Fourth Quarter Revised Dues Is a Saving

The revised dues rates, adopted by the membership, went into effect October 1, and for many who have already paid their fourth quarter dues a credit will appear on their next billing. The savings resulted from deleting the regular special dues of seven dollars in the fourth quarter. Here are the savings for the fourth quarter:

<table>
<thead>
<tr>
<th>State</th>
<th>1st Q.</th>
<th>2nd Q.</th>
<th>3rd Q.</th>
<th>4th Q.</th>
<th>Total</th>
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<tbody>
<tr>
<td>Calif.</td>
<td>$3.00</td>
<td>$2.00</td>
<td>$2.50</td>
<td>$1.00</td>
<td>$8.50</td>
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<tr>
<td>Nev.</td>
<td>$3.50</td>
<td>$2.00</td>
<td>$3.00</td>
<td>$1.50</td>
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<tr>
<td>Utah</td>
<td>$4.00</td>
<td>$2.00</td>
<td>$3.00</td>
<td>$1.50</td>
<td>$10.00</td>
</tr>
</tbody>
</table>

Another important aspect of the by-laws revision is the handling of delinquent members. A member who is 60 days delinquent in the payment of his dues shall be placed on the list of delinquent members and until then be denied of all rights of membership. This is a new provision and it is expected to result in better cooperation from all who are members of the California Labor Council.

OROVILLE—To describe what one can see at the site of the world's largest earth-fill dam, on the historic gold-yielding Feather River near this 115-year-old mining town, one would have to be a Hollywood script writer. This is the most colossal project witnessed, and all the Hollywood adjectives and superlatives couldn't begin to give the reader a true picture of what Operating Engineers and other crafts are doing here.

This dam is being constructed from gold dredge tailings left many years ago, and, in this case, had it not been for automation and technological advancement, these tailings would still be in place and Oroville Dam, with its hundreds of men working, would not be a reality. While it is costing the people of California to build the dam over $120 million, this is a drop in the bucket comparing it with the eventual water supply which will be available throughout the nation's number one state which is growing faster by the day. The dam is part of the California State Water Resources plan to redistribute water throughout the state. Much of the Feather River water will find its way into southern California, through the California Aqueduct system.

DOOMED BEFORE START

A few years ago, people were betting the dam wouldn't be built. Many problems, innumerable ones, faced contractors, builders, financiers, engineers, and contractors of all kinds. Yet, all of them worked together and in 1923, the dam was completed.

Another important aspect of the dam is its location. It is situated on the Yuba River, a tributary of the Feather River, which is the main source of water for the dam. The dam is 746 feet high and 2,900 feet long, and it is the largest dam in the world.

Men, Machines Reshape Earth At Giant Oroville Dam Site

Gold Dredges Like This One Heaped Tailings Now Used For Oroville Dam

The only recommendation coming from the Nevada COPE organization was for incumbent U. S. Senator Howard W. Cannon. Pitts praised President Johnson for his choice of Humphrey and said, "President Johnson stepped into a breach last November and gave us the leadership, wisdom, strength and warmth which the nation needed it most."

"His unstashed training for the presidency enabled him to carry forward the late President Kennedy's blueprint for a Great Society."
VOTE NOVEMBER 3

The work picture still holds good. It is extremely gratifying to note that the members who are employed by Kennecott Copper are now back on the job. This, in turn, will open up many new jobs in the State of Utah. This coupled with the fact that there has been some recent letting of contracts in this area should bring some measure of prosperity to the members in our Union in Utah.

GENERAL EXECUTIVE MEETING

During the past month I had the pleasure of attending a General Executive Board Meeting in Washington, D.C., and as usual, we were able to exchange ideas with representatives from other Local Unions and the AGC Chapters. This will be helpful to the members of Local 3. While there we met with the officials from the O.J.T. Program and we presented another program for consideration along with representatives from Local 12. We are hopeful to secure approval of this program as we know the first one was highly successful. We only hope that the next program will be equally successful.

We also met with representatives of the F.C.C. relative to securing a radio channel for mobile radios to be used exclusively by the labor movement. This was also a joint venture sponsored by Local 3 and Local 12.

WESTERN STATES MEETING

During the past month we attended a meeting in Portland, Oregon, where all the representatives of the Hoisting and Portable Locals in the ten Western States were present including Regional Director James J. Twombey of San Francisco.

At this meeting the problems of the Hoisting and Portable Locals in relation to the projected power transmission inter-line construction were discussed at great length.

The Semi-Annual Meeting with the representatives of the AGC Chapters was in progress at the same time and it was a great deal of pleasure to renew acquaintances with many of the contractor's representatives with whom we have had contractual relations.

BART, UNIONS MEET

No doubt many Brothers in the Bay Area are familiar with the proposed Bay Area Rapid Transit District System, which is in the engineering stages at the present time. There was a joint meeting of representatives of the crafts, the engineering firms and officials from BARTD to seek a solution whereby a suitable agreement would be resolved for this huge project which could be constructed with the very minimum of delay caused by labor disputes. Due to the complexity of the job and the number of individual contracts to be let, this will entail many hours at the bargaining table, but we feel confident that with good faith on both sides, this objective may be achieved. As the project is of several years duration, this is extremely important.

MEMBERSHIP BILLING STREAMLINED

In other parts of the paper in more detail, you will note a mock-up of a dues card and billing form which will be forthcoming some time in November. This is the result of your Union installing a 1440 IBM Computer to process the accounts of the members of our Union, as well as to do other work by mechanical means. We are looking forward to a smooth transition from the present method of processing accounts from manual to mechanical means. On behalf of the Officers and the office staff, I ask that you bear with us, and if there is a mistake, notify the office and it will be rectified as soon as possible. I am sure that by working together, this transition can be brought about by a minimum amount of inconvenience to anyone. We know that when the computer system is in full operation, we will be able to render better and more efficient service to the membership as a whole, and it goes without saying, this is the goal of the officers and the Executive Board Members of your Local Union.

BE SURE TO VOTE, NOV. 3

Inasmuch as this is the last edition of the "Engineers News" prior to election we cannot urge you too strongly upon the importance of your casting your ballot in the forthcoming election. How you vote, of course, is part of your American heritage and your right which should always be.

---Continued on Page 7---
Democratic Dominate Voter Gains

The State of California this week released figures showing that the Democratic Party gained over 600,000 registered voters since the June 2 primary election, while Republicans during this time gained 500,000 new registrations.

Democrats in the state have an edge in registrations, 50 per cent compared to the Republican figure of 42 per cent. Yet, in the 10 to General election, Republican forces narrowly beat out the Democrats.

The recent California COPE convention here in San Francisco endorsed President Johnson, his running mate, Senator Hubert Humphrey and former presidential press secretary Pierre Salinger, for President, Vice President and U.S. Senator, respectively. Over 500 delegates, representing all of labor, were unanimous in their selections. The Executive Board of Local 3 went on record of supporting COPE endorsed candidates.

It is interesting to note that newspapers and magazines across the country also follow COPE’s selections. The Saturday Evening Post termed Johnson a man "who has mainly flaws and leaves much to be desired, but who is unquestionably as qualified to be President as any tried and tested leader the Democratic Party now affords."

While endorsing Johnson, the Post even more strongly urged the defeat of Barry Goldwater.

For the many campaign and local issues heading into their final rounds be sure you listen carefully and make up your mind to protect your hard-won labor gains won for you through active leadership in your union at the collective bargaining table. There are forces who will take collective bargaining away from the labor unions and substitute a nontemporary right-to-work law.

The Kennedy-Johnson administration has made many gains the past four years; this may not be the time to change the course of the year. This is a warning of higher food living index already have a little of the benefit you got from this year's tax cut. The government could help defend both consumers and business men from some of the new inflation now threatening. The government has large stockpiles of metals and other raw materials, including copper. If the General Services Administration offers to sell some of its huge reserve of copper and other metals on the open market, it could effectively quiet the rising prices.

Higher prices of copper and other metals used in housing affect home building and renovation is the most serious living-cost problem. Joseph P. McMurray, Director of the University of California Scholarship Selection Committee, parents must have achieved a minimum income homeowners. Housing Act just signed into law by President Johnson. Among other benefits, the Act provides for direct home loans to the elderly, as well as for farm housing. The Act also provides for home-improvement loans at an interest rate of only 3 per cent for low-income families in urban renewal areas, or bring their homes up to local standards.

Still another important change authorizes FHA to pay for the correction of defects in homes bought from now on with FHA mortgages, if the builder defaults. This gives the FHA mortgages used to mortgage homes, or bring their homes up to local standards.

Another help to homebuyers is provided by the 1964 Housing Act just signed into law by President Johnson. Among other benefits, the Act provides for direct home loans to the elderly, as well as for farm housing. The Act also provides for home-improvement loans at an interest rate of only 3 per cent for low-income families in urban renewal areas, or bring their homes up to local standards.

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Down the road a bit, prices of older homes are still climbing, prices of new houses are being pushed down. Still another important change authorizes FHA to pay for the correction of defects in homes bought from now on with FHA mortgages, if the builder defaults. This gives the FHA mortgages used to mortgage homes, or bring their homes up to local standards.
Two New Jobs To Bolster Economy for Engineers

By TOM ECK and JERRY MARTIN

REDWOOD CITY—Two new jobs are expected to help reduce this district's out-of-work list to the lowest level in many years. Although the work is not yet all in, it will be before the year's end.

The first contract will consist of the Vinny Pumping Station and a clarifier station on the project.

TheWorkers will start immediately and are expected to work 40 hours a week. The project is expected to be completed in 12 months.

The second contract will consist of the River Rock 1965. The project is expected to be completed in 18 months.

We hope to have an agreement in effect by the end of the month.

The project is expected to be completed in 18 months.

The project is expected to be completed in 18 months.

We are happy to report all negotiations are completed, and the new contracts have been ratified by members concerned.

APPRENTICESHIP MEETING

The committee met recently at the Marysville office and was conducted for the purpose of carrying out the apprenticeship activities. We appreciate the interest of all the members who worked hard that day, and I am sure they will be greatly appreciated by everyone in this district.

Employees of the company were present at the meeting. The event was well attended.

As has been predicted recently by other officers of the program, the need for more training is evident.

Several major contractors have expressed interest in the program. Most expressed continued interest, and conducted the project is worthy of the principal reason for non bidding was cost contingencies in connection with Project A. In the case of a Bar Dam, no reason was given by the company.

We have had good cooperation from all contractors in this district.

We are happy to report all negotiations are completed, and the new contracts have been ratified by members concerned.

Your Choice: Good ‘Old Days’ or Protect Hard-Won Gains

By BILL BANES, MIKE KRAYEN

S AN MATEO — There is no more, as well as every corner of the Jurisdiction of Local 3, and the entire membership of our local is united in its protection of the biggest political battles of this century. These holy contending campaigns should prove to be the backbone of our nation.

We are continually haunted by one political faction or the other about the best way to handle things. The good boys and bad, go the good boys and bad. 

On the one hand, advocates of good and bad, are preaching

We are still flurries, while the rain squalls.

Project

THE WORK is being asked at the Marysville office and was reviewed.

The company is doing tank jobs out of Red Bluff and Enterprise.

The company is doing a project at Half Moon Bay, and is working a large crew busy on projects at various locations.

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Some day, to some reason you or your friends will have to build a railroad. This was done thanks to a brotherhood of men who are not yet brothers in mind. The weather is getting colder in the mountains as a network of snow is forming. Some of the jobs that started late have almost caught up with the deadlines. This is due to a few reasons:

- Winter has not arrived too early. The frost doesn't arrive too early. The frost has started in earnest. The equipment on the job will be sent to other areas in the middle of the season and now they will probably do it. Getting the job started on time is very important. Getting the job started on time is very important.

- The program is still running smoothly. We believe everyone is happy for the final, and if you have any questions, contact your steward or business representative.  You will read elsewhere that we are starting a blood bank for the state of Utah. We would like all of you who can contribute to this worthy cause. Hugh B. Johnson, District Representative, will be happy to answer any questions you may have regarding donations, and will appreciate your help.

- Auction status usually has a newer job status. The auction status is the last in the series of auctions. The last in the series of auctions is the last in the series of auctions. You are now starting to work in this area.

- Thorne Construction Co. is in the process of making arrangements with the Red Cross to receive our deposits. These deposits are automatic and if you are traveling anywhere in the continental United States, you may donate for the next four days. This will be one of the last in the series of auctions. The next auction will be started on time.

- The Bureau of Reclamation's construction on the Willard Bay Dam is being employed as many as 100 Engineers at one time, is now being carried out, with few operators left. It should be completed in 30 to 40 days. The Bureau of Reclamation is still working on two shifts on their Willard Cany. This job should also be completed by the fall.

- The Salt Lake City Tribune carries a list of the times and places where the mobile unit will be. The Salt Lake City Blood Drive, located at 555 Foot Hill Drive, is open on Friday until 6 p.m. Give on their blood Drives, Local No. 3 Blood Bank and you may receive a valuable service in the form of a blood donor. You may also donate for the next four days.

- Allergies and Immunizations
- Let the physician in charge consult doctor and make decision.
- Malaria
- If you have not had an attack for at least 24 hours, donation can be made.
- Jaundice
- Persons who have had jaundice (hepatitis) may not donate for at least two weeks.

- The Red Cross drives blood at the Red Cross Blood Donor Supply. The following instructions are for your guidance in blood donor recruitment and scheduling: Prospective Donors.

- Age
- Any individual between the ages of 16 and 80 years.
- Blood type
- O, A, B, or AB.
- Rh status
- Positive or negative.
- Any individual between the ages of 16 and 80 years.
- Blood type
- O, A, B, or AB.
- Rh status
- Positive or negative.
SAN FRANCISCO

Apprentices will report back to school on Sept. 14. Classes will be held twice a month at the John O'Connell school. A class in grade-setting is now underway at the San Francisco Community College, 22nd and Bartlett, which meets every Tuesday at 7:00 p.m.

Don Malliot retired last month after more than 30 years in the industry. He worked for many years in Mexico, and Canada. He has been a loyal friend to Local 3, and we all wish him the best of health and many years of retirement.

REDDING

Our deepest regret and heartfelt sympathy to the family and friends of Brother Tom Evans, who, along with his wife, was killed in an accident while working on the Hall in January. We wish a speedy recovery to Brothers Pete Murray, M. L. Nelson, Tom Thorne, Larry Dickock, Jesse Bonneau, Dan Loomis, Floyd Kennon, John Houston, David Johnson, and Lee Watson.

Off the sick list, and we are happy to see them around, are: Brothers Harold Park, Ralph Martinez and Glen Darling.

SAN MATEO

Don't forget the next Labor Temple meeting of Local 3, District 1, on Wednesday, October 7, at the Labor Temple at 16th and Capp Streets in San Francisco. The following evening, in San Mateo, there will be another meeting at the Carpenters Hall, 50 North 6th, San Mateo, at 8:00 p.m.

Frisco

W. E. Stiles had knee surgery many years in the hospital. He is the father of Fred, Jr., foreman on the Luth- pend job at Serramonte. We trust a speedy recovery.

OAKLAND

Brother Pete Fredianski is at Alameda County Hospital, in Martinez, recovering from a serious stroke which left him partially paralyzed. We wish him a complete and speedy recovery, and hope to see him back on the job soon. Pete would like to see any of his friends who can visit him.

Thomas Nohr is at home recuperating from a heart attack after spending several weeks in Martinez Community Hospital. George would like to see his many friends. Get well quickly, Nohr.

Brother Bruce Hinds is in the Pittsburg Community Hospital and may be there for some time. Bruce was involved in a two-car accident at Bayview and 33rd. The other driver left with a broken leg. The accident was not his fault, but he is the victim. The doctors say he will be in a cast for about six months. Bruce would like to hear from any of his friends. Do not worry. We are all praying for his recovery.

We want to thank the people who donated to our Blood Bank during the past month. Our reserve of blood is low and it will not be long, at this rate, before we must turn down requests because of lack of blood. Please make an effort to call for an appointment and donate.

STOCKTON

We are holding mail for the following: Dick Allen, Dick Benson, Cordell Brubaker, Cecil Gipson, Lake Moore, Arch McBean, Jack McLean, Don McLaughin and Roy Martin.

We extend our sympathy to the family and friends of Brother Cyrus Kaiser who died recently, and wish Brother Kurt McArdle a speedy recovery.

We extend our sympathy to the friends and family of Brother Allen H. Knoell who was injured on the McNamara Streets in August. He is in the hospital and is expected to make a complete recovery.

Don Malhiot retired last month after more than 30 years in the industry. He worked for many years in Mexico, and Canada. He has been a loyal friend to Local 3, and we all wish him the best of health and many years of retirement.

Brother Allen H. Knoell was injured on the McNamara Streets in August. He is in the hospital and is expected to make a complete recovery.

Brother Bruce Hinds is in the hospital and is presently recuperating.

Brother Don Hunt requested that his mail be forwarded to his new address in French Guiana where he leased several acres of gold-bearing land he mines hydraulically every year.

We appreciate the pints of blood donated by the following: Alvan Bibeau, Arnold Boehm, Wayne Kalfo, Beverly Porter and Dorothy Wehner.

Brother Fred Hamun recently underwent surgery at Mercy hospital, and we hope he is on the mend and will be on his feet soon.

STOCKTON

Brother Allen H. Knoell was injured on the McNamara job when his Rucid jack-hammer and threw him off. He was conscious when he was rushed to the hospital. Brother Don Hunt requested that his mail be forwarded to his new address in French Guiana where he leased several acres of gold-bearing land he mines hydraulically every year.

We appreciate the pints of blood donated by the following: Alvan Bibeau, Arnold Boehm, Wayne Kalfo, Beverly Porter and Dorothy Wehner.

EUREKA

The Eureka office sends its sympathy to the family and loved ones of Brother Marrie L. Dyer, who passed away September 17. We wish a speedy recovery to Brother Ray Monteith who is in the hospital.

We extend our sympathy to the friends and family of Brother Cyrus Kaiser who died recently, and wish Brother Kurt McArdle a speedy recovery.

We want to thank the people who donated to our Blood Bank during the past month. Our reserve of blood is low and it will not be long, at this rate, before we must turn down requests because of lack of blood. Please make an effort to call for an appointment and donate.

UTAH

Brothers Dave Braeger, F. F. Siler and Layne McNally have all been hospitalized for a speedy recovery.

SAN JOSE

Our thanks to blood donors Bertha Miller, Alice Abernethy and Herbert Sanders.

On the sick list are: Brothers Bill Baetich, in Orn'Connor Hospital, Lew Landes, Mill Memorial Hospital, in San Mateo, as result of an injury he sustained in a fall, and Gordon Russell for the same reason. Best wishes for a speedy recovery.

By N. A. CASEY, BISHOP, JACK RULLAND and R. J. DUCAS

RENO

RENO — The Great State of Nevada is progressing real well. Everywhere one looks there is evidence of development in some type. The outlook is very promising for the future, and we are hopeful that we can continue the good example set of work list with some classifications looking fine.

We have been negotiating with Ancestral Copper at Weed, where there are approximately 190 Operating Engineers are employed. After three meetings company representative made a final offer, which was rejected by a vote of 327 to 1.

It is comforting to know the group is unified in its thinking. We also wish to express appreciation to Manager Al Glen for assigning Treasurer Don Knosel to negotiate for Local No. 3.

The contract with Wells Cargo Storage Company was signed and ratified by the member employees. Naturally, all the Brotherhoods are interested in the wage, but the majority was happy with the agreement.

A new job recently let in Northern Nevada, Nevada Rock and Sand Company from Las Vegas was awarded a $3,145,501 favorable settlement. We extend our sympathy to the friends and family of Brother Cyrus Kaiser who died recently, and wish Brother Kurt McArdle a speedy recovery.

The amendment relates to worklist and discrimination practices.

People's Notes

This is not an action to repeal the law but simply to put a Uniform Security clause into the existing law. This is important to all of us, for everyone should have an interest. The only requirement is that you register the vessel in the county in which you reside. If enough signatures are attained by October 15, the proposal will appear on the ballot in November, 1968. Let's all participate and get this in the law.

The Reno office has new hours:

Open every day 7:00 a.m. to 11:00 a.m. - 12:00 noon to 5:00 p.m.

Except Thursday: Open 7:00 a.m. to 11:00 a.m. - 12:00 noon to 8:00 p.m.

A gimmick to keep down its accident rate within its operation and one that is working except­­ually well, has been intro­duced by the company. It works like this:

If an employee works a com­plete pay period (usually one week) without a lost-time acci­dent he receives $10.00. Stamps with his check. The company tells me this is working well for them in their safety problems. The only question is in how safe would it be to go without his stamps.

LAKE TAHOE AREA

From Highway 40 South in Nevada, up to the mountain community of Lake Tahoe Basin, work is in full swing, with most larger jobs on hand. We have a few stormy days the end of Aug­ust to remind contractors of what may happen in the high mountain country. This is what brings on the twelve to fourteen­hour days and, of course, bigger pay checks.

Nevada 'Work' Petition Ready

A petition to amend the Nevada State 'Right-to-Work' statute is being circulated by the Nevada State AFL-CIO, according to Brother Louis Paley executive secretary. Brother Paley extended an open invitation to signs the petition which will be at the Reno Operating Engineer Office. He emphasized that it is not a law and that you must be a registered voter. The deadline is November 3.

The amendment relates to worklist and discrimination practices.
During August 26 new loans were granted to members of the Operating Engineers Local Union No. 3 Credit Union and their families. Officers of the Credit Union take pride in granting loans because they are aware of the need. This is the purpose of the Credit Union; to assist its members who have financial problems and to encourage systematic savings for the future.

An additional 125 members were enrolled in the Credit Union during the month, bringing the total to 1,777 share account holders. This is a good indication of the need the members have for the Credit Union.

The cost to enroll is $1.00 plus the purchase of two $5.00 shares or a total of $11.00 for a member or employee of Local No. 3, their spouse, children, including any blood relative living within the household limited to mothers, fathers, sisters and brothers but not excluding aunts, uncles, nieces, nephews, grandchildren and great-grandchildren. Ask for a pink application card at any District or Sub-office in the jurisdiction of Local No. 3 or let us know here at 478 Valencia St., San Francisco.

Watch for the quarterly meetings of the Credit Union, scheduled as follows:

Oct. 7 at Oakland.
Oct. 18 at Redding.
Oct. 20 at Marysville.
Nov. 17 at Stockton.
Dec. 14 at San Francisco.
Dec. 16 at Fresno.

J. T. Stapleton, Credit Union Secretary, said all meetings start at 8 p.m. These meetings, he added, are held only in areas which have 100 or more members according to provisions in the by-laws.

MEMO from the Manager’s Desk

Continued from Page 2 -

Near 1,000 Dispatches

During the month of September there were 32 regular agreements signed and 96 short form agreements, making a total of 128. These 2899 members dispatched to the various jobs during the month.

Middle Fork of the Feather River.

Side Affects

It is also interesting to observe that this project has been undertaken to reduce the flood hazard and to improve navigation in the Feather River.

Word about this tremendous project received notice in Life Magazine, the nation’s leading business and industrial publication, and other news media.

People from all over the country formed a human flood and the big rush started about 1900. The “rush” built to a longer force before it shortened.

Through the town of Oroville managed, outsiders came in and developed shopping areas, new roads and strip streets were built, schools and churches were erected, more trade and improved, and, yet the people came from the rest of the nation.

Many have settled down into their small ranches and are still useful to the community. Others drifted off to other areas, providing they had a way. Some stayed and worked on the Oroville Dam and other heavy construction projects. Today, the town is busy with some new establishments and established businesses.

And there was prosperity when the town became established. Less than one-sixth of the men are employed in the Oroville company today than had earlier been anticipated.

The town became overcrowded in 1963, and the population was more than 30,000.

Beneath all is a certain—big men and big machines are altering the Feather River, which will eventually destroy much of the history for the second time.

This area is one of the most beautiful in the state, and we wished we had had time to photograph the Feather Falls. However, the memory of the fire of 1918 and the great flood of 1919, which saw ancient gold mines3 Bukru across it in sullen si

Gas utilities throughout the United States will serve about 186,300,000 customers in the year 1964, an increase of about 900,000 customers, according to the American Gas Association.

Oroville Dam Reshaping

The History of California

Continued from Page 1 –

events, and returns for another load.

Meanwhile, at the car unloading station, a unique rotary device takes over and dumps the material from the cars into a hopper. A conveyor, equipped with several coupling lines making it possible to use the rotary drum, thereupon moves the cars one after another, never leaving the track. The rotary drum handles two cars at once.

The embankment material then is fed onto another conveyor which moves along about 12 miles per hour and handles about 12,000 tons of material during that time.

The material drops down another tunnel onto a 72-inch wide belt, 500 feet long and carries it to a spreader header above a 100-foot long, 20-foot reclaim tunnel.

The stabilized material goes through chutes at the top of the reclaim tunnel. There are 23 per vious material chutes and 15 handling impervious material.

The material then travels along another conveyor (100 feet long) to a 100-foot long, 20-foot spreader hopper which has four air-operated, quick opening hoppers to feed the ten downhill transfer chutes at which the conveyor load to the damsite area.

From the damsite the developers take over. The imper vious material is in 15,000-lb. units and is in 32-lb. lift.

Oroville Dam, and its related projects, will cost nearly $500 million. The dam, once thrown, will be 717 feet high at present, will rise to 791 feet, 12 miles long near the top and 60 miles at the base.

Drainage for finishing the dam is 1967, which is two years before completion of all other Oroville facilities.

The Oroville division of the state water project will include its 40,000-acre reservoir, a 615-foot double-curvature, 300,000-kilowatt power plant, the 125-foot high concrete Thermal power diversion dam with its 30,000-kilowatt power plant downstream from the main dam, a 2.5 mile power canal and two supplementary reservoirs to hold water for the 100th and 56-foot thick wall of the dam.

The bridge, too, has been removed and will be reconstructed as an historic monument.

In the town of Oroville, too, a monument erected to its founder, Charles Whiskey, stands. A great piece of property. We wonder if it is worth the chance to change all of this by changing horses in the middle of the stream.

In conclusion let us not forget the date we have at the ballot box—November 3.
Altering Feather River Will

BIG MEN, big machines, big dreams and planning go into Marysville in Butte County. At top is picture of dam showing the Wheel which chews up 5500 yards per hour; top right is car dumping area and below it is Brother Engineer where dispatches are made. Harold Huston is district representative. Over 400 Operating Engineers work at dam.
Help State Water Problem

- FINAL HOPPER
- DAM SITE
- FINAL DAM HEIGHT 747.5'

The state water resources project at Oroville Dam, north of Marysville, involves dumping material into hopper for final leg to dam site. The hopper and "baloney reel" at end of wheel excavator, proper at reclaim area. At lower left is Marysville office. Business agents are Claude Odom, Harold Weeks and Ray Smith.
Scorching Fire Hills Santa Rosa

By RUSSELL SWANSON and LOU BAIN

SANTA ROSA—This area has been "hot." Over 50,000 acres of grass, timothy, and other coastal pastures have been scorched and, in many cases, completely destroyed. The only way to escape a sense of control for several days. With fires up to 30,000 acres, some of which could be seen for miles around, and a heavy pull out, they used to fill the sky in Sonoma County.

The fires started above Calistoga, a town and county in and around Santa Strocco, like to work on jobs.· · · · · · ·

Otherwise paving job at the new

ing used by Charles Chandler.

company was low bidder by

Creek, west of Santa Rosa. The

clearing job

the

the

Ladd and Huntington job outside

approaches and bridges here

untouched areas. Thousands of

trails, but the high winds sent

miles around, and a heavy pall

Winds up to

flames which could be seen for

miles around. The structures

and fine grading will probably

the rains come this winter.

on the job on a two-shift basis.

are the first on the West

and were ordered by

western several months ago.

Each scraper is a forty yard "striketh" equipped with a

350 horsepower V-10 G. M.

Diesel power plant. The tractor

also has the same engine, mak-

ing a total of 1250 horsepower.

Unloaded weight of the unit is in

excess of 100 tons, mounted on

axle 10,000-49 tires plus the

two smaller tires on the front

and an overall length of 106

feet. This same company has

a state that past month several

job. This will be manned

from the Modesto office; how-

ever, view of the equipment

mentioned, we do not expect

many engineers to be employed

this year. As the work progresses

into the concrete phase of the

job with batch plants, aggregate

plants, more operating engineers

will be required. However, this

will not be the case for some

time.

Match Corp. is going full blaz-

on other concrete opera-

tions in Ceres and Modesto on

the new freeway. The paving

job completion date is October 15,

with the job completion date for

both the Ceres and Modesto jobs

set for May 1965. This is a wet

batching operation with 15 new

Batch 711 type mixers hauling

from a Convoye Batch Plant

rated at 250 yards per hour to

the Ceres area on one direct type

float. With this accelerated

pouring schedule, the company

acquires 1400 tons of concrete

treated base plant with a rated

capacity of 800 tons per

hour, which is unique to the

West Coast. Nine hundred barrel

portable cement silos are neces-

sary to help augment the first

float hauling 4,000 feet

around the clock as the job re-

requirements near the

2500 barrels of cement a day.

Mccannor Corp., contractors

of the Tracy by-pass and West-

side Freeway, will be down to

a single day shift before the first

of October as the bulk of the dirt

is now in place. The structures

and fine grading will probably

keep a sizable crew busy until

the rains come this winter.

The Mcnamara job started

the levee and built protection

job on the San Joquin River

near Vernalis. This project is

expected to keep about 10 en-

gineers busy for some time, as

the company has 700 working days

to complete the job.

Starbuck & Midway of Tracy,

successful bidder on the recon-

struction of Copperopolis Road,

cost of Stockton for $276,162.02,

now has a crew busy plus a few

"new hires" at this time.

Al Haworth, of Stockton, was

low bidder to the U. S. Forest

Service for land clearing in the

Stanislaus National Forest.

The building construction work

continues above normal in both

Modesto and Stockton. New de-

partment stores, industrial

plants, housing projects and

shopping centers create grading

and paving jobs for A. Teichert

& Son, B. M. McGraw, M. J.

Buddy and Son and Standard Materials, to name a few of the larger con-

tracts. This type of work keeps

many smaller employers and

owner-operators busy on small

backlots and holding equip-

ment.

The mountain road jobs have

reached their peak of employ-

ment at this time and should re-

main this way until their jobs

are either completed or shut-

down. This is the case with

the McNamara job. A Teichert

& Son is taking a good deal of

Teichert Agencies output, Claude C. Wood Company Rock

Plant furnishes the materials for their construction work plus sup-

plying other users in the Lodi

area and Stockton Sand & Gravel

sell aggregate, practically, in the eastern part of San Joaquin County.

In the Modesto area Standard

Materials, Inc., M. J. Buddy & American Transit Mix are all

in cashing in on the Matich Corp.

Paving Job in Modesto and Ceres, which was noted in the beginning of this report. This leaves Turlock Rock Company supplying aggregates for batch-

ing operation on the new Stanis-

laus County College in Turlock and Frank Maris selling com-

mercially from his gravel plant near Newman.

NEW WORK

The company is rather slow at this time with the State

Division of Highways calling for

jobs October 14 on the construc-

tion of 6% miles of expressway on Highway 124, north of line and the intersection with High-

way 10. Budget allocation is 61-

miles for the project and it in-

cludes a bridge across Dry Creek,

about six miles north of line.

The Bureau of Public Roads will be advertising for a grading and

topping surfacing job near Tuolumne County near Big Oak

Flat and another in Aspen Val-

ley later this month or next month.

The State Department of

Resources has earmarked another

612 million for a portion of

the California Aqueduct to be con-

structed in Stanislaus County

with bids expected to be called

for some time in October.

The Turlock Rock Company

will adjoin Western Contractors

Corp., ending west of Patterson

and continuing north for about

6 miles.

Freeway Work Near Done

Many Jobs Going in Marlin

By AL HANSEN

SAN RAFAEL—The north bay

area work program is program-

ning well, and our out-of-work list

is low. This is the way we like to

see it. Equipment and men scat-

ered all over the place.

C. D. Madison has a few jobs go-

ning around the area, and a good crew working steadily.

Pacific Coast Builders, with a

job going at San Rafael High

School, has a few members work-

ing.

Salton Company has several

underground jobs going through

out the county and a few good

opportunities.

E. A. Force Company, with a

few small jobs around the area,

will be working in Fairfield for

the next week.

Byron Road up to the north end of the

area, and a good crew working steadily.

Coco is working steady on their two jobs (120,000 yards on one and 270,000 yds. on the other)—both jobs are located in Novato, and have good crews on these two jobs.

Hydraulic Dredging Company finished its dredging job near Petaluma River and by the time

to go on, they should be out.

Chilotti Brothers has several small jobs around the county, and a few are of pretty good size.

Lincoln Co., has a job at Strawberry and working on a job at San Rafael assessment district; also they are starting a new job at Terra Linda.

BIG AND POWERFUL... this new "Cat 16" makes its debut with Western Contracting Co. Relative size may be compared with the size of Business Representative Glen Dobyns and the tire.
The piles they will move some of the boats in from Yacht Harbor and start restoration the work on the new Francia building, completing it in about 12 months. They figure they will be finished with the concrete pour by January of next year.

Mary's Help Hospital is near the construction site, so they have to move down their lower crust, but there is still a great deal of finishing to be done here.

Swineion & Wallberg have nearly completed the $7 million job on the Girardelli building. They are hoping for a November 20 opening with Traver Vic already ready to move in and open another of his famous restaurants.

Brigati Paving is half-finished with the realignment job on the Great Highway near the Beachwood Zoo.

Guy F. Atkinson is starting on the new job which will connect the Bayshores with Third Street and will be working in a very fast moving area, so they have brought in a truck tower crane for the job.

This is due to start a new job at Franklin and Lombard about the excavation and underground work, and is now starting to make the concrete recreation center at Vancouver Lake.

Eichler's project in Vancouver is not all ready to go with a crew inspecting and making necessary repairs on cranes before going full swing.

By JOE MILLER, GLENN HULLOWNY and GENE BALDWIN.

FRESNO—Work is still holding up very well, with many jobs in process and some being worked on at all parts of the district. The next-out list is growing and is beginning to grow as we have had an influx of operators from other districts.

Engineers call the Fresno office before coming into the area, and we have several men out of work on our list. We will call the other district offices for men should the need arise.

We have a few new jobs breaking in the district during this next month which will employ more brothers, and expect to see more orders for men to come from contractors as Exchequer Dem equipment arrives on the jobs.

This area should continue to do well for the Brothers this Winter. However, weather will be a determining factor.

CONSTRUCTION: The construction contractor: All local contractors in the metropolitan area are busy. Demolition work is in the downtown area demolishing old buildings in the re-development area.

New construction of the downtown area should pick up in the near future.

ROCK, SAND, GRAVEL: All present and a new backlog in the Rock, Sand and Gravel operations. This seems to occur each year about this time and then it picks up later in the year.

We are negotiating now with the producers in the area and expect to complete negotiations for a new contract before the first of October.

CLASSIC SPACES:

Classes are under way at the Fresno City College again for the new year. One group is starting its second year and a new group is beginning its first year. Approximately 50 apprentices are in school.

We expect to start a class for graduates in February. Anyone interested, contact the Fresno office for applications and information.

JOBS:

Huber, Hunt & Nichols is coming along very well on the new county Court House. The steel is up to the fifth floor. We have three cranes on the project at present.

Thomac Construction Company is well along on the new telephone building on Van Ness and Van Buren, and the exterior and interior walls in the next couple of months.

The steel for the'supreme court building will be made in Kern and Tulare Counties. A pre-job conference was held in Bakersfield recently. We expect to have a good number of brothers on this project.

Nichk Chang Construction Company recently purchased a new 255 ton trenching machine. This machine is the newest model out. The company revised the digging ladder and made some change in the machine. This will dig a trench 20 feet deep. The owner, Edith Chamber, is very pleased with her purchase.

Valley Nitrogen Producers has awarded a $3 million contract to Chemicon Construction to enlarge their plant at Holt. They will employ about eight operating engineers on this project, crane operators, gliers, etc.

J. F. Pritchard Company expects to use five operating engineers at Hanford on their ammonia storage plants. This is a $2 million job and should last about six months.

Bale and Mills, on highway 108 at Vidalis, should keep their crew busy until next summer. They are using a Coleman loader on the excavation.

American Paving Company has six miles of Mountain road, 70 miles above Perturville in rough country and working a lot of overmain to complete the job before the snow comes.

Proctor & Moore, Hans & Dubach & Kenneth H. Gordon Company are putting down C. T. B. and will start putting this Winter on highway 99 at Kingsburg next month.

We have now signed agreements with Atlas Minerals Corporation and Cou- lings Ashbawa Corporation who are mining and processing asbestos. They are now employing about 50 men.

FRESNO WORK TIGHTENS

LAW SHOP: free want ads for Operating Engineers

RULES FOR SUBMITTING ADS

* Any Operating Engineer may advertise in these columns, regardless of his personal position.

* All Want Ads must be typed or handwritten in ink. No pencil or ink marks are acceptable for personal, service or other lines.

* When submitting your want ad, please indicate if you are available full-time or part-time.

* Please notify Engineers Shop Shop as soon as possible if you have advertised elsewhere.

* Because the purpose should be served within the period, ads thereafter will be dropped from the newspaper after thirty days.

* All want ads for Engineers Shop Shop, Al CSM, Editor, 474 Valley Street, San Francisco, Calif., should be accompanied by a check to secure your register number. No ad will be published without this information.

FOR SALE

MOORE QUILT FLOCK SHOP, located 5 miles southwest of Redding. Complete outfit, consisting of all machinery and supplies. $15,000.00. P.O. Box 519, Redding, Calif. Phone 937-7232. Reg. No. 282948.


TOOL HALL, 3620 Moulton St., Fullerton, Calif. Phone 637-4601. Reg. No. 100860.


The Oakdale Report
The Dredges Work In Alameda

**BY ED HARRENS, TINY LAUX, RED TTY, JIM JENNINGS, AND JERRY BLAIR**

**OAKLAND—**Hydraulic Dredging Inc., of Arcata, is giving the public the opportunity to witness large scale work in the Stockton area.

The dredging project, which is currently underway, involves the removal of sediment from the lower reaches of the American River.

In addition to the dredging operation, the company is also working on a project to restore the wetlands in the area.

The company is using state-of-the-art equipment to carry out these tasks, and the work is expected to be completed within the next few months.

**Eureka Work Still Heavy: Outlook Bright**

**By RAY COOPERS AND CURLY SPENCE**

**EUREKA—**We are going into October, and the volume of work continues to be heavy. We are still working on the proposed landfill project, which is expected to start soon.

The company is also working on a number of other projects, including a new hospital in the city.

We are looking forward to a busy winter season, with several large projects scheduled for completion.

**New Work In San Jose Slow; Current Jobs Keep Men Busy**

**By A. H. ROY,** W. H. ARMITAGE, and JAMES N. HALL

**SAN JOSE—**Work in the San Jose area is still quite slow, with only a few new projects on the drawing board.

However, we are still able to keep our men busy on a number of small projects, including road improvements and the installation of new sewer lines.

We are also working on a number of larger projects, such as the construction of a new hospital, which should start soon.

**SANTA CRUZ**

**Work in the Santa Cruz area is still holding up well.**

Grallen & Sons is still working on a number of projects, including road improvements and the installation of new sewer lines.

We are also working on a number of larger projects, such as the construction of a new hospital, which should start soon.

**LOW BIDS ON NEW WORK**

**By P. S. TRAMER**

**BAY ST. LOUIS, Miss.—**We have received several bids on a number of projects, including road improvements and the installation of new sewer lines.

We are also working on a number of larger projects, such as the construction of a new hospital, which should start soon.

**EORRIAL WORK AWARDS**

**By W. V. CHILMER**

**SAN FRANCISCO, Calif.—**We have received several bids on a number of projects, including road improvements and the installation of new sewer lines.

We are also working on a number of larger projects, such as the construction of a new hospital, which should start soon.

**SOUTHERN ALAMEDA COUNTY**

**Guy F. Atkinson is moving equipment into the pumps house near Byron.**

Guy F. Atkinson is moving equipment into the pumps house near Byron. This is a small crew working full time to get the pump house ready for use.

**LOWER ALAMEDA COUNTY**

**A new low-cost project in Byron.**

A new low-cost project in Byron is underway. This is a small crew working full time to get the project ready for use.

**Work on Dams, Canals Give Young Engineers Good Season**

**By DANNY D. BEECH,** A. A. PINNECKER, ED. MIDDLETON, ROBERT LONG, JACK McMANUS, and LOU JONES

All the jobs are going well in the Alameda area.

The shops in this area are working on a number of projects, including road improvements and the installation of new sewer lines.

We are also working on a number of larger projects, such as the construction of a new hospital, which should start soon.

**The American River Dam Job**

Is still using a number of our apprentices and they are getting a lot of experience.

We are very happy and proud of the excellent work being done at the Baiting Unit and have many young men who are finding out about our program.

We are still getting a few apprentices from the area.

We hope to get more out when Western gear is in gear on the canal at Newman. We can probably see by early next year.

**The shops in this area are working on a number of projects, including road improvements and the installation of new sewer lines.**

We are also working on a number of larger projects, such as the construction of a new hospital, which should start soon.

**We have a number of apprentices who are working hard on the projects.**

We have a number of apprentices who are working hard on the projects. They are doing a good job and we are proud of their work.

**The dredging project is currently underway.**

The dredging project is currently underway. We are working on a number of large projects, including the construction of a new hospital, which should start soon.

**San Francisco is still going strong as many old jobs are going on.**

San Francisco is still going strong as many old jobs are going on. We are working on a number of large projects, including the construction of a new hospital, which should start soon.

**The dredging project is currently underway.**

The dredging project is currently underway. We are working on a number of large projects, including the construction of a new hospital, which should start soon.

**The shops in this area are working on a number of projects, including road improvements and the installation of new sewer lines.**

We are also working on a number of larger projects, such as the construction of a new hospital, which should start soon.
NEW DESIGN . . . this sharp-looking grease truck was built for Dravo in Sacramento by Clark Welding shop. It is powered by a small Euclid.
It is important to return the enclosed billing card to receive credit for your dues payment. Also, clip out your decal and insert in badge holder. If you need a holder, contact your Business Agent.

Computer Will Streamline Handling Membership Dues

The long-awaited electronic computer which will start processing membership records will be assembled in the San Francisco office next month. The automatic system will provide more accurate and faster service to the membership, according to Business Manager Al Clem.

The mechanical processing will cut down on administrative expense and insure proper credit to members' accounts. Members will receive two cards in the mail. One will be clearly marked, "return this billing card," and must accompany dues payments. The card will contain the following information: member's Social Security number, Register number, dues period, date due and amount due.

It is, therefore, very important to the member to return the card for proper credit. It is equally important that the IBM card not be stapled, folded or mutilated.

The second card will be right up of the member's wallet identification, receipt and punch card to insert in a re-styled identification badge.

If a member doesn't have a badge or loses one, he should contact his agent, or the main office in San Francisco for replacement.