.

If you know any of the present employees working for Duval, help the organizing effort and yourself by pushing Local 3. As you know, we successfully organized the Carlin Gold Mine North of Carlin, and there is no reason we should not continue these successful efforts.

As the winter sets in Nevada Rock and Sand, at Deeth, has cut back the double shift operation on the dirt spreads. The Hough 500 and Hough 400's loading the K-M's are still double shifted, with Larry Gandolfo shifting on the first shift. Jugger Stevens is steward on the dirt spread, while Red Purdom is steward with the mechanics.

As you know, Cahoon Construction subcontracted the structures and piledriving on this job. Delmont Kaufman is steward for Cahoon, and John Hesselgesser is manning the pumps.

Wells Stewart is running the Westernmost of the two jobs on US 80 East of Wells. The dirt spread is going wide open, with Woodie Raber steward. Elmo Green is steward for the mechanics and the crushers.

Nevada Rock and Sand at Emigrant is nearing the end of the crushing end of the operation on US 80 at Emigrant. Industrial, who subcontracted the dirt up to sub grade, has nearly completed the work.

Industrial was the low bidder on the Button Point job East of Winnemucca. The low bid was \$3,157,440. The next low bidder was Rogers Construction of Portland, at \$3,225,033.

Stout Construction is moving out for the winter on their job on US 50 West of Austin, and will work the winter in Arizona, then return in spring.

Helms Construction is nearing completion on the sewage disposal plant at Winnemucca. The much is so wet they are loading the scrapers with draglines. Brother Vic Peluaga is steward here, first time he's worked at home in many moons.

VACATION CHECKS

We remind the Brothers that vacation checks will be mailed out in January 1966. The trust office cannot mail them if they don't have your address, however.

Banner Year

Fresno Aims for Increased Work in '66

By JOE MILLER, STAN BERGMAN, CLAUDE ODOM,
and RAY PHENNEGER

FRESNO — This article signals the end of 1965, and the closing period of the best work year in the history of District No. 5.

The rains have started and have slowed some jobs but many are still working and the work picture is still good.

1965 has been a most productive and successful year for the Operating Engineers of this area.

They have enjoyed the most work ever available. 1965 brought to them a new contract for the next 3 years, which is the best ever negotiated by our Business Manager Al Clem, the officers and negotiating team.

The income per member over the past year was increased considerably through higher wages and jobs of longer duration. May members have worked nearly all year without any lost time.

We thank everyone for their cooperation during the past year! Merry Christmas and Happy and Prosperous 1966.

We hope that 1966 is even better than 1965.

QUINN CONTRACT

Negotiations were completed November 22nd with the Quinn Co. of Fresno.

Quinn employs 60 Operating Engineers who are now covered by a Union contract (the first) for the next two years.

A satisfactory contract was agreed to, and ratified by the employees.

We hope this will mark the beginning of a long, sound relationship with Quinn Co.

We welcome all of the Quinn employees into Local No. 3 as Brothers, and say thanks to them for their support and cooperation during the organizing and negotiations.

MERCED AREA

Exchequer Dam will "top out" next month. The rest of the project will be finished by January,

1967, and is 55 per cent complete to date.

American Bridge, working on diversion tunnel installing liner, may run out by high water until Spring.

Standard Materials has a new \$69,500 job in Yosemite clearing sub-base, base rock and paving, and will be setting hot plant in the Park at Big Oak Flat Rd. on Highway 120.

Parker and Thomas will be working all winter on the Bagby Bridge job. The piers are almost complete, and the men should start setting the steel in a few weeks. San Jose has the sub on the steel.

DETENTION DAM

The Los Banos Creek Detention Dam is the first major feature of the San Luis Project to be complete. The primary purpose of the Detention Dam, is to protect the huge San Luis Canal, the City of Los Banos and farms normally affected by flood waters of Los Banos Creek.

It will also provide more wildlife and recreational benefits for the valley residents with 470 acres of water and 12 miles of shoreline. It has good fishing and hunting potential. History tells us it was over 124 years ago that the "El arroyo de los banos del Padre Arroyo," (now the Los Banos Creek), was the Northern limits of the "Rancho Sanjon de Santa Rita."

This was made up of eleven leagues of land, roughly 48,000 acres. Beside holding all of its water, the Los Banos Detention Dam holds its portion of the history of the early days of the valley.

The "San Luis" project, like the Detention Dam, will also hold its share of history of the early days of the valley. A good portion of history of the large "San Luis Gonzaga" will be buried under the San Luis Dam and

hold beneath its water.

Work on the San Luis Project is moving along. The dirt work has been up to schedule. With this in mind, the San Luis Dam looms evenly on its horizon, as do the trash racks along with tower cranes servicing the racks. It will be interesting to see the bridge steel in place.

The dam will stand some 300 feet above stream bed of the reservoir. Rip-rap, which the dam is faced off with, can now be seen at the south end of the three and one-half mile long dam. The power and pumping plant is also taking shape, with some of the huge turbines being installed giving it the appearance of a power and pumping plant.

PACHECO PASS TUNNEL

More than 2400 feet of the Pacheco Pass tunnel has been driven. They are not having any more trouble than found in any tunnel job of this type. However, they will be in there for awhile, the crews will tunnel over 9000 feet.

It would be interesting to know what the "vaqueros" of the early days would think of this portion of the valley today.

The Forebay Dam will also retain its portion of history of the old days. It was near the Forebay that Don Francisco Perez Pacheco and his son built an adobe stopping place to house their vaqueros when they drove cattle to the Mother Lode country. They called the Adobe house "centinela."

Work at mile 18 pumping plant has just a few more sections of discharge tubes to be put in place and be backfilled. The second phase is also going as per schedule.

Reach 2 is also taking shape, as they work the bugs out of the new machines. When it is all finished "Reach 2" will also add to the many miles and yards of concrete, that will one day complete this "Big San Luis Project."

Work on Interstate 5, near Los Banos, is only a few days

from being completed. There are a few more ramps to finish.

The Mendota job is also moving along. Bridge abutments are in, as well as the drainage pipe. The overall dirt is moving real good. At the rate they are moving, they are hopefully looking south to the additional 30 miles or more which will be awarded early next year.

SAFETY REMINDER

With Winter and the wet season here we urge everyone to be more cautious. Don't slide into a fatality!

MERRY CHRISTMAS AND HAPPY NEW YEAR TO ALL ENGINEERS AND THEIR FAMILIES FROM THE FRESNO STAFF.

PERSONALS

Sympathies are extended to the family of Doris Grubbs.

Thank you for the blood bank donation by Brothers Barney Rohrbach and Gerald Lewis.

Incidentally, we could use some more donations to the blood bank for the Engineers. The supply is getting short.

Stockton Girds for Winter Stall Work List Swelled by Rain

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

STOCKTON — The workload in this district came to a screeching stop due to the November rain storms. This situation still prevails as this report is being prepared; however, as in all previous winters, the sun eventually comes out permitting those who are fortunate enough to have jobs at this time of year to work between the storms. Needless to say, the job placement during the inclement weather period is very limited, which causes the Out-of-Work lists to grow larger each day. This condition does not change much until the jobs get underway in earnest next spring.

Although work is at a standstill, we expect some jobs to resume operations as the weather permits. Those employers who still have contracts to complete in this district, and listed somewhat in order as to the size of the jobs, are as follows:

Western Contracting Corp. — California Aqueduct.

Wunderlich Company — California Aqueduct.

Gallagher & Burk & Stolte — Tracy By-Pass.

A. A. Baxter Corp. — West Side Freeway.

Peter Kiewit Sons — West Side Freeway and Canyon Dam Powerhouse.

Lew Jones Construction — Structure work on West Side Freeway.

Granite Construction — Delta-Mendota Canal modifications and aggregate producer for California Aqueduct.

Service Construction Co. — Delta-Mendota Canal modifications and West Side Freeway access road.

A. Teichert & Son — West Side Freeway access road and miscellaneous jobs throughout the district.

S. M. McGaw Co. — Grading,

paving and utility work in Stockton and surrounding area.

Claude Wood Company — Miscellaneous type jobs in and around Lodi and northern San Joaquin County.

Continental Drilling Co. — Core testing for the New Melones damsite.

J. H. Pomeroy — Penstocks at Early Intake.

O. K. Mitty & Sons and A. L. Craft — Highway 4 job.

L. B. Hughes & Sons — California Aqueduct.

H. O. Rutherford — California Aqueduct.

Wentz Construction — California Aqueduct.

Rogers Materials Company — California Aqueduct.

Ferry Bros. — Paving Highway 124.

Stanfield & Moody — Tracy By-Pass.

M. J. Ruddy & Son — Street work.

Standard Materials — Miscellaneous work in Stanislaus County.

Continental-Heller — C.Y.A. installation.

H. Earl Parker of Marysville and Frank Fuller of Jackson were low bidders on their respective jobs to clear debris from the Stanislaus River for approximately 40 miles, starting at the Orange Blossom Bridge, east of Oakdale. Both contracts totaled a little more than \$200,000. The work is scheduled to be completed within 90 days.

These, plus many smaller jobs, repair shops, agriculture work and the rock, sand and gravel industry will provide some jobs during the winter months.

Federal appropriations for fiscal 1966 concerning this district are the \$1.5 million for New Melones Dam, allowing some phases of the construction to be-

gin on this \$122 million multiple-purpose project.

\$500,000 has been appropriated to purchase land for the newly authorized Auburn-Folsom South Canal, that will eventually run through the eastern portion of the San Joaquin Valley. Another \$1.5 million will be used to continue construction of flood control levees in the Lower San Joaquin River area. Bear Creek is earmarked to receive \$1,380,000 to complete this flood control channel. This will be the fourth contract for Bear Creek. An appropriation of \$382,000 will be used to continue dredging and clearing work on the San Joaquin River, Old River and Mormon Channel.

This, our final report of the year, affords us, the business representatives, dispatchers and office girls the opportunity to wish you a very Merry Christmas and a most prosperous New Year.

APPRENTICESHIP PROGRAM

Through the untiring efforts of Apprenticeship Coordinator Roy Scarbrough, a classroom has been secured at the Modesto Junior College for apprentices who reside in Stanislaus and Tuolumne Counties. This will keep the apprentices in those two counties from making the long drive twice weekly to the junior college in Stockton.

Brother Laurence York is the instructor for the Modesto group, which meets on Mondays and Wednesday evenings.

The Stockton Apprentices have been divided into two classes at the San Joaquin Delta College. Brother Boyd Hughes is the instructor of the older group meeting Tuesday and Thursday evenings, and Brother Harold Hamrick has the new group meeting Monday and Wednesday evenings.

S.F. Hospitals Announce Major Facility Expansions

By A. J. HOPE,
WARREN LEMOINE

SAN FRANCISCO—Letterman Hospital here recently awarded a \$13,623,000 contract for construction of additional hospital space covering 230,000 square feet.

Halverson and McLaughlin has subbed the dirt work to Bob Smith Construction Co. of Lafayette. There are over 50,000 cubic yards of material to be moved.

Franklin Hospital also plans a nine-floor expansion amounting to nearly \$8 million. M-K Corp. won the bid and will move 30,000 cubic yards of material with draglines and trucks.

At the foot of Army and Third streets, Manson-General Corp. is using 16 rigs to move 24,000

cubic yards of material for new dock and ship loading.

At Pier 27 Ben C. Gerwick Co. has a floating rig in there driving pile in more harbor development and reclamation work. This should continue through April.

Dale Williams & Sons employ about seven Operators on a storm sewers project in Brisbane. Also, in the same area, PCA quarry has about 25 Operators who will work through the Winter months.

Downtown the United California Bank, with an excavated "basement level" 75 feet below the street surface, was the scene of a giant concrete pour over a recent Saturday night.

About 300 redi-mix trucks lined up and poured the floating foundation slab which varies eight to 15 feet thick. It was one of the largest single pours in the history of the Bay Area and perhaps the West.

We, of the San Francisco office, extend our best wishes for a joyous holiday and prosperous new year.

A major research attack against cancer in the field of chemotherapy so far has produced about 20 drugs useful in treatment of the disease, the American Cancer Society says.

Success in a Nutshell

San Jose Reviews 'Good Work Year'

By ROBERT SKIDGEL, G. L. MOORE, WM. HARLEY DAVIDSON,
JAMES N. HALL, and LAKE AUSTIN

SAN JOSE — Winter made a "moist" initial appearance in the Santa Clara Valley and outlying areas.

Heavy rain and wind storms wreaked havoc with various projects, and brought in many Brothers to sign the out-of-work list. Contractors have been pushing hard the last few weeks expecting to complete the jobs before the rains set in, but there are still many projects that have a long way to go. From here on in it looks like it will be work on a "Weather Permitting" basis.

The fact is this is the last issue of the "Engineers News" for 1965, it is appropriate that we mention some of the projects which kept the Brothers busy this year, and report on the progress in the County.

Some projects are in the completion or near completion stage, and this year has brought many changes to the area, high rises, which are new in the locality, as well as a great deal of highway and flood control work, made necessary to meet the demands of an ever increasing population.

It is estimated that the State of California has an influx of approximately 1650 persons per day!

The Hood Corporation, earlier in the year, completed its general

pipeline project for the Santa Clara Flood Control, which consisted of 13 miles of 66" cement water pipe. This was a \$5,999,603 project and brought water from the South Bay Aqueduct on the northeast side of San Jose, right across town where a portion of the water is percolated underground. This line then branches off to the new \$2,000,000 project that is now under construction. This second line, known as the Almaden Valley Pipeline is 4.5 mile line of 72" concrete water pipe.

Brother George Curts, on a P & H four cubic yard backhoe, and George Johnston on a P & H 60 ton truck crane are both to be commended for a job well done, due to the fact that low hanging overhead power transmission lines made working conditions dangerous and difficult.

Hood is currently constructing a 36" gas line for P. G. & E., extending from the company's Milpitas terminal, five miles north of San Jose, to East Palo Alto.

In addition to the new line, they are removing approximately 43,000 ft of 20" gas transmission line in the same area. They will need two or three weeks of good weather to complete this project.

The first Downtown parking garage is complete. This was a

\$1,300,000 job, and supplies space for 650 cars, and is now ready for Christmas shoppers. Carl N. Swenson completed it on schedule — 150 days. It is three decks, and located on Market and St. John Sts.

Henry C. Beck's ten-story home for the Telephone Co. is complete and occupied, at North Market and St. James, it is one of the new high rises.

HIGH RISERS

Carl Swenson finished his project, the Retirement Apartment building, also at Market and St. James. It is a ten-story apartment building and is now leasing.

Arthur Bros. high rise, Wells Fargo Bank Building at Hedding and The Alameda is in completion stages, just a little clean up work on the inside and it is then ready for occupancy.

The General Electric Co. have moved into their new quarters on Monterey Ave. and Curtner, San Jose. This was a four and one-half million dollar contract, for Huber Hunt & Nichols Inc.

Pankow Construction finished their eight story high rise office building at 1630 The Alameda. This also is now in the leasing process.

The Junipero Serra Freeway project extending from Foothill Blvd. in Los Altos, 05 mile north of Page Mill road, almost to the San Mateo County Line, is going along real well. There were some 3,000,000 yards of earth to be moved and the Brothers have been "keeping the dirt flying". It consists of 7.4 miles of six and eight lane freeway, frontage roads, construction of bridges etc, however things will slow during winter. The Brothers still have another six to eight months of work before this one will be completed.

Piazza is making good progress widening Stevens Creek Road. Sub grade is complete, but there is still more work to go.

GOOD YEAR

L. C. Smith's joint venture with Lew Jones for construction of two miles of four-lane Freeway on Route 237, west of Alviso (Mt. View-Alviso Road), including an interchange at Lawrence Station Road, is going along right on schedule. They are now working on sub-grade, and there is still some import to be hauled in.

In the Santa Cruz, Watsonville-Salinas and Monterey area, we have much the same picture. This has been an exceptionally good year for all this area. Now that the rains are here, the work will taper off, and those of the Contractors who can do so have cut their crew for normal Winter operation.

The University of California, at Santa Cruz, is certainly a different picture than it was at the beginning of the season. The college has an attendance of approximately 500 students living in trailers on the campus.

There have been a number of

contractors on this complex: Nomellini Construction finished his portion of the work as far as Operating Engineers are concerned; Rothschild Raffin & Weirick, Inc., on the library, is out of the ground and has work to keep on two or three Brothers working through the Winter.

Williams & Burrows, Inc., is well on the way to having the structures standing on end, but there is still a lot of work for the Operating Engineers. How soon they can get to it is another matter.

Granite Construction is still a "chicken and feather" operation with a good-sized crew on one day and then a real small crew for a day or so. They are working on the roads and parking area on the campus. Roberson Bros. has been working on extra parking, and some fire trails for the students. Jasper Construction finished one structure and is in the early stages of construction on the building to house the heating plant.

Lloyd Tull has a pipe job nearly complete.

SANTA CRUZ

The new Courthouse Building on Water & Ocean Sts., in Santa Cruz, is about 25 percent completed, and was rolling fast until the rains came. This is the Jasper Construction Co. job. We still have six of the Brothers on the job, but with the current rains, are unable to say just how long they will be able to work.

Kester & Son started the street widening job in front of the Courthouse and the City of Santa Cruz is pushing hard for completion.

Glanville Construction is about 50 percent complete on the sewer job from the disposal plant to Front St., and has an 80D Northwest for the digging and two truck cranes for the sheet piling, along with the other usual set underground equipment. This was a good job for the Brothers this Summer.

Arntz Construction is a little behind schedule on their sewer disposal project. A slide on one of the filter plants slowed operations. They wound up with a "Glory Hole," that was just about

big enough, by the time they got the foundation in. For a little while there was a forest of booms around this hole getting the old "blue gumbo" back from the forms, long enough for it to be poured.

The new drug store job on Front St. and Soquel is a welcome addition to the community, and will be open to the public by the time this paper reaches you. Carl Swenson did the building on this one with Granite Construction on the grading and paving. West Valley did the underground on this job.

The Alex Robertson-Bakersfield Inc., finished their 24 mile, 12¾ pipe line between Estero Bay and San Ardo. This was a five 9's job, and was also a good job for the Brothers this Season.

The Green Construction Co. San Antonio job is a good climax for this resumé. The dam is an earth filled structure, requiring 4.15 million yards to create this 198 foot high structure. The job was scheduled for completion for December 1, in order to be ready for water storage this Winter, and is right on schedule.

A soil cement facing was used on the dam in the place of the usual rip rap. Upon completion the dam will impound 350,000 acre-feet of water; and is an outstanding monument to the progress made in the Monterey area. The 125 Operating Engineers working on the Green payroll will agree that this is the type of job we wish we had more often.

All in all this has been a rewarding year for the Operating Engineers. Although the season was late in starting and progressed slowly for awhile, due to the various difficulties for other Building Trades Crafts, the Engineers came up with a fairly good year, with still further work in the offing, weather permitting.

We close 1965 with the Officers, Business Representatives and the office personnel, wishing A Very Merry Christmas to you and yours, and a Happy and Prosperous New Year, with the best of everything in the year to come.

Obituaries

| Name | City | Init. Date | Deceased |
|-------------------------|---------------------|------------|----------|
| Burkholder, Robert, So. | San Francisco | 12-20-44 | 11- 3-65 |
| Cameron, B. A., | Sacramento | 12- 7-46 | 11- 6-65 |
| Crabtree, Wm. J., | Eureka | 10- 1-61 | 11-27-65 |
| Drumm, Denny D., | San Francisco | 11- 2-46 | 11-26-65 |
| Gray, Richard, | Sacramento | 11- 1-64 | 11- 9-65 |
| Dunn, Delmer L., | San Francisco | 9-11-60 | 11-14-65 |
| Grubbs, Doris T., | Madera | 8- 5-50 | 11- 6-65 |
| Hamer, Archie, | Auburn | 9-13-64 | 10-31-65 |
| Hardenbrook, R. M., | Virginia City, Nev. | 10- 4-59 | 11- 6-65 |
| *Hess, Terrance, | Oakland | 4-11-65 | 11-10-65 |
| LeFever, Michael | Colfax | 7-31-47 | 11-11-65 |
| Lowe, Walter, | Fresno | 3-15-64 | 11-18-65 |
| McCourry, C. E., | Oroville | 2- 3-45 | 11- 8-65 |
| McCroskey, L. D., | Redwood City | 8- 6-55 | 11-22-65 |
| McKinney, Leon H., | Colfax | 5- 3-47 | 11-15-65 |
| Moore, U. W., | Santa Rosa | 10- 2-48 | 11-12-65 |
| Owen, Neal E., | Marysville | 10- 1-55 | 11-19-65 |
| Park, Harold, | Project City | 10-16-46 | 11-24-65 |
| *Rodgers, Edwin, | Coalinga | 10- 7-65 | 11-11-65 |
| Thomas, E. L., | San Rafael | 7-11-42 | 11-22-65 |
| Wilson, Marvin, | Aptos | 9- 3-65 | 10-26-65 |
| Wright, Lester, | Sacramento | 6-22-41 | 11-22-65 |
| *Accidental Accidents—2 | | | |

ENGINEERS NEWS

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

For A Union Tire Deal

see

Ralph De Lancey

or phone 532-6323 (days)
731-0499 (nights)

This offer good only to Local 3 members.
Bring this ad with you to verify membership.

New and recap tires — auto and trucks

FRIENDLY ROAD SERVICE

B. F. GOODRICH CO.

(FORMERLY COCHRAN & CELLI TIRE CO.)

Goodrich Silvertown

2344 E. 12th Street, in Oakland

Yuba - Sutter Election Won

Mechanics Improvise Equipment to Fit Need

By HAROLD HUSTON, BILL WEEKS, BILL METTZ,
and ERNIE SUTTON

MARYSVILLE — Old man winter has lived up to his annual expectations and unleashed heavy rain the past few weeks. Most contractors have parked their water wagons, and temporarily laid off the brothers pending inclement weather. We know this lay-off is only temporary as most of the employers jobs were bid on a specified time, and if exceeded, it will cost them heavy penalties.

We believe that all the brothers in this district received their retroactive checks from employers. In the new Master A.G.C. agreement, new wage rates and working conditions became effective June 16, 1965. The splendid cooperation shown by all brothers in reporting contract violations cannot be praised enough. This is the only way to retain a strong, militant organization.

It's official! The Marysville District office will not be moved. The road to the new shopping center will be built around the office.

We urge all Brothers living in the Oroville area to use the Oroville line, 534-1858, when calling this office, which is a convenience for them.

ORODAM MECHANICS' SKILL

The biggest problem facing Oro Dam Constructors on the dam in Oroville is to keep the equipment rolling. Under the supervision of Master Mechanic Brother Whit Little, and his 13 mechanic foremen and 131 Heavy Duty Repairmen and Welders, this job has been mastered.

There are approximately 400 Operating Engineers involved throughout the enormous earth moving project. In addition to the conveyor maintenance shops there are three equipment maintenance shops that service the earth moving and railroad equipment. Oro Dam Constructors' production record shows that the members of Local Union No. 3 Operating Engineers can meet any challenge.

Since the job started members have had many requests for special equipment not available from a supplier. Their needs were presented to the brothers who always get the job done. Plans were drawn, and the equipment was invented and manufactured to serve the needs of the contractor. Our brothers are the best respected of any craft on this project and are considered by management as "first rate men who always do a first class job."

YUBA SUTTER SCAVENGER ELECTION

We extend a "heartly" welcome to all employees of Yuba Sutter Scavenger Co. The tremendous support shown by our new brothers prior to the National Labor Relations Board Election, is admired by all of us. We know the strong vote for the Operating Engineers showed your employer your convictions, and gave your negotiating committee the ammunition needed to obtain a good agreement. The contract will cover all employees who work for this employer in the towns of Marysville, Yuba City, Olivehurst, Linda and Wheatland.

We had one session of negotiations thus far, and feel we will

be able to bring back a contract which we can recommend to this group in the very near future.

As we have stated, before there is a contract, you brothers working for this employer will have a chance to vote on this contract by secret ballot at a special meeting, after it is explained in detail.

After the contract has been approved by the majority of the employees working in this bargaining unit we want every brother to have a copy of the agreement and request you become as familiar as possible with it. This is your bread and butter! Remember to protect it.

YUBA UNDERPASS

The California Highway Commission allocated \$279,835 as the state's share of cost of a railroad bridge at North Beale Road, clearing the way for completion of the underpass project south of Marysville by next Fall.

The \$638,300 project will carry the Southern Pacific tracks above North Beale Road and re-routed Hammon Road traffic.

Yuba County will match the state contribution and Southern Pacific will pay \$78,630. The county has \$290,000 for the project in this year's budget. Tentative plans, subject to county approval, call for start of acquisition of rights-of-way, initiation of utility relocation and advertisement of bids this Fall.

Under this schedule, certain work could be done this winter and the major construction this spring. The project then could be completed in time for the start of school next fall.

The California Department of Public Works announced that the California Highway Commission allocated the money from the grade separation fund.

BEALE HOUSING

After months of delay, a Stanford, Conn. firm has awarded the contract to construct 337 new units of family housing at Beale Air Force Base at a cost of \$4.9 million. Beale officials said they

did not know exactly when construction would get underway, but they hoped it could start in time to get a portion done before the rains start.

Rich submitted the third low base bid on the project. Protests had been entered about percentage of subcontracting in the low bids. Specifications require the prime contractor to do a certain percentage of the work. On top of the base bid were a number of "additive alternates" which include alternate materials or modification for each type of unit included in the 337 units.

Award of the contract has been delayed for months over protests entered on lower bids. Bids originally were opened in February, and construction scheduled to begin in March. However, all the original bids were thrown out in protest because unit price limitations were exceeded.

HIGHWAY BUDGET

Funds for projects in Yuba, Sutter and other area counties are in the state's Highway budget of \$651,919,655 and includes rights of way and engineering in the 1966-67 fiscal year.

The State Public Works list of Northern Valley projects include:

YUBA COUNTY — construction of the initial two lanes of an eventual four lane freeway on Highway 70 between Bear River and just south of Marysville; construction of a four lane freeway from this point to Highway 65, a total distance of 8.4 miles, with interchanges at McGowan Road and Highway 65. The project involves constructing almost one mile of Highway 65 south of the completed freeway to Marysville as a four lane divided highway. Estimated cost is \$3,300,000 of which \$80,000 will be budgeted in the 1967-68 fiscal year.

SUTTER COUNTY — Replacement of a mile long timber bridge on Highway 113 across the Sutter Bypass north of Knights Landing with a wider concrete structure, and construction of about one mile of approaches, at

an estimated cost of \$1,810,000; Acquisition of rights of way on various state highway routes, \$450,000.

BUTTE COUNTY — Relocation of Highway 32 in Chico to permit expansion of Chico State College, at an estimated cost of \$360,000. The city will contribute the cost of improving drainage.

COLUSA COUNTY — Extension of a completed four lane interstate Highway 5 freeway section in Arbuckle to Husted Road south of Williams, where the future freeway will depart from the alignment of the existing highway. Estimated cost of \$7,500,000 to which \$3,100,000 will be budgeted in the 1967-68 fiscal year. Also included is \$410,000 for rights of way on various state highway routes.

NEVADA COUNTY — Construction of portions of highway 49 on improved alignment between 1.5 miles north of the South Fork Yuba River and North San Juan at an estimated cost of \$100,000.

The budget figure, up \$39,487,655 from last year contains \$450,621,000 for major construction and improvement (including engineering); \$179,848,655 for rights of way; plus striping, planning studies and minor improvements. The budget is to be presented to the California Highway Commission at a meeting in San Diego. A total of \$3,000,000 has again been earmarked in the new budget for traffic safety and operational improvement projects in the \$5,000-\$50,000 bracket, particularly at points of accident concentration.

These range from easing curves, installing or modifying signals, constructing left turn lanes, applying anti-skid treatment to the road surface and providing truck climbing lanes.

HIGHWAY 99 COMPLETE

Baldwin Contracting Co., of Marysville, completed work on a \$103,000 project widening a one mile section of Highway 99 in Yuba City.

The project extended one-

quarter mile south of Franklin Ave. to one-quarter mile north of Bridge St. New traffic signals were installed at both intersections. Highway 99 is now a four-lane highway from Franklin Ave. to Colusa Ave. (Hwy. 20) a distance of 1.3 miles.

WEST SIDE

Wittman Co. started the \$3 million job at Arbuckle consisting of five small reservoirs and pumping plants; six miles of interconnecting canal, and 23 miles of underground water lines of varying size.

Frederickson and Watson Construction Co., at Willows, finished all sub-grade on the freeway and most of the a.s. is in place. Hess & Brewer finished its portion of the import on the same job.

Peter Kiewit Sons' is ahead of schedule on both the Orland and Corning freeways. Fresno Paving Co. has all the asphalt to lay on both locations, on the shoulders, on and off ramps, and crossings. If weather permits, all bridges and overhead structures will be completed within the next 90 days.

Fuller Logging Co. finished its clearing operations on the Sacramento River above Colusa removing snags from the Channel and burning all debris.

A. Teichert & Son, Inc., completed bank protection on the Feather and Sacramento rivers. It consisted of removal of sand bags, replacement of levees and rip-rap up to the high water line. Teichert keeps a crew of mechanics busy in its Yuba City shop repairing and overhauling equipment.

H. F. Lauritzen has a \$51,000 contract to repair protective fenders on the Sacramento River bridge at Meridian.

Williams Co., from Los Angeles, started the cable factory at Colusa. Goforth Bros., from Williams, finished excavation for foundations and the compact fill for the slab floor.

Butte Creek Rock was awarded a \$543,119 contract for the Skyway Park Subdivision, southeast of Chico. Morrison-Knudsen Co. is subbing the excavation.

Teichert & Son, Baldwin Contracting Co. and Butte Creek Rock are finishing a lot of small base and paving jobs in and around Chico getting ready for the wet season.

Guy F. Atkinson Co. is pouring concrete on the Thermalito Powerhouse and working two shifts on excavation of the Thermalito afterbay and forebay projects. C. J. Langenfelder and Sons is clearing the Oroville Reservoir.

Oro Pacific's spillway at the Oroville Dam is taking form, and Oro Dam Constructors are moving on a routine schedule. McNamara-Fuller is working the outside work on penstocks and the intake, but work is down pending the results of a controversy over safety condition in a bad rock formation area.

Lord and Bishop poured the bridge deck over the Feather River east of Gridley. Mathews Construction Co. has the approaches ready for base and paving, and about three weeks will see the completion of this project.

Valentine Construction Co., on the Humberg Bridge and approach, is winding things up. Lyle Construction Co. and C.B.I. have a small job at the S.P. gas terminal south of Chico. The Elmer Wendt Co. Blue Rock Quarry is slacking off rip-rap work on Elk Creek.

Marler & Sons, B.C. Richter & —Continued on Page 12



ALL IN A DAY'S RELAXATION—Brother Chester (Red) Abell, right, and friend Goya Wade, left, each bagged a bull moose in British Columbia. We can't condone position of rifles shown above. Guide Ray Armstrong is shown at center. Abell's moose had 43½-inch antlers while Wade's measured a mere 39 inches.

East Bay Greetings

Bid Opening Delayed for Oakland Transit Subway

By ED HEARNE, STAN GARBER, JERRY BLAIR,
TOM CARTER, ORVAL PRESSLY

Oakland, like most of Northern California, suffered a temporary setback due to the recent rains that hit us but we hope for and expect more good weather the rest of this year. Weather permitting, work will be good for most Brother Engineers working in this area.

The Bay Area Rapid Transit District Board of Directors has, for the second time, postponed the opening of bids for the Oakland subway segment of the system.

This was done to allow prospective bidders every opportunity to study the problems involved and sharpen their pencils to a fine point.

The Oakland subway is the first slated to be constructed, and, therefore presents somewhat of an "unknown challenge" to the contractors.

The subway under Broadway will be 25 blocks long—from 21st to 10th St., then south to 7th Ave. Two stations will be located at 12 and 19th Sts.

Bids were scheduled to be opened for this portion, December 3rd. Bid openings for the transbay tube have been re-scheduled from the original date of December 2 to December 9.

We hope the openings go ahead as scheduled and work is soon underway on the two projects.

The downtown Oakland area is humming with work. At present eight sky-scrapers are going up, and will keep many of our members busy during the Winter.

Kaiser Steel's fabrication plant at the foot of Seventh St. is bustling with activity as are the shipyards in Oakland and Alameda.

Most contractors who do not have jobs going, are repairing their equipment in anticipation of upcoming jobs.

Work in plants and shops in the area is still buzzing at this

time, although we've had some rain it has not slowed the work picture any.

Kaiser Sand and Gravel started construction on a new lightweight aggregate plant on Niles Canyon Rd., near Sunol. Winton-Jones Construction is moving the dirt on the project.

Kaiser is going to modernize the old Radum plant mill in the near future using cats and scrapers to harvest material instead of the dragline, hopper and belt method they now employ.

Equipment dealers' shops are keeping men busy for this time of the year. Peterson Tractor has slowed and shortened hours somewhat.

The scrap yards have been fairly busy. Most have a number of ships scheduled ahead.

Nicolai Joffe Co., ship dismantlers, has a number of ships in with a lot of work ahead.

CONTRA COSTA

Shell Refinery, in Martinez, is beginning to take shape now that many of the large vessels, stacks and steel structures have been erected. Much preparation has been made the past two months to make this project workable this Winter. All storm drains are in, and a good portion of the work areas and roads have been paved. All the unpaved areas have been rocked and after the first Winter storms, most work areas are in good condition.

At present there are over 100 operators and oilers on the job. The three major contractors on the project are: Ralph Parsons, C. F. Braun, and Fluor Corp. They intend to work all Winter, and will shut down for bad weather only when it becomes unsafe to work.

Gallagher and Burk finished grading the Sears Shopping Center in Pleasant Hill. Swinerton and Walburg have the footings and first floor walls poured on the Sears Building, thus making

the job workable through the Winter. Taubman Construction made a good start on the buildings on the project and have placed several large pumps on the job to keep the work going through wet weather. Fairley Construction is doing the underground work and has been working rain or shine to get the drainage system in operation.

At the Steel Mill in Pittsburg, American Bridge Co. is keeping a small crew busy on its job. The outlook is for much the same all Winter. Lipsett Co. has two cranes on the job in the mill and should finish about the first of the year. C. Norman Peterson is pretty well along on its contract in the pipe mill, and the job will be completed about the first of the year.

SOUTHERN ALAMEDA

At present the Wunderlich Co. project, on the California Aqueduct from Byron to Tracy, has

95 Operating Engineers employed pushing 50 major pieces of earth-moving equipment. About 2,000,000 cubic yards of dirt of the 8,000,000 cubic yards contract has been completed to date.

The work of lining the canal, involving 170,000 cubic yards of concrete and scheduled to begin next spring, will probably increase the project's manpower.

Foremen on this project are: Byron Fenn, Don Sutherland, Jim Kelly, Larry McCormick and Maurice Parsons. Steward is F. N. Flanders, and the safety man is Bus L. Elliott.

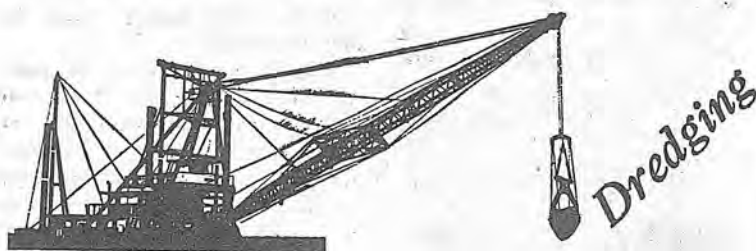
Gordon H. Ball's freeway project from Dublin to Sunol, covering eight miles, started September 18 of this year, and completion date is November, 1967. It includes 10 bridges and concrete paving. They have ap-

proximately 3,500,000 yards of dirt to move. The over-all cost of this job is in the \$8,000,000 bracket. The clearing at this time is about 75 percent complete.

The men have a good start on the pipe and roadway excavation, but the first rains have brought things to a standstill. Work will resume as weather permits.

The project manager is Daryl Doyle; master mechanic, Lou Jones; foremen on the grading spread, Oscar Barnes and J. T. Smith; running the pipe crew is A. Covey, and Frank Lofquist is the lubrication engineer on the grease rack. Stewards are Marion Darrill and D. H. Shirts.

The Oakland Business Representatives and office staff extend to the members and their families most sincere wishes for a Merry Christmas and a Happy New Year.



By AL HANSEN

Associated Dredging has a small job of repairing levee on the Marin Canal ways in San Rafael with the dredge "Pacific." The crew is made up of Brother Pete Kroelich, Captain, and Brother Les Fowler, Deckhand.

Associated Dredge "Orton No. 10" at present is in the process of moving up to the slough area with their crew of Roy Hinkley, Sr., and Roy Hinkley, Jr.

The City of Tiburon recently received an application from Construction Aggregates Corporation for a permit to allow them to dredge in excess of Angel Island, south of the island. The corporation has a permit for the deposit of this material on the lands of Leslie Salt property, also known as Redwood Shores.

Construction Aggregates has also been granted a mineral extraction lease to authorize extraction of sand from Point Knox, Alcatraz and Presidio

Shoals in San Francisco Bay.

Olympian Dredge "Golden Gate" is making progress on the San Francisco job with a crew of six.

Western Pacific Dredging job at Suisun Bay has a crew of 10 men on graveyard and day shift.

The Foster City job, which Hydraulic Dredging is on, has a very good sized crew consisting of 25 men.

Dutra Dredge has its dredge "Sacramento" in operation at Liberty Island and the "Liberty" at Baldwin Island. At present, there is a quite a bit of work going on in the Delta area.

Shellmaker's dredge "Vanguard" at Rio Vista, also at Richardson Bay with their dredge "Gypsy."

Charles Hover dredge working hard on the Strawberry job. At present, Hover's rig is dredging channel on Elmer G. Wendt's job at Bahia, which has been shut down due to the weather.

CAR BUYERS

The new 1966 models are here!

See your **CREDIT UNION--now**
financing new car loans



- **Contracts written up to 36 months for**
- **NEW '66 CARS AND TRUCKS**
- **BOATS AND TRAILERS**
- **MOBILE HOMES (up to 7 years)**
- **HOUSEHOLD APPLIANCES**
(TV SETS, STEREO-HI FI, WASHER, DRYER, REFRIGERATOR)

NO EXTRA CHARGE

CREDIT UNION INSURANCE

Mortgage insurance protects you and your family in event of death or total permanent disability.

(NO WHERE ELSE IS THIS OFFERED)

YOU "AUTO" FINANCE

THROUGH YOUR

Operating Engineers, Local 3

CREDIT UNION

474 VALENCIA ST., SAN FRANCISCO, CALIF.

Phone: 431-5885

or See your **DISTRICT LOAN OFFICER** Now

Sacramento Report

Bids for Twin Bridges Slated for January 5

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

SACRAMENTO—The State has set January 5, as the opening date for bids on the twin 4-lane bridges across the American River above the old Jibboom Street Bridge. This will include interchanges at Richards Blvd. and Garden Highway, and will be the first major contract of 1966 let for the Interstate 5 Freeway that eventually will cross Sacramento.

Stolte, Inc. is presently building an overpass on Capitol Mall between second and third Streets that will allow Interstate 5 to go under the Capitol Mall.

Fredrickson & Watson is engaged in a freeway project which will service the new County Airport, but will become part of Interstate 5 when the bridge across the Sacramento River near the Elkhorn Ferry is completed.

Speaking of the airport, things have slowed down on this project, while the County decides how thick the asphalt and concrete should be. They have decided now that the concrete at the "touchdown point" on the runway should be 13 inches instead of 12, and decided to use a 100-ton rubber tired roller to roll the sub-grade.

The Redevelopment Agency has signed another contract to rebuild the west end of Sacramento. If this contract doesn't fall through like the one with Reynolds did, we should see some activity in that area.

Peter Kiewit & Son, Inc. ran into an unsympathetic judge in its dispute over the borrow pit in West Sacramento where workmen obtained dirt for the W-X Street Freeway. The judge awarded the rest of the dirt to Stolte, Inc. for use on its portion of the W-X Street Freeway because it had figured in the bid and had not in Kiewit's. This slowed Kiewit down on the dirt portion but currently heavy equipment is making good time on the rest of the project as well as on the 29-

30th Street Freeway. Stolte has subbed the clearing to Gravelle & Gravelle which have most of the trees cleared at this time.

Kaiser Steel has all the steel in place on the Sacramento side of the river, and moved all the equipment to West Sacramento. Fruin-Colnon has moved a 50-ton American Crawler Crane in to handle the concrete pour of the deck portion of this project.

A. Teichert & Son is presently engaged in building a unique sub-division, at least for the Sacramento area.

The sub-divider purchased an unusual lake that was little more than a frog pond in the Pocket area and is having house pads built out into the lake in a cul-de-sac fashion. He is also planting Palm trees all around the lake to give it a paradise setting.

Brother Clem Marchant extends his thanks to the brothers on the Fredrickson & Watson job at the airport for their generous contribution during his recent illness. He reports their thoughtfulness was greatly appreciated.

WEST SACRAMENTO

We have had an especially good year for the brothers, but now the out-of-work list is beginning to build up because major jobs are nearing completion and Winter is here.

From what we read in the papers regarding bid-letting by the State, the prospects look good for the coming year. Moseman and Granite are putting the finishing touches on approaches to the W-X Street Bridge.

DAVIS — WOODLAND

A. Teichert and Son is rushing to clean up their subdivision job around Davis and Woodland. Granite has just about finished the new hospital job in Woodland; Nielsen-Nickles Co. is making good progress on its job on the Campus in Davis, and it

looks like there will be more money available for work on the campus in the coming year.

INDUSTRIAL UNITS

The Arden Sand and Gravel Co. has made considerable headway with the erection of its new plant at Folsom. It should be in full production by Spring. The Teichert Sand and Gravel Co. has made headway with the erection of its new plant at Perkins.

We have been informed that the Pacific Cement and Aggregates Co. will build a new plant in the Mather area in the near future. The land has already been purchased.

The work load in the gravel plants has slowed due to the rainy season which has hit the Sacramento area; however, if the rains let up, there is still a lot of rock to be made this season.

Brothers working for Tenco Tractor are very busy overhauling employers' equipment during the Winter months.

L. R. Murphy Scales Co. has informed us it is busier than ever with the production of industrial scales. We have 60 brothers employed by this firm, and it looks like they will be busy throughout the Winter months.

The Sierra Bit and Drill Corp., at Roseville, has started construction on a new plant and shop at Roseville costing about \$100,000, and will be completed in about two months. This firm is a distributor for the Joy Drill Co. and manufactures drill steel. The new plant and shop, when completed, will distribute products for 11 Western States.

We welcome the new members at Drewes Manufacturing Company to Local No. 3. This is a new firm in this area, and manufacture and distributing drill steel throughout several states. We hope to have the contract negotiated by the time this paper reaches you. We wish this firm a lot of success in the years to come, here in Local No. 3.

The brothers employed by

a standstill due to the work slowing in the Home Building Industry, however, there are some orders being sent to other areas.

The Associated Metals Co. moved its plant on Jibboom St. to the North "B" St. plant, and is now in full production. We have about six brothers employed by this company on a year around basis.

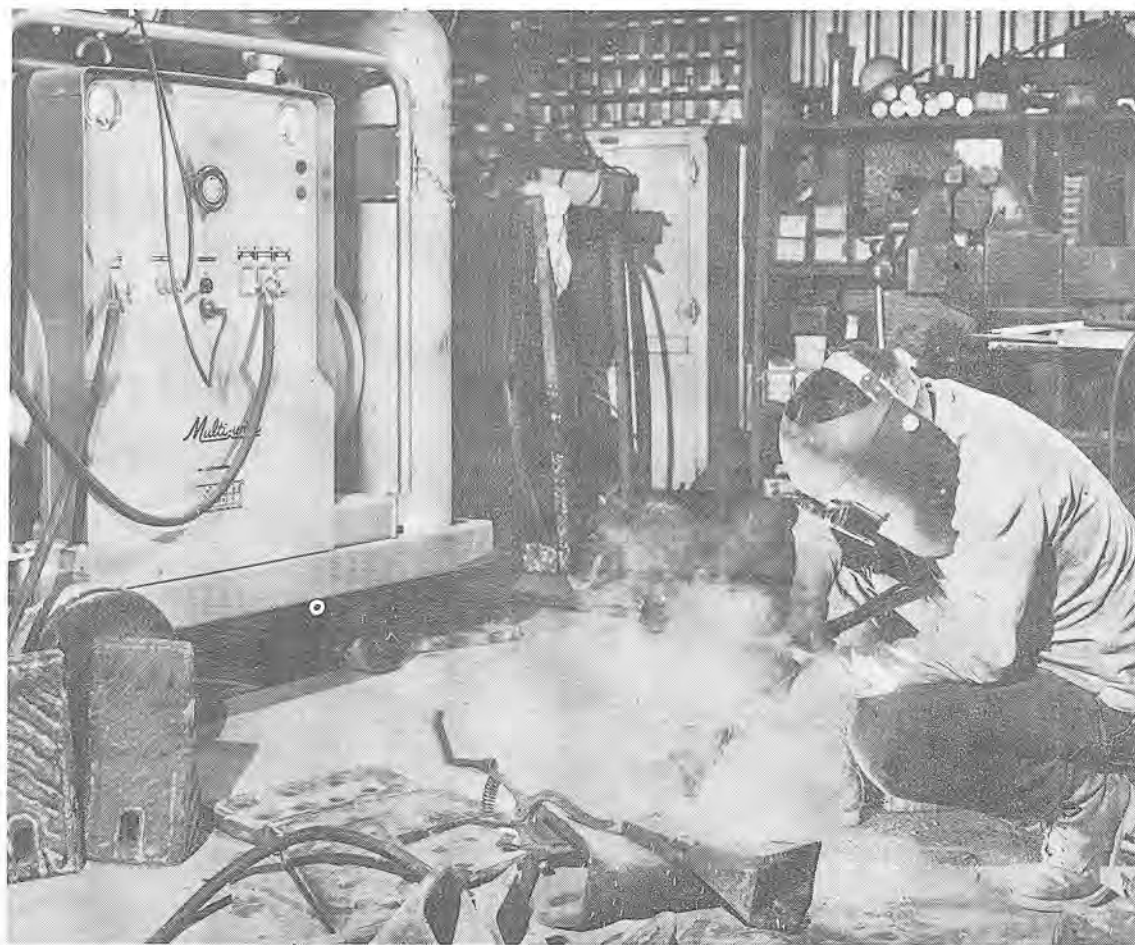
The Interpace Co., at Lincoln, has cut back to a two-shift operation. This didn't cost any of the brothers their jobs due to increased production in other sections of the plant. There are about 150 brothers employed on a year around basis here. They have been very busy throughout



CLEANUP—Brother Bill (Squeaky) Ash cleans press-well in Auburn Tunnel which connects American River and Auburn Ravine in Cphir, a distance of 17,758 feet under the city of Auburn. This was last tunnel in county's Middle Fork American River project.



STRAINING—teamwork, headed by Brother Bob Kaine, left, steward on Emil Anderson Auburn Tunnel, helps dismantle this slick line. Auburn tunnel is part of 24 miles of tunnels in a system to carry American River water to arid sections of Placer County.



HARDFACE—Here Butch Michaelis is hardface welding with a Hobart multi-wire welder onto shovel bucket teeth with dozer corner bits on floor.

Peninsula Hub News

Schedules Slowed as Rains Hit

By BILL RANEY, MIKE KRAYNICK, GEORGE BAKER

SAN MATEO—The recent torrential rains slowed dirt moving in San Mateo area to near zero. In previous years when early rains slowed the rubber tire rigs to their present state, it resulted in a generally good winter for Engineers. A great many sizeable jobs are now behind schedule and will no doubt, bloom to full activity if we have ten days of good weather.

Despite the rain, there are many hundreds of Engineers working nearly full time, mechanics, shops, cranes of all types, loaders, dredges, production shops, scrap yards, batch plants, forklifts, etc.

Several large jobs have barely started, such as Caputo's San Mateo Creek Bridge site, with Kaiser's highline towers now up and rigging starting.

Guy F. Atkinson has the San Mateo Hayward Bridge approach to complete, also a large job connecting Junipero Serra to Skyline Blvd. in addition to the

mammoth Northern section of Junipero Serra.

Kaiser has two rigs, the "Matly B" and the "801" at the San Mateo Hayward rBridge site setting the small 200-ton lifts that span the lower piers. The gaint 500-ton rig has not, as yet, appeared on the site.

Bragato Paving Co., Oscar Holmes Co., McGuire and Hester, Fisk, Firenze and McLean, Granite, AAA Construction Co., Hydraulic, Paul Boullin, Wilsey, Ham and Blair are working every chance they get around Foster City, while LeBouf and Dougherty is doing a tresle job at the San Francisco Airport.

M & K Corp. won the Colma Creek sand removal job this year. Edco Construction Co., from Richmond, will do a 78-berth floating dock job at Coyote Point.

Sad tidings for a number of the Brothers, or their families in San Mateo this last month. Apprentice Dave Prater lost his father in November.

Brother Hugh Meara lost his wife due to a heart attack. Don McCroskey will be missed by many of us. He passed away recently. Brother Vernon VanNorman is still in Peninsula Hospital recovering from losing part of his left arm after flipping his 'cat' over last month. Elmer Shaw is recovering from a heart attack.

The San Mateo staff wish all Engineers and families the very best of Christmases and a very profitable New Year.

Design Apprentice Trademark; Win \$100 First Prize

An official emblem or trademark is being sought by this state's apprenticeship program, and California's nearly 24,000 registered apprentices are being invited to enter a contest to design it.

The contest was announced this week by Charles M. Sanford, chairman of the California Conference on Apprenticeship.

Sanford said that the California Apprenticeship Council, a body appointed by the Governor, will be asked to consider the winning sketch as the official Apprenticeship trademark for California. The winning sketch will carry with it a \$100 award, plus special a presentation at the fourth biennial meeting of the California Conference on Apprenticeship, April 13-15, 1966, in Los Angeles.

All registered apprentices and those who have received Trade Certificates in 1965 may submit entries. Deadline for entries is January 15, 1966.

Entry blanks and further information are available from any member of your Joint Apprenticeship Committee, or any Division of Apprenticeship Standards consultant or Bureau of Apprenticeship and Training field representative.



INSIDE—Auburn Tunnel workmen do final cleanup before end of shift. Here is dinky train hauling concrete for lining tunnel on Emil Anderson Co. job. Project was finished 18 months ahead of schedule, a record for overall Middle Fork projects.

the season, and will continue full scale production throughout the Winter.

POLLOCK PINES

Once again the fall of the year has come around. Most of the brothers have had a good season and could stand a little rest.

The Kuckenber Construction Co. is coming to a close on its Highway 50 job in the Eldorado Hills, but will keep the mechanics on to repair equipment.

Brighton Sand & Gravel is doing the finishing work as well as the "hot stuff." They have another job in the Eldorado Hills off Highway 50 which should last about two to three months.

Fadel Construction Co. is moving along rapidly on the Freeway job at Bass Lake. They are doing a lot of drilling and shooting and have a fair group of our brothers working good hours.

Seven million dollars was appropriated for Highway 50. This should make another good job in future years.

The contract on the Placerville Airport job is about to be let as well as a number of small jobs throughout the Pollock Pines and Placerville area.

Harms Bros. is setting up a plant in the Lotus area along Highway 49 on the Bacchi Bros. property. Material will come from the American River.

Henningsen Ready Mix is putting up a Portable Crusher in the Gurly Creek area, and will furnish the aggregates for the Bennett Murray Road Project at that location.

The White Rock Powerhouse and Penstock will be let the middle of December.

Gates and Fox is 600 feet deep on the Loon Lake shaft and is half finished with its contract.

THE HIGH COUNTRY

It has finally arrived—the rain and snows! Everything slowed. It's cold and frosty up here, so "old man Winter" is moving in!

Hell Hole Dam should be up by the time this reaches you, if the weather holds. They will still have quite a bit of rock to place upstream, but it will hold water. The Concrete Division of ARC

says it will operate throughout Winter. This will keep a considerable number of Engineers busy on the plants and in the tunnels.

The Hardeman project has practically phased out. They are doing a penstock at the Drum Powerhouse which should be completed near the New Year.

Darkenwald has completed its job and is moving the rigs out. This was a very good job and well handled by our brother operators and management.

Harms Bros. contract to clean the Drum Afterbay is complete, and this company is in the process of moving the rigs down out of the snow and ice area.

The Norman I. Fadel job, in Nevada City, has slowed down again, but it is supposed to go full speed if the weather permits. We certainly hope the weather holds.

We would like to extend "SEASONS GREETINGS" to all Brothers and families of Local No. 3.

The following members have donated blood to our Blood Bank since the last publication. This is very much appreciated as our reserve is very low: Howard Baxter, Richard E. Bell, Mrs. Gertrude R. Canet, Raymond Dolce, and Fred Wachtel.

We are holding checks and correspondence for the following members: Kenneth Ames, Reid Bartlett, Frank C. Beams, Jesse Boswell, Rod Campbell and James H. Clark.

Oscar Dodson, Richard Haddock, Carl E. Johnson, K. E. King, H. Knoff and Dave Mitchell.

John Arnold Moore, E. Nordyke, Rex Palmer, Ed Pashepi, Howard K. Ralston, and Owen Rundell.

George Shea, L. Strickland, T. N. Tafolla, Wayne Walker, Charles Webb and Earl H. Whitaker.

We wish to extend our deepest sympathy to the families and friends of the following brothers who have passed away: Delmer L. Dunn, Richard Gray, Mike Lefever, Buster A. Cameron, and Archie Hamer.



CUTTING, FITTING—Carl Earl is shown here in Industrial Service shops cutting angle iron for small brush rake in back-ground. The company is one of few making brush and rock rakes.



FATHER, SON TEAM—Gerald "Butch" Michaelis and his father, Darrel, right, work side by side in Industrial Welding Service and Sales shop in Grass Valley serving contractors from seven western states in maintaining equipment and building speciality items.



HIGHLINE — Operating Engineers erected this highline to erect a bridge near Casper, Calif. in the Redwood Empire. The booms are 180 feet high

and between the spans measures nearly four-tenths of a mile. Brother Cliff Comer is the operator of the highline, an unusual sight in this district's

construction picture. The work is being done by Gist Co. of Sacramento. Lifting capacity is 50 tons.

Redwood Empire

Log Cutting Ceremonies Dedicate New Freeway

By RUSS SWANSON and WHIT WHITAKER

SANTA ROSA—Another year is nearly history, and, we in the Santa Rosa office, in reviewing the year have fond memories of the many good things which have happened which reflects the co-operation which everyone has extended to us.

This year has been one which has found work to be plentiful, and with increased wages and long hours worked by many of you, it should help to make this season one of the best in history.

(See adjacent picture of the modern approach to dedicating the new Highway 101 freeway around Ukiah. Normally, in an event like this, a city's mayor or county's chairman of the Board of Supervisors will cut a ribbon with a leggy model close at hand guiding his hand. But in the

Redwood Empire, we do things in a grand style, and use a log with Operating Engineers performing the official "cutting ceremony".)

Now that the weather has turned, let us explore the one item which is included within the rules of the Department of Employment which item is known as a "Partial."

It appears, after talking to many of the brothers, that some of them are puzzled as to what is meant by a "Partial," and we feel that an explanation is in order, as it could be advantageous to many.

A "Partial" applies to an employee who is regularly employed by an employer, and the employee's work week is affected by weather or other circum-

stances which reduces his work week to a point whereby he earns less than the weekly benefit amount as determined by the Department of Employment.

The following pertains to various rules concerning the "Partial"; should any of them affect you—use them to your advantage.

1: The employer usually has forms, but if he fails to have them or to know of them, then both information and forms may be obtained by him by contacting the Department of Employment. Most employers in this area are familiar with the "Partial."

2: The "Partial" means that those regular employees whose work week is reduced and his earnings fall below the normal benefit amount, then the employer may state the amount of earnings for the week on this form and the employee may apply to the Department of Employment for benefits, providing that he applies within 28 days of the issuance of the form.

For example—when a condition arises when you expected to work during the week, and no work or pay was provided and further, you had passed the Wednesday deadline for signing up for unemployment insurance, then for those of you regularly employed by the employer, you may obtain a "Partial." This applies even though the deadline had passed, you will still be eligible to obtain benefits as long as you apply within the 28-day deadline. As can be seen, it is worthwhile to explore this angle.

If you work a short-time each week, then the "Partial" may go on indefinitely, and under these conditions the employee is not required to sign the "Out-of-Work" list or look for employment elsewhere.

However, if you are unemployed and receive no pay for a continuous two week period, then the "Partial" will no longer apply, and you will go on with your regular benefits.

There are many questions re-

volving around this subject, but the above should give you a brief outline and should you have any questions, contact us or the Department of Employment for clarification.

WORK OUTLOOK

Work in the area for next season appears to be fairly promising. In previous "Engineers News" issues, we reported on the various big contracts anticipated and will not go into any detail at this time. However, an additional job, not previously reported, is Syar and Harms freeway project on Highway 29 near Napa. They were the successful low bidder at \$1,134,251.

A further operation which should prove to be quite interesting is the sub-division planned on the north shore of Clear Lake. The Innsbruck Corp., from Orange County, is ready to start one section costing in the vicinity of \$1.5 million. This includes waterways for most of the lots and the houses are to be built on a European design.

CREDIT UNION

You will do yourself a favor if you join the Credit Union. Maybe this is all that should be said, but it is such an important

personal item that more must be said. You read about the workings of a Credit Union, but you can't possibly be benefited unless you take an active part.

We have been fortunate in this area to have had the treasurer, "Red" Ivy, give us a real good run down of the program, but we were not so fortunate in another respect because of the slim turnout at meetings. Please make an effort to attend any of these meetings—get involved with the Credit Union—it was established to help you find a way to save!

BLOOD BANK

In the last month's issue of the "Engineers News" we read, with admiration, of a number of engineers in the San Mateo area who signed up and donated blood in order to build up their reserve for an emergency. We would like to do the same. Our supply of blood is limited. If you feel the idea is a good one, contact us and we will do our best to form "B" Day where we can all get together in Santa Rosa for the purpose of donating our blood.

Please contact the Santa Rosa Office if you would like to take part in an effort such as this.

GET IT FROM
BACON!

Construction Equipment and Supplies sold by ERBCO have served the construction industry since 1910.

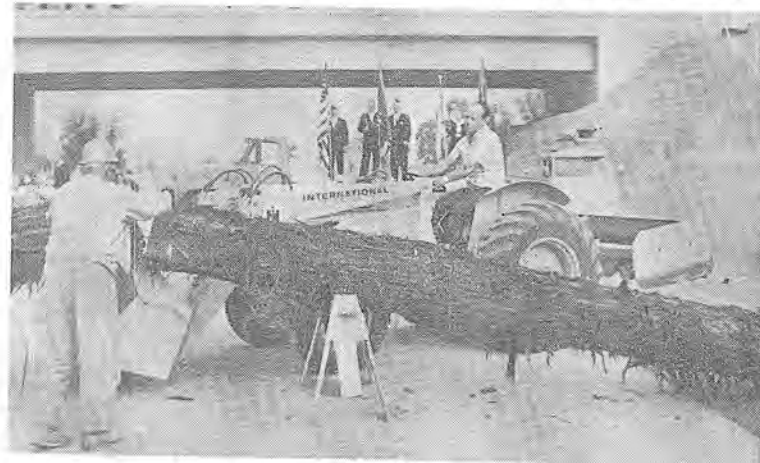
To our friends, old and new, our Appreciation and Best Wishes!

We look forward to serving you in '66.

get it from

EDWARD R. BACON COMPANY
CONSTRUCTION EQUIPMENT

Folsom at 17th Street, San Francisco, Calif. 94110 (415) 431-3700
Sacramento • Oakland • Fresno



DEDICATION—Ceremonies were held in the middle of 101 Freeway by-passing Ukiah recently. In place of usual ribbon-cutting ceremonies, officials dedicated the Redwood Highway with a redwood log from a nearby lumber company and sawed the log. Gordon Ball was the contractor. Shown here are Foreman Joe Romel, removing log with Elton Hess operating the loader.

Time of Growth

Salt Lake Skyline Soars in Year of Change

By HUGH BODAM, JAY NEELEY, MERLIN BOWMAN, JOHN THORNTON, VANCE ABBOTT, TOM BILLS and JACK SHORT

SALT LAKE — The year 1965 will be remembered for the year of great change in the Salt Lake City skyline. Many towering structures contributed to the change, including the tallest building in Salt Lake, and Utah, the University Club Building at 136 East South Temple. This 24-floor structure reaches 375 feet into the sky with its monolithic reinforced concrete frame. Each floor contains 14,500 square feet of floor space. Since the building is 375 feet high, it affords a magnificent view of the valley.

On Social Hall Ave. in Salt Lake City, which is known as the home of Utah's biggest television studios and an old landmark in Salt Lake, a modern look is taking over. Latest change is the ad-

but there is still a good deal of pipe to be laid up the west side dump area.

There is still a lot of work to be done in the precipitation plant area, and most of the work here will last well into next Summer.

Kennecott Copper is moving along pretty well with the expansion program. They are still somewhat behind with the waste removal in truck haulage. They recently bought two new 15-yard shovels, one Marion and another P & H. These shovels are supposed to be in and ready for production sometime in December and January.

Brother Dale Marr, Vice-President, recently visited us and showed us a safety film at Kennecott Copper membership meet-

peared the plant would close for lack of contracts.

Snow has forced Strong Co. to close down on the Utah-Colorado job in the Dinosaur National Monument. The elevation at this job is near 9,000 feet from sea level. The grade has been completed and the company was crushing road base and gravel when the weather drove them out.

Tiago Construction Co., which was working in another part of the Dinosaur Park, finished and has arranged to take the Local 3 operators that were working on the hot plant and paving crews into Colorado near Maybell where it recently acquired another paving job.

L. A. Young Co. is working a full crew of 15 men at the Dutch John Draw road leading to a boat ramp on the Flaming Gorge reservoir. This job consists of mostly rock and could last through the Winter, depending upon its severity.

Brown Plumbing & Heating Co., a new company to heavy construction, has six operators on another boat ramp job near Manila at Sheep Creek Bay.

A new agreement was recently reached and ratified by the employees of Clark Engineering Co., of Orem, a machine shop with 23 employees. It will be appreciated if any members in the area who know these employees encourage them to join and support Local 3.

SOUTHERN AREA

Many Brothers are aware that the usual seasonal slump in work has taken effect. Job completion, combined with Winter weather has contributed to the ranks of the unemployed and the growing out-of-work list. There is some work scheduled to be advertised from time to time throughout the area; however, not all of this will provide enough Winter work. A very good program is expected for early Spring. We would advise those who become unemployed to register on the various out-of-work lists with their correct telephone number and address. This is also helpful in qualifying for State Unemployment Compensation.

The new Utah Health and Welfare booklets are now available at the various offices. These have the new provisions and benefits recently obtained by the Board of Trustees for those eligible under the Operating Engineers Trust Fund. Please ask for them and become familiar with your Health and Welfare program.

There is quite a bit of organizing activity going on in the area. This is very time consuming which means the representatives are not always available; however, complaints and problems will be taken care of as soon as possible. Any volunteer assistance from the Brothers in these efforts will be appreciated and will improve your organization and bargaining power.

NORTHERN STATE

Progress is being made on the overland access to the remote and rugged northern part of Lake Powell. This will be welcomed by boatmen and fishermen who are interested in the utilization of the unique recreational asset in Southeastern Utah.

Currently Arizona has a great advantage over Utah because of

northwest of Lake Powell. The new routing is expected to be ready for use in 1966.

An all-weather, hard-surfaced road south from Hanksville is necessary for full utilization of the National Recreation area. The 135-mile "trail" from Hanksville to Blanding, essential to circle touring in the matchless canyon country, urgently needs major improvements.

The problem of providing permanent ramps and other basic facilities at the Bullfrog Basin recreational site below Hite, without an access road has caused major headaches. The federal government is putting up major sums for the vital tourist routes but the Utah Highway Commission has still been faced with the dilemma of building access routes to Lake Powell while meeting increasing needs for urban highways.

The U95 project has one advantage; work will continue through the winter while adverse weather conditions may shut down construction on other Utah road programs.

More--Manager's Memo

Continued from Page 2—

hours for Health, Welfare credit in addition to pension credit monthly.

APPRENTICESHIP

Apprenticeship this year nearly doubled in numbers and volume. At the end of last year we counted 400 Apprentices enrolled; this year we are training over 700, and most are indentured. We also graduated several this year and they have now taken their place with the Journeyman operator.

The Governor of Nevada, Grant Sawyer, recently signed into law the Apprenticeship program for his state and hailed it as a long-needed program to help in assuring his state a sounder economic base by training young men to become Journeymen of tomorrow.

The Local 3 College Scholarship program saw entries from every corner of our jurisdiction, and our only regret is that more scholarships could not be given.

CONFERENCES

Administratively, we attended International Union of Operating Engineers conferences in the various sections of the nation and had opportunities to compare ideas with other local union managers and the General President Hunter P. Wharton, General Secretary Newell J. Carman, Executive Vice President Dick Nolan and the rest of the Executive Board members of the International.

SAFETY CODES

New State Safety orders were re-written after exhaustive meetings and discussions throughout the state. The orders were streamlined to be of further protection to our members while on the job. We still have a long way to go in preventative safety, and with the help of members in the field and on the jobs funneling information to their Business Representatives, perhaps we can cut down on some of the carnage going on in unsafe jobs within our jurisdiction.

Through the initiative of Local 3 the state and federal health services conducted extensive heat, noise and dust surveys and will analyze the results and report after the first of the year.

RETRAINING PROGRAM

The International officers visited our jurisdiction many times with President Wharton at our Executive Board meetings, Business Representatives seminar, and at the graduation ceremonies of the Camp Roberts MDTA retraining school which this year was expanded to include 500 men from California, Nevada, Utah and Montana local unions.

THE OUTLOOK

The outlook for 1966 is a bright one. Dams, highways, tunnels, dredging, skyscrapers, bridges and sub-divisions are being planned and awarded almost weekly. Auburn dam has started surveying and the end is not in sight for Oroville and San Luis dams and canals.

This year has been prosperous and happy for many, however, we regret the loss of many of our members through death, and offer our sincere condolences to their loved ones left behind.

And many who are not with us this Christmas season were lost through accidents. Let's all make our motto to "think safe, work safe" during the coming year.

I believe it is perfectly safe to say that next year could be even more rewarding than 1965 if we all pitch in and work as a team for the continued benefit of Local 3.

Again, Merry Christmas and Happy New Year to all Local 3 members and their families.

Christmas Still Lives

SALT LAKE—Christmas still lives . . . depressions, earthquakes, floods, and wars cannot destroy it; the darkness of fear cannot blot out its light; hatred, envy and jealousy cannot withstand it; greed and selfishness retreat before it. Nothing can stop its onward march into the hearts of men. . . . Christmas still lives! Like a blanket of softly falling snow the spirit of Christmas covers the world.

Once again our thoughts reach out toward the Star of Higher Things; once again Faith, Love and Service are abroad in the land. The radiance of Christmas lights up a storm-tossed world with the brilliancy of new hope; it brings evidence of the potential goodness and greatness of man; it is a sign that the ideals of the Master will yet transform the earth. The trend of humanity's spiral is upward. Christmas still lives!

To all our members and their families may we, the Business Representatives and Office Personnel, extend our sincere wishes for a joyous Holiday Season and a Healthful and Prosperous New Year.

dition of a modern parking ramp. The five-level structure sits on the north side of the street and replaces an old style business building. This building isn't auto-oriented. Space for retail shops has been incorporated on the street level.

Utah's new showplace is the 20-floor (two below ground) Kennecott Building which houses the headquarters of Kennecott Copper Corporation, the states' largest industry.

Another important building occupant is Zion's First National Bank, a prominent banking institution in Utah since its founding in 1873 by pioneer leader Brigham Young.

The building measures 270 feet from sidewalk to penthouse roof. Five high-speed Otis elevators provide the fastest service in Utah. A sixth elevator serves the 13th through 18th floors for exclusive use by Kennecott office employees. This is indeed a building all Utahns can be proud of, and we hope to have pictures and more information on the progress of these and other buildings in future issues of "The Engineers News."

BINGHAM CANYON

The job at Bechtel Corporation in Bingham Canyon is moving at a rapid pace. The six-inch pipeline to the new truck shop has been completed and will provide 150,000 gallons of water daily, primarily for road sprinkling.

Most of the pipeline across the flat from West Jordan to Coperton has also been completed,

ings. About 350 employees saw the film and listened to his interesting comments.

NOTICE

Members at Kennecott and Utah Sand & Gravel companies—everyone has made a real effort to pay their dues up-to-date, but we still have a number of members who are behind; we urge you brothers to bring your dues up to date.

Next Kennecott meeting will be the first Thursday in January, and the first Thursday in every other month thereafter.

Utah Sand & Gravel membership meetings will be on the fourth Tuesday of every month; this also is the regular meeting for Concrete Products employees and Western Phosphate.

PROVO, EASTERN AREA

The out-of-work list pretty well tells the tale of the work picture in this area. At present there are 110 "A" Operators on the out of work list.

A few small jobs are rapidly finishing up in the Utah County area with one small job to be let before the first of the year. This will be the extending of Center Street in Provo towards Provo Canyon.

American Bridge Co., at Geneva, which has been keeping a few operators busy in the past, is nearly shut down because of lack of work around the U. S. Steel Co. sprawling steel mill.

United Concrete Pipe Co., at Pleasant Grove, will keep operators for awhile with some large diameter pipe to be made. It ap-

Eureka Relaxes

Rainy Season Offers Change of Pace

EUREKA — Yes, rain finally hit this area, and to some of the Brothers it is a heavenly sight! It has been a good year, but it has also been one with long hard hours and a little time off is welcome!

A number of the jobs will keep operating between rains in order to complete projects.

Work in the Crescent City and Gasquet area is still going, however this is mostly rip-rap work. Granite Construction Co., at Gasquet and Idlewild, will sell its job to the State the end of December.

Fredrickson and Watson has four to six weeks remaining on its job, while Desjardin and Son has finished work at Patricks Creek.

Rock plants at Smith River are still grinding out rock for Fredrickson and Watson, Granite Construction and the small jobs around Crescent City. This is keeping some of our brothers working.

Cooney Steel is still setting the steel for the Martins Ferry bridge on the Klamath river with a hi-line. Brother Buses is doing a fine job on this operation, 285 feet above the river. He has a pretty touchy job!

Fruin and Colnon is putting in three more bridges between Weitchpec and Pecwan, regardless of the rains.

Murphy Pacific has the same operation on its bridge at Orleans—rain or not, brother Herbert Wever is driving piling with a P & H truck-crane.

Thomas Construction Co. is nearly shut down on the dirt job at Hoopa, but will have a stand-by crew working this winter to keep the road open for

traffic. It has been a rough job, with all the loggers and other traffic.

Over in Willow Creek, Granite Construction Co. is nearly finished with the big slide. This was another "hurry up" job, and the town's residents appreciate this, as it was a big threat to local business. They were covered with mud and debris from the same mountain last winter.

Silberger Construction Co. is working on the Fortuna Levee job trying to keep ahead of the rising waters of the Eel river.

Scotia Freeway is at a standstill at present, but Green Construction says they will keep going "weather permitting."

Mail and checks being held in Eureka office for the following brothers: Lester Chamberlain, J. A. Conner, D. L. Steele, and J. W. Dunnaway.



SLIDE REMOVAL—it happens every year in Eureka. They are the first to be flooded and first to have trouble with slides. Here equipment works to cleanup a 160,000 cubic yard slide at Willow Creek last year. Crews have a 310-foot cut on three benches and moving 500 yards hourly.

New Freeways Slated for Vallejo

By AARON SMITH

VALLEJO — The State Division of Highways surveyors are presently "staking out" portions of Highway 40 (Interstate 80) between American Canyon Rd. and the Cordelia Freeway.

The project will be one of the largest in the Vallejo District upcoming for 1966.

Another freeway job has been announced in Napa, between Trancas Rd. and Redwood Creek Rd. north of town. The job was awarded to Syar & Harms for \$1.2 million.

By Spring, the old capital town of Benicia will take on a new appearance with the start of 1200 new houses in the first phase of the South Hampton sub-division.

Here in Vallejo, Syar & Harms has three housing projects under construction in College Park, Admiral Callaghan Lane and the Old Carquinez Heights areas.

Rains, however, have pelted the district and northern California, and the only thing "going up" is the out-of-work list.

We feel, however, that with many projects in the "finish stage," and others which started late this year, will try to continue work as weather permits.

Bilright Construction Co. was awarded a contract to erect a new fire house in Vallejo at a cost of \$105,989. Underground Construction Co. is working on a sewer job, and should be complete in early 1966.

A. Teichert and Son has several sewer jobs, and was recently awarded another. The company has other work in the area including sub-divisions and streets.



Willmoth Construction wound up its dirt job at Ulitas Creek, and is now doing some dragline operations in addition to cleanup. Elmer Wendt Co. has worked well on the project and Joe Richards moved many yards of material on the middle section of the flood control job with Cat and Can hauling a major portion of the material.

As we reach the end of another year, we look forward to the challenge of 1966. We think

it will be fruitful for everyone in the district, and wish our Vallejo District Brothers and their families a MERRY CHRISTMAS and HAPPY NEW YEAR.

The vallejo office is holding return mail (possibly checks) for the following Brothers: Les Metz, John MacKenzie, Marcus Scroggins, and Paul Bassham, Denver Kendall, Don Adair, Charles Bate and Larry E. Smith. Please call at the office.

Hydro-Conduit Moves 30 Engineers to New Plant

Continued from Page 6—

Harms and Mastolotto Enterprises are all working steady to supply the local demand in the Oroville area.

We have quite a few owner-operators working in the area on Service Stations, small housing projects and drainage for private parties.

The Journeyman Trainees we have in the area are working out very well, and the program will work out better in the Spring when we will have more equipment and jobs to fill.

Morrison - Knudsen started clearing the Thermalito Power Canal, and is moving equipment from the San Luis dam in Los Banos to do the job here.

INDUSTRIAL UNITS

The Hydro-Conduit Co. moved into its new plant at Orland to start production. This plant will employ 30 brothers transferred from plants at Chico and Marysville. LaCasella Concrete Pipe Co. employees are extremely busy building the stock piles again.

In Chico Peterson Tractor Co. is retaining 30 brothers overhauling machinery for various customers. This work should continue for several months due to the heavy amount of construction work in this area.

The scrap yards have held a steady pace, and it should continue through the rainy season. We have several brothers employed by various scrap dealers on a year round basis.

Yuba City Steel Co. has been so busy it had to go on a two shift operation to fulfill the customers demands. This company keeps about 25 brothers employed. Diamond Steel Co. also has been very busy this season. If the demands from their customers continue they will be busy for several months.

Tenco Tractor employees, at Marysville, are being kept very busy due to the heavy amount of construction work in this area.

Marysville gravel plants have slowed to a standstill; however, there are a number of jobs being bid at the present time, and when they do get underway it should change things for the gravel industry.

We want to welcome the new members at George's Contractor Rentals at Oroville, recently organized by Local 3. There are about 12 year-round employees in the shop.

A FRIENDLY THANKS

Our thanks to the Journeymen in this district for your help and cooperation making it possible to more than double our much needed apprentice program.

It is gratifying to know you feel as we do, that we are all working toward a worthwhile goal. Speaking for the apprentice and the Joint Apprenticeship Committee, again, we thank you.

HOLIDAY GREETINGS

May everything good come your way this joyous time of the year, and throughout the New Year!

Survey Notes

By
DAVE
REA



The old adage, "one man's loss is another man's gain" holds true this time of year.

While rains fill streams and rivers it points up the necessity for reservoirs, canals and bridges to cross the latter, and brings surveying work to build these man-made wonderpieces.

Right now, the streams are filling, but our Surveyors won't have any "dam" work until the rains stop.

NEW CONTRACTS

As stated in last month's Engineers News under Survey Notes, we are organizing in all of Local No. 3; for only through a strong jurisdiction and continued membership support can we hope to maintain fair and equitable contracts.

STEEL AGREEMENT

Recently the membership ratified the Steel Erectors agreement, and for the first time all Surveyors' classifications were included. With an increase in wages, and fringe benefits it is another "move ahead" for Local 3.

I recently received a letter from Brother Hugh Meara with an interesting quotation from the Irish Digest. It is an accounting of an Engineer who accompanied Oliver Cromwell when he made his infamous Invasion of Ireland in 1673. The following is quoted from the "Down Survey":

"The principal division of this whole worke was to enable certayne persons such as were able to endure travaile, ill-lodginge and dyett, as alsoe heates and colds, beinge alsoe men of activities that could leape hedge and ditch, and could alsoe ruffle with the severall rude persons in the country from whome they might expect to be often crossed and opposed (the which qualifications happen to be found among severall of the ordinary shouldiers) such, therefore, (if they were but headful and steddily minded, though not of the nimblest witts) were taubht how to make use of their instruments, in order to take the bearinge of any line, alsoe how to handle the chaines, especially in the case of risinge or fallinge ground; as alsoe how to make severall markes with a spade, whereby to distinguish the various breakings and abutments which they were to take notice of; and to choose the most convenient stations or places for observations."

I hope you find this Engineer's accounting as interesting as I did, and

I wish you all a Merry Christmas and Happy Holidays!

While a large number of cancers in animals now are known to be caused by viruses, the American Cancer Society says there is not yet any conclusive evidence that any human cancer is virus-caused.

Search Begins for Two Million Missing Persons

Nearly two million persons are being sought in a huge missing persons hunt being conducted by the Social Security Administration.

Claude E. Dawson, acting social security district manager in San Francisco, said these people may be eligible for hospital and medical insurance benefits provided by the Social Security Amendments of 1965.

These people, 65 or over, are now eligible under the new broad program of health insurance known popularly as "Medicare." But, they are unknown to the Social Security Administration because they have not taken steps to sign up under the program.

The missing persons are divided into two groups, Dawson said. Over 900,000 are those over 65 who have never filed claims for benefits, usually because they are still working. Another 800,000 over 65 do not have enough credit for work under social security to get benefits.

These missing persons, or members of their families, are urged to get in touch with their social security offices without delay to establish benefit rights so they may receive health insurance and other benefits when the program goes into effect July 1, 1966.

Wet Weather Persists

Contractors Need More Sunshine to Finish

Two Projects Start in Marin; Third Wins O.K.

By TOM ECK, ED DUBOS, LOU BARNES

REDDING — Last month we talked about no rain in the Redding area and for October was very unusual. But November is making up for this drought. Contractors and the Brothers were taking advantage of the sunshine — and working long hours and then it started to rain. Now contractors are cussing for if they had one more week of sunshine, they could have finished portions of their jobs and at least winterize them!

Norman I. Fadel has its job down in Anderson due to the rain where they still have a \$600,000 dirt job to move, and due to the type of material they are moving it would only take about a week of good weather.

Jack Tiemann (superintendent) says they could go "first cabin" if the weather would clear, and this would put about 15 men back to work. Completion date is suppose to be April, but the weather will stretch this beyond that time.

D. B. Stutsman's Happy Valley pipe job is nearing completion with over 85 per cent complete. Baker-Anderson, also working at Happy Valley, is about 35 per cent complete on its project. Both projects are down now.

The Fredrickson & Watson and Lord & Bishop Tehama-Colusa Irrigation Canal was going great guns until the rains came.

We are very sorry to hear about the car accident Don Norred and Ben Clark (Apprentices) had a few weeks ago. Ben is still in the hospital and we hope before long he will be up and around.

Fredrickson & Watson had one of the things happen that makes a man question how some people think. Here were two boys in an accident with most of the tools they carry in their pickup. These were stolen. To us this is a "chicken trick." People that knew these Apprentices can verify (as will their bosses) that they are good boys and darn good workers!

Valley Engineers, of Corning, are 65 per cent complete on their main line with about all the laterals are left to finish. Jim Scott has a repair crew of about five men on call for flood damage.

Valley Engineers, of Redding, are 95 per cent completed and are finishing the cleanup work such as drive ways, ditches, etc. Bud Cox has taken his crew plus a few of the boys from here to a job near Wallace to lay about 20 miles of gas pipe for P.G.&E.

Gill Construction Co. and Lindo Engineers were awarded \$56,862.00 for a Forest Information Service on the Whiskeytown overlook. The parking area has already been finished and I might add this has a wonderful view of the lake.

T. A. R. (Timber Access Roads, Inc.) were awarded a \$758,743 project approximately 48 miles northwest of Beegum and Peanut. This project may not start before the first of January as they have subbed out the clearing to Larry Kizer and Brummus who have 45 working days to finish the clearing. Kizer and Brummus will have three cats working on this part of the project.

When highway planners in

1956 mapped the Federal Interstate system or so called "Super Highway" for which Congress contributed 90 per cent, 2,166 miles fell within the State of California.

As of September 30th, California opened 983.1 miles to traffic. Had work underway on 1,179.4, of the 1,179.4 miles underway 304.1 was under construction and 875.3 miles on which Engineering and right of way acquisition had begun.

California has a record budget for the fiscal years 1965 and 1966. The north area should get a good share for most of the system is all but completed in the south land.

Hudson and Moseman are 95 per cent complete on the Pit River Bridge job and with the completion of this the state hopes to let another portion of freeway north of the bridge connecting with the Kizer and Heintz job.

The Kizer and Heintz project had planned to work all winter on the freeway job at O'Brien

hoping there would be enough rock to keep the fills workable, but as of this writing they have closed down until spring — unless we get a break in the weather and this seems rarely remote.

Peter Kiewit & Sons' have finished their McCloud Dam job and are moved or moving all their equipment to the railroad siding at McCloud. Brother Bill Davis the Master Mechanic says he will keep two or three mechanics busy repairing equipment until the first of the year. After coming out of the rock there is a lot to be done.

S.K.M.M. have about two weeks left on the Penstocks running from Portals No. 1 & No. 2, keeping about 15 Engineers busy rain or shine on the cleanup and loading out. The Super hopes to take 10 or 12 of these Brothers down south with him to start another tunnel job.

Granite Construction Co. has completed the Iron Canyon Dam project and moved all the equipment out. PG&E hopes to open the gates at McCloud Dam and through the series of tunnels and penstocks and reservoirs will

start generating electric power sometime around the first of December. This will mark the end of a lot of creative work by the Brother Engineers.

There hasn't been much activity in jobs being awarded in the area, however, it is too early to form any conclusions. There has been a number of small jobs let in various locations throughout the area — bridges and approaches, small flood control jobs etc.

We have had a lot of inquiries about the new freeway job at Yreka. As of this writing it hasn't been advertised by the State and probably won't be until after the first of the year. This job will be a big one.

Plans are in the making to build a four-lane freeway on 299E running from 99 to the new college site. We could get some activity on this in the coming year. The County and State are looking ahead and have completed a portion of this where it intersects with the new 99 freeway by-pass.

The State Park Commissioner is going to do considerable road work in the lava bed park at Tulelake, as a matter of fact the one portion now ready to go will be advertised in the near future.

In talks with State Officials they hope to get started in the coming year on a good portion of 195 running from Canby to Tulelake on a two lane expressway. They are buying property for the freeway of the future.

Best wishes for a speedy recovery to: Lloyd Lang, Garnett Spittler, Al Carey and Tom Norton.

Blood Donors for the month are: Mrs. June Schjoth and Milton Schuette.

We are still holding checks for the following: W. A. Brady, G. D. Boggs, O. E. Ellis, O. N. Hodges, J. W. McIntyre, J. B. Nichols, G. E. Nelson, E. E. Phillips, B. Smith, W. Stanton.

J. C. Thorp, R. E. Rodgers, Lloyd Dailey, J. D. Griner, M. L. Hartley, R. D. Hutchinson, R. Pelletier, I. R. Pierre, B. H. Smith, E. Thompson, P. E. Williamson, F. B. Withers, S. E. Davis, L. A. Everett, L. L. Harvey, George Butler.

R. E. Rodgers, G. L. Reed, Walter Eagleman, Herman Hashagen, Al Bechtold, Harlan Chism, Bernard Smith, Chester Menacher, C. Baker, J. A. Bateman, V. Bartow, A. Carey, R. G. Dabler, J. Folowell.

J. D. Gilbert, P. W. Gillis, F. James, J. H. Landgraff, W. C. Mingles, H. Ritchie, M. K. Solberg, V. M. Stienfelt, M. N. Triplett, M. M. White, W. F. Barnes, G. L. Drummond, E. N. Felstet, I. C. Hamilton, and J. M. Roth.

Local 3 Evening Hours Listed

There have been many times in the past years that members or their wives have called regarding evening hours various Local 3 offices are open.

Recently, Business Manager Al Clem conducted a survey of evening hours which are listed below for your convenience.

San Francisco—Monday, 7 p.m.
San Mateo — Thursday, 7 p.m.
San Rafael — Thursday, 7 p.m.
Vallejo — Thursday, 7 p.m.
Oakland — Tuesday, 8 p.m.

Stockton — Wednesday, 8 p.m.
Modesto — Thursday, 8 p.m.
Eureka — Monday, 7 p.m.
Fresno — Thursday, 7-9 p.m.
Marysville—Thursday, 6-8 p.m.
Redding — Monday, 7-9 p.m.
Sacramento — Wednesday, 8 p.m.
San Jose—Wednesday, 7-9 p.m.
Santa Rosa—Thursday, 6-8 p.m.
Salt Lake — Thursday, 8 p.m.
(Provo, Ogden open 1-5 p.m.)
Reno — Thursday, 8 p.m.
Hawaii — Monday, 7-9 p.m.

By AL HANSEN,
JIM JENNINGS

SAN RAFAEL—Marin County last month witnessed the start of two major projects, and won approval of a third.

Of the first two projects, Merz Brothers Co., of San Rafael, completed excavation for a \$10 million high rise apartment behind the Bell Aire apartments in Greenbrae. When work resumes, after wet conditions forced a halt, we will have about a dozen engineers on the job operating a tower crane, forklifts, loaders and hoists.

Project Manager is John Hancock and Beck-Utah the contractors.

The second job started last month was the "Lucas Green Shopping Center," located at the intersection of Highway 101 and Lucas Valley Rd. It is a 42-acre dirt job, and Linscott Co. is the contractor. At the peak, there were about 14 pieces of heavy equipment on the job.

The third major project, Marinello in south Marin, received the green light from the Board of Supervisors recently. This means there will be a lot of work when the project finally breaks ground.

Throughout the rest of Marin and southern Sonoma Counties, work has come to a halt because of wet conditions.

Marin's largest dirt job at Bahia, south of Novato, shut down for its annual winter rains. Contracting company is Elmer Wendt which normally employs about 40 Operators.

John Dobbins, partner in Dobbins and Floyd Crane Service called to let us know he had a new crane shipped here from the East. It's a 15-ton Grove.

Despite recent heavy rain storms, the rock and gravel plants are working. Hein Brothers quarry in Petaluma is keeping 10 men on the payroll.

Others still working, including redi-mix plants are: Basalt Rock at Novato and McNear Point; Hutchinson, at Greenbrae; Camgros Gravel, Shamrock Materials and Petaluma Redi-Mix.

It is the sincere wish of District Representative Buck Hope, Business Representative Al Hansen and Jim Jennings and office gal Terry Haag, that everyone in the San Rafael district enjoy a Merry Christmas and Happy New Year with their families.

A change in bowel or bladder habits could be an early warning sign of cancer, according to the American Cancer Society. The Society recommends a visit to one's doctor to find out for sure.

Learning by Working

"Education," according to Black's Law Dictionary, combines the training of the mental, moral and physical powers of an individual, and it is the responsibility of the "educator" to give proper moral, as well as intellectual and physical, instruction.

The Operating Engineers Apprenticeship program is concerned chiefly with assuring incoming apprentices with the opportunity of continuing the education process.

In the field, the Journeyman, foremen, business representatives

and absorb physical and moral skills in the field under able tutelage of Journeymen and foremen.

This is the key to a successful Apprenticeship program which is designed to upgrade the skills of the Operator to meet the challenge of change — a technological change brought about by the demand for lower costs and higher production.

While 1965 offered a "work boom year," the year ahead is taking on all aspects of being better with the expected result of more working apprentices.

APPRENTICES EVERYWHERE

Today, wherever mountains are being leveled, canals coursing through arid areas, dam construction going on at unbelievable and inaccessible areas, roads and freeways carrying traffic at a faster, smoother and more safe pace, an Apprentice is learning his trade.

With the advent of the helicopter used in construction, our Apprentices are here, too!

In Redding area last month we saw our first apprentice graduate to Journeyman. Ron Criss, who had been an oiler in Local 3, took advantage of the Apprentice program, and today is a Heavy Duty Repairman for Peter Kiewit on the McCloud Dam project.

TROUBLE CHASING

At American River projects, Bill Burns his hands inside Euclid and other transmissions at Hell Hole. Bob Bitner chases mechanical troubles at Oxbow Dam and keeps up his studies every night at school miles away at American River College.

Pete Higginbotham is helping Hoot Gibson whittle down parts of the Sierras for Lee Stephens, near Wiemar; Al Seaton is winterizing equipment on Harde-man's job; Dick Smart is acquiring more "smarts" for Brighton Sand and Gravel at Perkins shop.

In Fresno area, Bob Emler, Elton Armstrong and Jim Melton are teaching at Fresno City College Monday through Thursday.

OFFICE IS MOVED

The Apprenticeship office moved the first of this month to expanded and remodeled quarters above the Bank of California on Sixteenth St. in San Francisco.

The telephone number remains the same—431-3835, but the new address is: 3068 Sixteenth St., San Francisco.

of the Union and the coordinators combine talents to further the Apprentice program and its objective—to improve the trade's skills and strengthen the Union.

In the Operating Engineers Obligation, he takes an oath to "do all in my power to advance the interests of this organization . . . and never wrong a Brother Engineer if it is in my power to prevent it."

The Apprentice also attends classroom instruction at a qualified night school under qualified teachers who must have five years experience as a journeyman Operating Engineer and gained teaching experience in related classroom instruction.

Most classes are offered two nights weekly for a total of four hours.

JOURNEYMEN ASSIST

In this manner, the Apprentice is given the opportunity to learn technical skills in the classroom and improve his mental capacity,

MEETING NOTICE

NOTICE OF SEMI-ANNUAL MEETINGS

Saturday, January 8, 1966 — Saturday, July 9, 1966

Both meetings held at San Francisco Labor Temple

16th and Capp Streets, 1:00 P.M.

DISTRICT MEETINGS at 8:00 P.M.

*** Election of Grievance Committee delegates shall take place at the first District Meeting of the year in respective districts.

JANUARY

DISTRICT 1

San Francisco — Jan. 5,
Labor Temple, 16th & Capp Sts.

DISTRICT 4

Eureka — Jan. 11,
Engineers Bldg., 2806 Broadway.

DISTRICT 7

Redding — Jan. 12,
Engineers Bldg., 100 Lake Blvd.

DISTRICT 6

Oroville — Jan. 13,
Prospectors Village,
Oroville Dam Blvd.

SUB-DISTRICT 1

Honolulu — Jan. 19,
I.B.E.W. Hall,
2305 So. Beretania St. 7 p.m.

FEBRUARY

DISTRICT 3

Stockton — Feb. 1,
Engineers Bldg.,
2626 No. California St.

DISTRICT 9

San Jose — Feb. 2,
Labor Temple, 45 Santa Teresa

DISTRICT 8

Sacramento — Feb. 3,
C.E.L.&T. Bldg.,
2525 Stockton Blvd.

DISTRICT 2

Oakland — Feb. 10,
Labor Temple, 2315 Valdez St.

MARCH

DISTRICT 5

Fresno — March 8,
Engineers Bldg., 3121 E. Olive St.

DISTRICT 10

Ukiah — March 10,
Labor Temple, State St.

DISTRICT 12

Salt Lake City — March 11,
Teamsters Hall,
443 South 6th East St.

DISTRICT 11

Reno — March 12,
Musician's Bldg.,
124 W. Taylor St.

APRIL

DISTRICT 4

Eureka — April 5,
Engineers Bldg., 2306 Broadway.

DISTRICT 7

Redding — April 6,
Engineers Bldg., 100 Lake Blvd.

DISTRICT 6

Marysville — April 7,
Elks Hall, 920 D St.

DISTRICT 1

San Francisco — April 13,
Labor Temple, 16th & Capp Sts.

SUB-DISTRICT 1

Honolulu — April 20,
I.B.E.W. Hall,
2305 So. Beretania St. 7 p.m.

MAY

DISTRICT 3

Stockton — May 3,
Engineers Bldg.,
2626 No. California St.

DISTRICT 9

Watsonville — May 5,
Veteran's Memorial Bldg.,
215 Third St.

DISTRICT 8

Sacramento — May 10,
C. E. L. & T. Bldg.,
2525 Stockton Blvd.

DISTRICT 2

Oakland — May 12,
Labor Temple, 2315 Valdez St.

DISTRICT 5

Fresno — May 31,
Engineers Bldg., 3121 Olive St.

JUNE

DISTRICT 10

Santa Rosa — June 2,
Veterans Bldg.,
1351 Bennett Ave.

DISTRICT 12

Provo, Utah — June 10,
165 W. 1st North,
Labor Temple

DISTRICT 11

Reno — June 11,
Musicians Bldg.,
124 West Taylor St.

JULY

DISTRICT 1

San Francisco — July 6,
San Francisco Labor Temple,
16th & Capp

DISTRICT 4

Eureka — July 12,
Engineers Bldg., 2306 Broadway

DISTRICT 7

Redding — July 13,
Engineers Bldg., 100 Lake Blvd.

DISTRICT 6

Oroville — July 14,
Prospector's Village,
Oro Dam Blvd.

SUB-DISTRICT 1

Honolulu — July 20,
I.B.E.W. Hall,
2305 So. Beretania St.

7:00 p.m.

AUGUST

DISTRICT 3

Stockton — August 2,
Engineers Bldg.,
2626 No. California St.

DISTRICT 9

San Jose — August 3,
Labor Temple, 45 Santa Teresa

DISTRICT 8

Sacramento — August 9,
C.E.L.&T. Bldg.,
2525 Stockton Blvd.

DISTRICT 2

Oakland — August 11,
Labor Temple, 2315 Valdez St.

SEPTEMBER

DISTRICT 10

Ukiah — September 1,
Labor Temple, State St.

DISTRICT 5

Fresno — September 6,
Engineers Bldg., 3121 Olive St.

DISTRICT 12

Salt Lake City — September 9,
Teamsters Hall,
443 So. 6th East

DISTRICT 11

Reno — September 10,
Musicians Bldg.,
124 West Taylor St.

OCTOBER

DISTRICT 1

San Francisco — October 5,
San Francisco Labor Temple,
16th & Capp

DISTRICT 4

Eureka — October 18,
Engineers Bldg., 2306 Broadway

DISTRICT 7

Redding — October 19,
Engineers Bldg., 100 Lake Blvd.

DISTRICT 6

Marysville — October 20,
Elks Hall, 920 D St.

SUB-DISTRICT 1 OF

Honolulu — October 19,
I.B.E.W. Hall,
2305 So. Beretania St.

7:00 p.m.

NOVEMBER

DISTRICT 3

Stockton — November 1,
Engineers Bldg.,
2626 No. California St.

DISTRICT 9

Watsonville — November 3,
Veterans Memorial Bldg.,
215 Third St.

DISTRICT 8

Sacramento — November 8,
C.E.L.&T. Bldg.,
2525 Stockton Blvd.

DISTRICT 2

Oakland — November 10,
Labor Temple, 2315 Valdez St.

DECEMBER

DISTRICT 10

Santa Rosa — December 1,
Veterans Bldg.,
1351 Bennett Ave.

SWAP SHOP CORNER: Free Want Ads for Engineers

FOR SALE

EL DORADO Cadillac convt., '55, perfect throughout. Also, '56 Ford and '55 Ford pickup, \$500 each. Don Thoms, 5 Sunnyhill Dr., Petaluma. Phone days at S.F. office, 431-1568 or evenings, 762-9238. Reg. No. 1154357.

ROCK CRUSHER, jaw & roll, dbl. deck, vibrating screen, feeder conveyors. Henry Sand, Jr., 42342 Os-good, Fremont, phone 656-5649, Reg. No. 1101983.

LOADER, D-6, equipped for logging, 2 1/2 yd. bkt., ex. cond. worth \$12,000 will take \$10,000. Milton Veerkamp, Garden Valley, Calif. Phone 333-4514. Reg. No. 1059637.

MOBILE HOME 61', G.M.C. fully equipped, \$1995. Bobby C. Cooper, phone 674-5457, 29303 Ave. 13 1/2, Madera, Calif. Reg. No. 1058339.

MOBILE HOME 59', Majestic, 10x57, 2 bdr., furn. \$3200. W. Coppler, 5715 Santa Cruz Rd., Sp. No. 10 Atascadero, Calif. Reg. No. 911132.

64' CASE CRAWLER, Backhoe/loader, gd. cond. Larry Clonzo, 101 Suf-field Ave., San Anselmo, phone 454-5233. Reg. No. 1054952.

DAVIS TRENCHER T78 and Backhoe with Trailer—nearly new, William H. Voth, 1239 Brown Ct., San Leandro, Reg. No. 1192154.

CHAIN SAW, Homelite, completely rebuilt, 28" blade, extra chain; 7/8 stanley drill; H.D. Model, Bruce W. Gregory, Box 197, French Camp, Calif. Reg. No. 870940.

PLUMB TOOLS, full set, heavy duty, three-quarter drive, 24" Crescent, chest, \$85. Glenn Parish, 5815 Cole St., Oakland, phone KE 4-4349. Reg. No. 302214.

SCOOP, Ford Ferguson rear lift, reverse "A" frame; 20" blower attach to Ford power takeoff; hearing aid, \$250 off. H. W. Schellin, 19073 Carlton Ave., Castro Valley, 582-4698. Reg. No. 484646.

ROCK CRUSHER, 12 x 20 Champion No. 4 1/2, good roads macho, \$550. 24 x 14 rolls, Traylor eng. \$650. Wendell Knight, 1459 R. St. Newman, Calif. phone 862-2420. Reg. No. 404029.

HUBER ROLLER 5-3 ton, Cat Blade 212, Int'l. water wagon L. 170, 1500 gal. \$8,750. E. Saljack, 4032 May-belle Ave., Oakland, Phone 532-3274. Reg. No. 592951.

VACATION TRAILER, '64 Sundowner, sleeps 6, Dan E. Carpenter, 21021 W. McSwain Rd., Stevenson, Calif. phone 632-3263. Reg. No. 955056.

MOBILE HOME, Paramount, 50x10 Ft., fully equipped, plus extras. \$3000. Walt Ponsler, Rt. 3 Box 93-A-10, Woodland, Calif. Phone 682-0030. Reg. No. 908758.

D4 CAT, with hydra-dozzer, chisels and sub-soiler tools, good condition. G. M. Cooley, Box 161, San Carlos, Calif. Reg. No. 583707.

BACKHOE, John Deere Model 51. Attachment can be offset, 100 hours since new. L. G. Sparks, Big Sur, Calif. Phone Big Sur 5811. Reg. No. 640903.

ROAD GRADER, \$3500. Blade tire, 1400x24, like new, \$125. H. M. Simpson, 1196 Libert Rd., Petaluma, Calif., phone 763-1443. Reg. No. 664003.

WELL DRILLING rig, big 6x6 truck; 1000 feet drilled line and pickup truck. \$5000. Charles W. Criswell, 240 North A. St., Tulare, Calif. Phone: 636-5520. Reg. No. 918845.

1964 CAMPER, Magic Touch, 10 ft. Also kingsize bed, icebox. Stove with oven and broiler, like new. Glen C. Derrington, 36468 Charles St., Newark, Calif. Reg. No. 863723.

TURRET LATHE, Pratt & Whitney hexagon, 22x72 inches, gearhead with four jaw chuck. Sacrifice for \$395. Doyle Smart, 4316 Bidwell Dr., Fremont, Calif. phone 656-5680. Reg. No. 1045372.

LOHAIN TRUCK CRANE, 12 ton, good condition. E. F. Butler, 1120 Carroll Ave., San Francisco, phone: 324-0535. Reg. No. 267476.

MOBILE HOME, Flarimont, 55x10 feet, \$1800 for equity. Air conditioner, \$600 in awnings, carpets. Lovell Walden, 2995 Lafayette St. Sp. 52, San Jose, Calif. phone: 241-3721. Reg. No. 1112002.

16' CHIEF ROCKHOLD boat, 233 Chev. eng. Trade or sell for out-board. Price: \$1100. Roy Ledbetter, 5879 Park Ave., Marysville. Reg. No. 535751.

3-BDRM. home, 1 acre remodeled, 1700 feet, close to shop center, \$17,000. Roy Ledbetter, 5879 Park Ave., Marysville. Reg. No. 535751.

SEAVIEW LOT, 25x125 feet, Castro Valley, \$2000, Jim Standley, 2150 Somerset, San Leandro, Phone: 266-1042. Reg. No. 598698.

CATTLE TRUCK, '49 Int. with racks; also O-M generator jeep, 4 cycle gas engine, trailer. Howard Sampson, 1196 Liberty Rd. Petaluma, phone: 763-1443. Reg. No. 664005.

'49 FORD pickup, '52 Merc. eng. looks, runs good. Radio, heater. \$190. Faun Willden, 980 S. 8 St. East, Salt Lake City, phone: 364-7107. Reg. No. 1053521.

DISTRICT 5

Fresno — December 6,
Engineers Bldg., 3121 Olive St.

DISTRICT 12

Ogden, Utah — December 9,
Teamster's Hall,
2538 Washington Blvd.

DISTRICT 11

Reno — December 10,
Musicians Bldg.,
124 W. Taylor St.

POWER DRILL with stand, 1/2hp, \$60, and, '55 T-Bird, two tops, chrome wire wheels, cherry through-out, \$2000. Stan Maksim, 24 Desvio Crt., Pacifica. Phone evenings 359-2239. Reg. No. 1187335.

GRADALL, Model 2460, with boom extension, 1-ripper, 1-24" bkt. 1-60" bkt. tires like new, ex. cond. Paul W. Tessa, 1070 Happy Valley Ave., San Jose, phone 408-252-0540. Reg. No. 533760.

'53 FORD 1/2 ton P.U. \$200. John Furrer, 221 Milton Ave., San Bruno, phone JU 8-8326. Reg. No. 1087495.

JEEP P.U. '56, 1 ton, 4 wheel dr., 6 cyl. Warne hubs, heater, good tires. \$800. Giuseppe Tomatis, 6245 Dry Creek Rd., Napa, Calif., phone 996-6511. Reg. No. 535795.

LOADER, D-6, 2 1/2 yd., overhauled, roller & tracks good shape. \$8000. Fred Biolsi, 11191 Farndon Ave., Los Altos, Calif., phone 967-2157. Reg. No. 714891.

CUMMINGS Model A, 6 cyl. 84-hp, rebuilt at Cummings including shaft, pistons, sleeves, generator, fuel pump, \$300. Lloyd Bulger, 5008 Feather River Blvd., Marysville, Calif. Reg. No. 753343.

COMPRESSOR, 3 phase, 220-449v. 5 hp. Model TV451 Cochran, like new. \$450. Bill Cullen, 3218 Fitzpatrick Dr., Concord, phone 689-3141. Reg. No. 892450.

BACKHOE, Warner Swaze on 1 1/2 ton Chev. truck, heavy duty, good shape. \$1850. Trade or finance. Bud Wells, 124 Hermosa Ave., Oakland, OL 4-4591. Reg. No. 557433.

CAT DW 20, 67c with 456 scraper, good cond. \$12,500. Bob Crow, 6421 Lupine Crt. Newark, Cal. 793-3239. Reg. No. 811868.

IHC truck motor, trans. \$100, also four 6-ply tires, \$50. Warren McElroy, 10355 Beardon Dr. Cupertino, Cal. Reg. No. 1082358.

MOBILE HOME, Paramount, 12x60, 2 bdr. clean, 447-3269. L. A. Christman, 1306 Via D'este, Livermore. Reg. No. 589221.

CAT D2, hydra-dozzer, Cat D4, traction loader, with/without Hyster winch. Morris Poss, 21772 Westfield Ave., Hayward, 581-8150. Reg. No. 476995.

'57 FORD 1/2-ton pickup, 4-spd. utility body, two 30-gal. oil tanks, \$450. Jay Crownoble, 3911 Cayente Way, Sacramento, Reg. No. 870831.

14' NUNES boat, 25-hp Evinrude, trailer, \$450. See at 2328 Orleans Dr. Pinole or call Jim Daigh, 758-0765. Reg. No. 384970.

TROJAN 23-ft. boat, 170-hp inter-ceptor, clean, many extras, \$2250. Hank Thompson, P.O. Box 21234, phone: 686-1418 in Concord, Calif. Reg. No. 1175164.

OROVILLE, 2-bdrm. home, overlooking forebay, sprinkler system, air conditioned, near new school, bal. \$8800, payments \$70, normal down. John Vandevier, 6109 Coyle Ave. Sacramento, Reg. No. 750551.

SKI FISH boat, 14', with 40-hp Merc. outboard, seats 6, \$450. Ken Wilson, 1397 Searcy Dr., San Jose, phone 266-1033. Reg. No. 160914.

LOT, near Lake Donner, view, ex. location, all utilities, 5000 gal. septic tank, must sacrifice due to illness. \$5000. Nicholas Sardo, 115 Greenfield Ave., Vallejo, phone: 642-2362 after 6 p.m. Reg. No. 103-6021.

'65 SPEED-O-PRINT Copier Machine with extra paper & fluid. Like new. \$125.00. Ken Bird, 1943 Union Avenue, Fairfield, Calif. Phone 425-4471. Reg. No. 1128266.

3 BDR. NEW HOME, 2 bath, w/w carpet, fireplace, dbl. garage, one acre. C. C. Conner, Box 131-A, Butler Road, Grass Valley, Calif. Phone 273-8131. Reg. No. 1075413.

'57 MOBILE "Transahome" 35 x 8, 2 bdr., dinette, large water heater, exc. cond. C. C. Conner, Box 131-A, Butler Road, Grass Valley, Calif. Phone 273-8131. Reg. No. 1075413.

2 BDR. HOUSE, lot 112x150, nice garden, 5 miles from Oroville, \$12,500. Leo H. Morrison, 84 Crane, Oroville, Calif. Phone 8841. Reg. No. 518617.

2 BDR. HOUSE, good Ford Tractor or nice Trailer House would make good down payment, bal. \$30 mo. Floyd E. Gorrell, 6547 N. Shaffer, Winton, Calif. Phone 358-8131. Reg. No. 592880.

ACCORDION, Ladies' 120 Base Frontalini; 26" six-speed bicycle; American Flyer electric train—trade for comparable guitar w/amplifier. C. W. Young, 33149 Glenmoor Drive, Fremont. Phone 793-5449. Reg. No. 997636.

MICHIGAN LOADER, 125-A, extra motor & parts with low bed trailer, tractor. Will take \$12,000. Paul Hurst, 5425 Kirkland Way, Carmichael, Calif. Phone 487-7697. Reg. No. 1133415.

Personal Notes

MARYSVILLE

We are happy to have Brother Nyle Nagle back home after two weeks in the hospital at Salt Lake City, Utah.

Brother Bob Gwin is home from the Fremont Hospital in Yuba City; Brother John Rankin stopped by the office happy to be released from Gridley Memorial Hospital; Brothers Dennis Little and Bill Francis are presently in the Gridley Memorial Hospital; Best of luck to Brother Stan Kolb in the Herrick Memorial Hospital in Berkeley.

Also on the hospital list is Brother Harl Stewart in Oroville.

STOCKTON

Our thanks again to Brother Edgar Stephenson, who has been a consistent donor to the Operating Engineers' Blood Club.

Brother Gerald Greene was struck by an automobile in Tracy, and is hobbling around, with the aid of crutches, on a fractured ankle and multiple injuries.

Brother Coy Sanders, injured in the same manner, is still recuperating.

Brother Dale Sanders, who broke his heel on the P.C.A. plant in Tracy, just recently had to have the fracture re-broken, as it was not healing properly. He will probably be laid up another three months.

Brother Al Niblock recently suffered a severe stroke and will be laid up indefinitely.

Brother Ed Maland had to be hospitalized again with a liver condition but is now home again and hopes he can stay there.

Brother Joe Jacopetti worked on the antique equipment pictured in the last issue of the "Engineers News" at the Twin Lakes Dam in Alpine County in 1922. Joe states that he was on the Holt "75" towing the rock wagons.

SAN JOSE

Best wishes for a speedy recovery to: Brother Bill Moseley, hospitalized in San Jose Hospital, and William C. Spears, at Campbell Community Hospital.

Our Condolences to: the family of Brother Marvin Wilson, killed in a recent motorcycle accident, and the family of Brother Jack Wiginton who recently passed away.

Blood donors for the month: Theresa Dye, James Kelley, Vince Jiminez, Bill Dalton, and from the Santa Cruz area: Brother and Mrs. Hazelbring. Our thanks to these donors.

With the rainy season here it is a good time to remind you that now is the time to take a few minutes and pay a visit to the Blood Bank. The call for blood has been extremely frequent this last month, and the reserve is very low.

The Blood Bank is moving and will be open December 6, 1965, at the new address, 333 McKendrie, San Jose. (Right across from the San Jose Airport.) Here is the schedule for blood donors: Mondays, 9 a.m. to 2 p.m.; Tuesdays, 9 a.m. to 2 p.m.; Wednesday, 4 p.m. to 8 p.m.; Thursday, 9 a.m. to 2 p.m.; Friday, 2 p.m. to 7 p.m.

EUREKA

We wish a speedy recovery to Brother Clifford Vaine who was badly burned last month in his camper at Pecwan.

The staff at Eureka office extend season's best wishes to everyone.

SAN RAFAEL

Congratulations to Brother Sandy Mills, Jr., and his missus on becoming proud parents of a boy recently—weighing in at 10 lbs., ½ oz.—"Ronald Scott."

Our thanks to Brother Charles Snyder for taking the time to donate to the Blood Bank last month.

Condolences to the widow of our late Brother Lott Hackney who died October 25th. Brother "Hack," as he was known to all his fellow workers, will be sadly missed.

Best wishes for a speedy recovery to Brother Yates Hammett convalescing from recent surgery.

Condolences to Brothers Sil Cervantes, Sr., and Sil Cervantes, Jr., on the recent loss of their wife and mother.

Best wishes to Brother Harry Cahill who entered the hospital for surgery. He is a retired member.

Deep sympathy to family of our late Brother E. L. (Shorty) Thomas who died Nov. 22. "Shorty" was a retired member.

SAN FRANCISCO

Tom "Pop" Shouse, seriously injured July 4th near Vallejo in an auto accident, is recuperating at his home, 32 Cypress St. in San Francisco. His phone number is 647-3846, and would like to hear from his friends.

"Pop" nearly lost a leg, and suffered a concussion. He was brought to San Francisco and a specialist saved his leg.

Brother Don Malhiot, retired Aug. of this year and recently returned from a trip to Vancouver and now spends his time enjoying his "new-found leisure" in San Jose. He worked in the San Francisco area until retirement, and moved to San Jose.

SANTA ROSA

Congratulations department Ron Hodges, Ukiah, is the proud father of a baby girl; Joe Pedrini (you all know "little Joe") feels seven feet tall now that he is the father of a big 7 lb. 15 ounce girl. All are doing well at this report—except maybe the fathers.



EARLY SHOVELS—Back in 1911, this was the type shovels used on various California dirt jobs. The buckets look like two-yards, and notice chain over shivs. Jobs were at Battle Creek and St. Helena.



OLDTIMER'S CORNER

Shovels Operate on Air; Cable To Tree Keeps It from Tipping

This month's "Oldtimer Story" comes from two retired Brothers—Clayton L. (Missou) Sivils and Naz Reynolds.

"Missou," as his friends have known him for over 45 years, naturally, hails from Missouri.

Brother Reynolds has been around California construction camps many summers, and now, at the age of 78 (on Christmas Day), lives in El Cerrito, Calif. His experiences and memories reflect nearly to the turn of the century.

This month Brother Naz tells us about the Anderson-Cottonwood ditch around 1911. He worked on this project for the North California Power Co. (now the Pacific Gas & Electric Co.).

The ditch (or canal) took water from Battle Creek. Four shovels, all run by air from compressors, made up the "heavy artillery" on this project, he tells us.

"There were compressors at each end of the job and one placed near the center. An eight-inch pipeline ran the full length of the job, and we shovel runners connected into the line to get the air to our shovels. It was a rough job, but we had a fine bunch of men," Brother Reynolds recalls.

Operating Engineers on the job, he says, were: Charlie Mulvany, Jeff Hughes, Ike Brazington, Floyd Hollenbeck, himself and a guy named "Potts," but Naz didn't remember his first name.

Reynolds continues in his memory of the job: "I remember there were four camps, and we had a bar in each camp. The company gave the bar rights for necessary rights-of-way for the ditch."

"They (the company) paid once a month, and we always had a big time dance with the girls coming from Redding and Red Bluff."

"I was a Cranesman on the long-boom Bucyrus. The boom was so heavy we tied a cable from the A-frame to a tree to keep shovel from tipping over."

"When we kicked a large boulder over, we would watch it jump and knock down trees. With temperatures most of the time 120 degrees in the shade for nearly all of July and August, it helped make life pleasant. (hmmm?)"

"The farmers got into the act,

too. They would fence off an acre at a time, turn loose a bunch of goats to eat the brush, and when their teeth wore down, they'd sell the goats to the camp for meat." (Ever eat "goat stew"?)

Our second "guest author" takes us to old San Francisco, and up the road above Calistoga on Mount St. Helena road around 1923.

"Good shovel runners in those days of post-war prosperity were getting \$250 a month on the Mount St. Helena job, and board in a camp cost us one dollar a day," writes "Missou" Sivils, who now lives in Oneals, Calif.

The contractor on the St. Helena road job was Ross Construction from Los Angeles.

"Missou" worked with recently retired Business Representative Curly Spence from Eureka in 1928 on the Bayshore Road between Southern Pacific depot and South San Francisco. Contractor here was H. W. Rohl Co.

He says, "the job paid \$7 a day, 8 hours and catch your own rabbits!"

Brother Sivils was initiated by Local 59 in 1930, and became a Local 3 member in 1939 during the amalgamation. He has been a member in good standing ever since.

Next month, we will have several pictures and stories from Brother Harry Hanson, of San Francisco.

His nomadic career as an Operating Engineer will take us throughout the jurisdiction of Local 3 and into several other western states.

In the meantime, keep sending in pictures and stories. We know our readers like to reminisce with you. Give us the details, and we'll write them and try to make them interesting. Be sure to include some of the "color" of the construction life "in the old days."

Send in your comments and pictures, and names of men who worked with you, to Don Thoms at the "Engineers News," Operating Engineers, Local 3, Address is: 474 Valencia St. in San Francisco, Calif. (94103).



OLD PUFFER—this old steam shovel, operated by Ed Arhardt in foreground, loaded "Western Dump" wagons on St. Helena Rd. above Calistoga.