HEADING IN: This is the start of Diversion Tunnel No. 2 at Oroville Dam, with the drilling jumbo in place, just inside the entry.

Giant Oroville Dam
Will Breaks Records

Cornerstone of the vast California Water Project—the biggest water development ever attempted in the U. S. . . .

Highest earth-fill dam in the world and the greatest earthen embankment ever attempted in the world.

There are some of the superlatives describing giant Oroville Dam which is just now beginning to go into the main phase of its construction program, with the Operating Engineers as the key men of the operation.

Oroville Dam, located in the Feather River canyon about six miles east of Oroville, will be 3,500 feet long at the base and 8,000 feet long at its crest and will rise 735 feet above the present stream bed. A total of 77 million cubic feet of earth and rock will go into the embankment.

It will create a reservoir of almost 3½ million acre-feet capacity with 107 miles of shoreline and 15,000 acres of water surface.

BREWER JOB

Construction of the dam will span a nine-year period. Start of the project was signaled Oct. 12, 1951, when Governor Edmund G. Brown set off the first blast for Diversion Tunnel No. 2. Completion of all facilities except full installation of the powerhouse equipment is scheduled for 1970.

Preparatory work began with the signing of the first contracts in 1957 for relocation of the Western Pacific Railroad and U. S. Highway 40 altitudes, which run along the crest of the dam.

Don Kinchloe

Successor Named To Fill Vacancy

ILL HEALTH COMPULSORY RESIGNATION

On the advice of his personal physicians, Brother H. T. (Pete) Petersen resigned as Treasurer of Operating Engineers Local 3 in a letter dated March 18, 1955, which is reproduced elsewhere in this paper.

Brother Petersen is a veteran of 30 years membership in the Operating Engineers and had served Local 3 as a Business Representative and Treasurer, variably, for 24 years, since the very inception of the local.

The membership voted to accept his resignation, Brother Petersen expressed his deep regrets and added:

"It has been a privilege to be associated with you and the officers of Operating Engineers Local Union No. 3 over the years, and to have a part in the effort which has been responsible for this outstanding gain by the membership and the Union."

"I want to express my continuing esteem and loyalty to the Officers and to assure you that I will continue to serve the membership of our Union in the best of my ability."

Petersen joined the old Steamshovel and Dragline Men's Local 69 in 1925 when Operating Engineers Local 3 was reorganized as an independent Local.

In 1931, he became affiliated with the local. He was elected to the executive board of the Local and served as Vice President for the 1934 to 1936 term.

Then he transferred to Local 206 in Oakland and served as its Secretary-Treasurer from 1936 to 1955 in accordance with Article VII, Section 3, of the local union by-laws.

"This section provides that, 'A vacancy in any Office shall be filled by appointment for the unexpired term thereof by the vote of a majority of the following Officers: President, Vice-President, Secretary, Recording-Corresponding Secretary, Financial Secretary, Treasurer and Business Manager.'"

For the past three years Kinchloe has headed District No. 2 (Oakland) which is the largest district in Local 3, in point of membership. Before that he was District Representative in Contra Costa County Build­ ing Trades Council, and from January 1955 to

Don Kinchloe

Continued on Page 2

Hawaii-S.F. Election Via Phone Hookup

Union democracy was extended on Wednesday night, April 3, when the members of Operating Engineers Local 3 in San Francisco and Hawaii met together. The obstacle of a 2,000-mile distance between the meeting places was overcome by a trans-Pacific telephone hookup, making it possible for the brothers in the Islands and those in the mainland meeting to act simultaneously on the nomination and election of the Election Committee member for District 4.

The San Francisco end of the regular quarterly District 1 meeting started at 8 p.m. at the San Francisco Labor Temple, and the Hawaii part of the meeting in Washington Intermediate High School, Honolulu, started at 7 p.m. Hawaii time.

Bro. Curr. Sec. W. V. Minihan and Vice Pres. Jerry Dowd were on hand to conduct the meeting in Honolulu, while Pres. Paul Edgcomb and the other Officers constituted the San Francisco meeting.

At 9:15 p.m. Pacific Coast time, the telephone hookup was completed, with loudspeaker amplification at both ends so the members could hear. Nominations then opened for the joint election of the Election Committee member.

Hil Hager, a member of the San Francisco Grievance Com­ mittee, was nominated first.

H. T. Petersen

Continued on Page 2
Unemployment Benefits Will Be Extended

Kinchloe New Treasurer

Peterson Resigns Due To Ill Health

Joint Hawaii - S.F. Election

Foran Bill Aimed at Negligent Employers

Pritchard Succumbs to Heart Attack
San Rafael Pines Hops On Weather

By T. J. STAPLETON, BOB SKIDGEI and AL HANSEN

In last month's report, we talked of the recent storms which had hit Marin county pretty hard—but we are happy to report good spring weather has arrived, which will get the jobs back in full swing.

Work is going on in on around Marin City with Syar & Harms, Lee Mac Paving and Holtzinger Bros. Cecchi & Son, R. A. Forde has a small job at San Rafael consisting of curbs and gutters and streets, Syar & Harms is starting another job at Novato.

Paradise Cay starting again (weather permitting) on streets, Williams & Barrows going good at Tiburon, Brown-Bly Co. starting to go on their Tiburon Highway job with weather permitting. Underground Cond. moving around the area on small jobs. Prodomovich has street work at a small Novato subdivision.

GERWICK LAYOFF

Ben C. Geerwich laid off all but a small crew on an 811-1/2 Kenney Veola pre-stress yard. Reason—no work.

Syar & Harms & Gordon Ball have a few Cela clearing on Highway 1 at Hamilton Field and a small drilling crew on their rock pile.

Bob Rook has started two shifts making rock for Kieswitt’s job, also Syar & Harms & Gordon Ball.

MOVING DIRT

Syar and Harms still moving dirt at Terra Linda. This job will go for a couple more months, we believe.

CANDIDATE

This paper will probably teach the Brothers too late for the election, April 8, but it’s a matter of interest that one of our long-time members, Vernon D. Thomas, bad his hat in the ring for Chief of Police of the City of San Rafael. It runs in the family—his father was in police work.

Bob Rook has been a member of Local 3 for many years and works for the Hulehinson Quarry at Greenbrae.

We are very happy over the large turnout of members who attended our Safety Meeting on Wednesday, March 6th.

Safety Certificates were awarded to the following foremen: J. T. Smith, Syar & Harms & Gordon Ball; Jose A. Silva, C. D. Medien; Lynn C. Williams, A. G. Rulseh; Bill Connors, Lumber Co.; D. A. Cooper, R. A. Forde; James L. Johnson, Lee Mac Paving; R. W. Watkins, Jose L. Hull, L. F. Meyers, Ghislot Bro; M. E. Tavener, M. Amaral Conn, and Philip Sally, Brown-Bly Co.

MINIATURIZATION IS THE TREND in electronics an other branches of American industry, but in construction there is an uninterrupted progression to bigger and heavier machinery. Shown above are three of the behemoths displayed at this year’s Construction Equipment Show in Chicago. TOP PHOTO: The world’s largest dragline bucket, made by Esco Corp. for Marlon. The bucket has 85 cubic yards capacity, weighs 92 tons with rigging and measures 25 feet plus in length, 18 feet in width and over 19 feet in height. CENTER PHOTO: World’s largest rubber-tire dozer, by Allin-Chalmers, weighing about 55 tons. BOTTOM PHOTO: Another A-C exhibit, billed as the world’s largest crawler tractor.

Bigger and Better

San Rafael Independent
**SACRAMENTO PICKING UP**

BY E. M. NELSON, WM. E. MERTZ, AL DALTON, CLEM BOOYER and TOM ECK

Things have begun to pick up in the 24th Street area. Granite Const. Co. has started their free-way in Pollock Pines. This will place a heavy burden on the market.

Things in the city are beginning to go a little better. There have been a lot of property sales in the Valley, but it still looks as if we will have a very good year.

Donner Summit jobs moved in March 12. Briggs Company is now working on Crescent Grove and Donner Summit Highways. The mechanics are still going on some of the equipment. Guy F. Atkinson's Emigrant Gap will be going by the time this is printed.

The big job for Placer County Water was let with a combination of concerns on a joint bid. Kaiser and MAX will probably sponsor the job.

**EQUIPMENT READY**

The contractors in the Auburn area have all their equipment overhaul ed and are ready for the coming season.

Granite Construction are hanging tough at Sunset City waiting for their 25-ton gasoline overhauled truck to arrive at the ends of roads and underground. Acer Jet has some reconditioning of test steel to be done. Their concrete centrifugal plants are at the job site. Kaiser Construction Co. has a unique crane mounted on trucks on the 17th Floor to set the panels around the building. Brother "Stoos" Stonecipher at the controls.

The State has called for bids on the E. St. underpass job for some time. Both Kaiser and Rankin & Whitney have a bid on this job. It will run close to a million dollars.

We also have a hotel and office building to start on next month. This job will run around $10 million dollars.

Over in Davis, Lathrop Const. Co. are hanging the panels on their building. Rachel M. Ruffin, Whitney Const. Co., Baldwin Const. Co., and Al. Rankin & Whitney have a lot busy on their various jobs.

Granite Const. Co. has added both the excavation and subgrade on their Rd. 102 job to D & K Const. Co.

Spring is well under way in Pollock Pines. It has been a beautiful winter, and we think it will be a good season for the Broth ers.

We have one job starting at the Camino turn off on highway 50, and it will end at Boullion Bridge—approximately 10 miles and 100 acres. All this will be done in 9 months. Kaiser Const. Co. is working on this job. They shaved over $4 million and will finish in 1963.

Walnut Const. Co. are still working on the Chil Barn Dam project and making good progress.

This job is a tough shovel job and is taking a lot of power to break up the material for the shovels. They are not going to make a diversion tunnel, just two 3/4" field pipes for the American River to run through. They are building a lot of new roads in the El Dorado area, and keeping a number of contractors busy laying streets and putting in pipelines. The contractors in this area are Del Cane, Cameron and El Dorado Development Co. and Teichert.

This tunnel job area is getting ready to start work around the lake. It has been a tough winter for the Brothers in this area but we understand there is to be a tunnel job, also a number of housing projects—more about this later.

Thomas Const. Co. were low bidders on this area job near Coloma—this will be a short job. We would like to thank all of the Brothers in this area for coming from afar to the Union meetings. These shows they are good realers and interested in what is going on in their union.

**San Francisco**

**Blugs. Seem To Rise Overnight**

BY JERRY DOWD, GEORGE BAKER and ED DOBOS

Work in general in San Francisco has been good all winter—and in fact, the best in many years even though there was not much business during the summer.

In the San Francisco area, multi-story buildings appear to spring up overnight.

Kaiser Construction Co. is completing right along with their Telephone Building job, and expect to start their 23-story job a short distance from it.

Harmony has started a few DW 's for the underpass at Ocean Beach, and has also been working on a tunnel in the area. This job is starting to look a little like a project.

Flambo Bros. have a contract to build on the old Marin Base site on I 'n and I 'n for a producer wholesaler marked. This move was made necessary by the demolition of the old location to make way for the Golden Gateway project.

The Percol job is finally starting to shape up. They have two water hammer jobs to be started and a couple more to be erected in the near future, which will keep the company busy in the San Francisco area.

Company is not having as much bad luck as in the past. Things are going smoother now.

They have a special cleaning when they lose a Float (end of major), they have to pump out the mud, and when the water gets fairly clear, they send a crew down to clean the mud, sometimes as deep as 300 feet.

Dinsdale has several jobs in the area. One, at 200 Project Ave., which will be Mary's storage warehouse.

Hercules is building a 24-story building on Sacramento St. It has only one apartment per floor—this should be a handy job. The needle at the Seattle World's Fair.

**DEATHS**

Initiation Died

Royer, Alexander, Oakland 4-1-64 7-7-63
Donald L. Hughes, Salma 4-6-63 5-15-63
Charles Fickle, Greenville 4-7-63 5-20-63
Bann Ted, Millbrae 4-16-63 5-1-63
Clarence K. Cameron, San Francisco 4-7-63 5-2-63
L. L. C. Rhone, San Jose 4-7-63 5-2-63
Tom Langton, Castro Valley 4-7-63 7-22-63
Edwin R. Saunders, Richmond 4-9-63 7-22-63
Lester Oldens, Waterford 4-5-63 5-13-63
Jack Arntzen, El Camino 4-5-63 5-13-63
Howard Buell, Walnut Creek 4-5-63 5-13-63
A. H. Sorial, Pleasanton 4-6-63 5-13-63
Robert Dycus, Murphysboro, Ill. 10-27-63 4-15-63
C. E. Patterson, W. Sacramento 7-12-63 1-25-63
John C. Fertel, San Francisco 4-8-63 5-8-63
Perrett Prichard, Lodl 4-22-63 5-21-63
Fred T. Jerner, Grants Pass 3-5-63 5-5-63
Ed R. Young, Grants Pass 4-11-63 5-6-63

**BEFORE THE LATEST RAINS**

We noticed that the out-of-work lists were beginning to shrink at a rapid pace. Of course, the weather will slow things down again for a time. But while the weather outlook may still be a bit uncertain, as it is every Spring, the job outlook is "sunny." In the light of reports we have been getting from all the areas, the Engineers can look forward to a very good season this year.

**DURING THE PAST MONTH**

We were able to attend a number of the Safety Education meetings—specifically, those at Watsonville, Oakland, San Mateo, and San Rafael. It was gratifying Indeed to see the interest of our members in the Safety program, as shown by large attendance at these meetings. For example, there were approximately 100 members in attendance at both the San Mateo and the San Rafael meetings. This is a far cry from the modest start of the program, as in the first Safety meeting held in San Rafael, with only 5 or 6 people.

At these meetings 147 Safety Certificates were presented to foremen and members of our union, who have gone for long periods without any lost-time work injuries on the jobs they were running. This is a clear indication that many of our foremen are taking real interest in the subject of safety. We know that by working together with them and with our employers, real progress can be made in cutting down on accidents.

Many of you will have noticed on your jobs that a Safety Education Committee is already functioning. It is our hope that we can have a Safety Education Committee on every job, on each shift, during the coming season for the purpose of reporting safety hazards on the jobs and bringing to the jobs the latest information on safety practices. There is no doubt that this will be beneficial to all of the members.

**ALSO, THERE HAVE BEEN 51 MEMBERS APPROVED TO ACT AS JOB STEWARD ON VARIOUS JOBS AND PROJECTS THROUGHOUT LOCAL 3'S TERRITORY. IT IS THE HOPE OF MYSELF AND THE REST OF THE OFFICERS, THAT WE WILL HAVE A JOB STEWARD ON EACH JOB AS SOON AS POSSIBLE.**

You will note, in reading your copy of the AGC Agreement, that provision is made for Stewards on the jobs. We know that with Stewards on the jobs, working cooperatively with the membership, the Business Representatives and the employers, there will be real protection of the interests of the union and the members.

**YOU WILL NOTE ELSEWHERE IN THIS ISSUE THE RESIGNATION OF BROTHER H. T. PETERSON FROM THE OFFICE OF TREASURER.**

We were extremely sorry to hear that his doctor has ordered him confined to his home for a period of three or four months, and all of us wish Pete a comfortable convalescence and speedy recovery.

We are sure that any of Pete's many friends who happens to be in the San Jose area will call or visit him. He will be missed around here.

**DURING MARCH THERE WERE 1,929 MEN DISPATCHED AND 194 CONTRACTS SIGNED.**

**LOOK FOR THE UNION LABEL**

**UNION LABEL AND SERVICE TRADES, AFL-CIO**
Safety Meetings in March

San Mateo foremen get Safety Certificates.

It was standing room only at San Rafael.

Oakland meeting listens with interest.

Oakland foremen display their Safety Certificates.

One side of the hall at San Mateo Safety Education meeting.

At the San Rafael meeting a bumper crop of foremen got Safety Certificates.

LEGISLATIVE: Busy Contractors Lobby

By A. G. BOARDMAN
Education & Research Director, Calif. State Conference of Operating Engineers

The California State Chamber of Commerce estimates that an all-time record of $6.43 billion in new construction will start this year. Of this, $1.97 billion will be private construction and $2.61 billion public. This is an increase of 10 percent over 1962.

The 90,000 licensed contractors in the State of California employed 396,000 workers according to the Department of Employment, proving that the construction industry is big business.

As big business, the industry is able represented here in Sacramento. The industry opposes and discriminates laws in housing, laws that would strengthen apprenticeship training pro-
grams, increase in the fields of Workers' Compensation, Disability Insurance and Unemployment Insurance. In other words, they oppose labor's legislative program.

CONTRACTORS BILLS

On the other hand, they have in the legislative kipper their own bills that would limit city taxes on contractors to be paid only for the quarter in which work is done; set up mandatory fines for unlicensed contractors; curb bid shopping and bid peddling abuses; and the strengthening of the bond provisions of the Contractors License Law.

So far, little action has been taken on the legislative program of labor. The first hearings on unemployment compensation legislation will be on March 21. These hearings are held by sub-committees of the Finance & Insurance Committee, and until the committee acts they cannot even start to become law. One would be inclined to conclude that labor's program is going no place.

ENGINEER'S BILL

The first legislation sponsored by the California State Conference of Operating Engineers has been introduced by Assemblyman Norm Caplan. It is AB 2986. It adds Section 636 to the California State Labor Code and reads as follows:

"Every employer who through gross negligence in failing to provide a safe employment and place of employment, causes a serious injury to his employees in punishable by imprisonment in the county jail for not more than six months or by fine or not less than fifty thousand dollars nor more than one thousand dollars ($1,000) nor more than five thousand dollars ($5,000)."

"Every employer who through gross negligence in failing to provide a safe employment and place of employment, causes the death of his employees is punishable by imprisonment in the county jail for not more than one year or by a fine of not less than one thousand dollars ($1,000) nor more than five thousand dollars ($5,000)."

The awards were earned on jobs that included pipeline laying, wharf and pier construction, underwater demolition and construction and heavy construction.

Most notable projects completed included the Oakland-Alameda vehicular tube, DeSoto powerhouse and penstock, Napa River bridge substructure, poured concrete wharves in San Francisco, Port of Sacramento harbor facilities and atomic reactor caisson at Hanford.
Oakland: Better in March

BY DON KINCHLOE, L. L. TINY), LAUX, NORRIS CASEY, FRAN WALKER and JAMES (RED) IVY

The month of March has really shown an improvement in the outlook for the building business. Over 200 men were dispatched. This does not include those registered on the list that have returned to previous employers.

Lee J. Immel, San Pablo, is proposing a 4-lane 1/2 mile of dirt for the new Hilltop Drive-In Theater on Hilltop Drive in Richmond. This will have a capacity for 1,374 cars. All these cars will be arranged so as to make a double screen. This will be one of the most modern and up-to-date drives in the area.

This job is under the supervision of Bro. Irvin Carter, with Bro. Lewis Lively as steward. This job will keep the brothers busy for quite a while. All the work is to finish moving the dirt, Goyart Construction of Richmond will be moving in to build and cement work.

FILTER PLANT

Fruit and Vegetable Co. of Burlingame is moving out from his present location in the city. They are about to begin a double Superintendent operation on the site of a old building and cement work.

TWO TUNNELS

Peter Kiwitt was also low bidder on the two water tunnels for the new Hilltop Drive-In Theater. The Water Resources, also to start around May 1, Go. the La Costa tunnel, runs through to Livermore for one mile. The other, called the Mission Valley tunnel, runs through the hill near Sunol. All three of the Kiwitt jobs are with a five year loan.

The Dept. of Water Resources have indicated that much more work will be let on the Ray Aqueduct, some starting this week. Most of it will be in the bay area, including the 3,000 miles of project. The projects will be $8,000,000 worth of excavation for the Intake Chute at the Suisun Dam, the San Joaquin Light and the California Light Plant. Bids are due to be called some time in April.

PLANTS FINISHED

There is some $7 million worth of work to be called at the end of the month. The Pomona and Del Valle pipelines. Relocation at the cost of approximately $1.5 million, miles of the Del Valle County Road. Second stage of the Brush Creek Pipeline, 2.5 miles of the Newberry pipeline should be let in September. Santa Clara pipeline, an estimated 9.2 miles, should be let in August.

Second stage of the South Bay Pumping Plant should be let in August — estimate $1.5 million.

The Department estimates that $29 million will be spent on these projects this year. This will be a continuation of the job being done by McGroarty & Hester.

Flemco Co. have some 600,000 cubic yards of dirt to move on a new site of Washington Manor High School. Walls Webb & Co. have 360,000 cubic yards on the Grandaville High, to be built on Stanley Blvd. near Livermore, which will be started on May 1 from Fremont have the dirt work.

McDonald Construction, Hayward, were awarded a $19,925 contract for an addition to the hospital near Hayward.

PLANTS FINISHED

Another accident in this county. A brother was instantly killed when a 5-yard drag line fell on him, for no apparent reason. Several plant jobs in upper Contra Costa county have been completed or are nearing completion, resulting in a number of good crane operators showing up on the work list. Among these were the Bechtel job at Avon, the Parsons job at Mountain View, and the Columbia Steel Mill job.

The Columbia Steel Mill job will go for the Hamilton Construction, American Bridge Co., J. M. Foster Co. and Swinerton & Wal­ berg. A number of specialty sub-contractors employed from 70 to 80 Engineers and Mechanics. The best of the jobs we've had in this area for some time.

The job consisted of installing a new continuous cooling line (the galvanizing light gauge sheet steel) and a new cold reduction mill, and is part of a proposed $700 million expansion program for this plant. There are two more units supposed to be let in the near future which should help the crane operator situation considerably.

SCRAMBLE

In the meantime the dirt-moving is being held up on the area, the high gear and there is quite a scramble as they all seek to get in under the cover of the summer, which is expected to be the biggest of the best we have ever had.

Rose & Matson have moved their office to a new building on the Gordon Ball Freeway job in the Concord area with Bro. L. J. Stump as foreman and Bro. Garnar Niccum as steward.

The Stahl-Earle tunnel job (Lafayette Tunnel No. 21) in the Lafayette-Oroville area is another good job and has been a home for several of our members for quite a while. Work was started in November, 1963 on this job, 12 mile diameter bore with a 6 foot 6 inch finished on the line. A total of 40,000 cubic yards of concrete will be used for the lining and at the present time the arch is being poured at the rate of 125 feet a day. Most of the brothers on this job have worked it all the way through. At the present time, Bro. Joe Finkler is steward on the day shift, Bro. "Red Storm" Finkler on the evening and Bro. Hor­ nec Jones is Safety Committee man.

Los Angeles:

Bro. Harry O. Burke is recuperating at home after undergoing surgery. Harry is doing fine and expects to return to work within a short time. Bro. Burke is still at the hospital, but is up and around. Bro. Harry Miyahara was just released from Brooksbrooke Hospital and is home at this writing and is doing all right.

Fresno

It is with the deepest regret that we report the passing of Brother Wayne Moore, Brother Earl Dillard is in the Spring­ ville hospital convalescing from a major operation. He would appreciate your thoughts and prayers. We are in need of blood donors. Our supply is running low.

Stockton

Brother Jack O'Brien was made foreman on the Green­ weston-Teeon job at Northgate. Brother "Gib" Dahl, who recently underwent open heart surgery in San Francisco, was the recipient of the procedures after an event of entertainment sponsored by Tuolumne city organizations to help defray the enormous expenses of the heart specialists who were required for this type of opera­ tion.

Brother Bill Stoner is the proud owner of a brand new Cat 12 blade.

Sacramento

Congratulations to Mr. and Mrs. Jack A. Scogin on the birth of a baby boy at American Hospital. Brother John M. Fukui, who is working in San Francisco, was the proud father of a baby girl.

Mrs. Betty Gear had really enjoyed her trip to Vancouver, British Columbia. She came down for the Warner Bros. film premiere.

Santa Rosa

Our blood donors for the month are Ellery March and Ed Minor. More thanks to you both. Congratulations to Chuck Sills, who recently became the proud father of a baby girl. With deep regret and a sense of loss we report the death of Thomas Campbell. We know he will be missed by his co­ workers and friends, we all knew him. Our deep sympathy to his wife and family.

San Rafael

Thanks to Bro. Richard Keough for donating blood. He is a regular donor. Brothers John Dobbins and Tracy Ford have formed a new partnership known as Dobbins & Floyd Crane Service.

San Diego

Bro. Sandy Mills, mechanic for Ghielotti Bros., was con­ fined to San Rafael General — with first and second degree burns. Several months he was filling cages with gasoline, and the gasoline ignited, burning both of his hands and causing him to fall from the running board of the truck.

Congratulations to Bro. Tom Hubbard and family on recent death of their 3-year-old daughter. Bro. Mike Gammoli is on the sick list. We wish him a speedy recovery.

San Mateo

Congratulations to apprentice Peter Favre on the birth of his second child March 23 at Peninsula Hospital. The youngster weighed in at 7 lbs. 6 oz, and will be called Peter Favre, Jr.

Vallejo

Congratulations to Brother Robert Smith, on a daughter, Sheryl Lynn, born March 15, weighing 6 lbs 8 oz. Brother Lawrence Freeman, who is recovering from heart surgery, has dropped in a couple of times recently and reports he is feeling like a new person. Get well soon.

San Francisco

Frank Sirenga, hospitalized since 1961 following a car accident, is coming along nicely. He was paralyzed in both arms and both legs, but has been able to walk around the hospital, has good use of one arm, and the other arm is progressing.

Ray Parres, formerly our garage man, is in good shape after a spell of traction in St. Joseph's Hospital for a bad burn. He is filling his usual rounds for the hospital after major surgery. Bill Pollock is in Children's Hospital with a serious leg ailment.

Congratulations to George Simonds, who has been very ill for the past few months, is doing fine and expects to be released soon.

Lester Wright, a Brother from Mountain View, died recently at the age of 60.

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Pipe Mill on Tracks

This monster machine weighing 185 tons can move over almost any type of terrain at a maximum rate of 90 feet per minute and leave behind it a pipeline made from spoons of flat steel. Its opening in the front and come out the back end like a spider straining a strand of web.

The left side of the picture is the cab which is manned by an Operating Engineer with generating unit right behind it. On the third and fourth set of tracks is the pipe mill itself, which does the feeding, forming and welding of the steel into a pipe of either six, eight or ten inches diameter and then makes a test of the weld before laying it on the ground.

This pipe mill, still in the experimental stage, is manufactured by Mobile Pipe Corp., a subsidiary of Gilmore Steel Co. of Oakland. Two sections of finished pipe can be seen lying in the foreground.

MEETING NOTICES

April

<table>
<thead>
<tr>
<th>DISTRICT</th>
<th>April 1</th>
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<tbody>
<tr>
<td>DISTRICT 1</td>
<td>San Francisco—April 3, Wednesday, S. F. Labor Temple, 10th &amp; Capp Sts., 8:00 p.m., and House of Hope, April 10, Wednesday, 215 Third St., 8:00 p.m.</td>
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<tr>
<td>DISTRICT 2</td>
<td>Eureka—April 5, Tuesday, 3rd Street, 8:00 p.m.</td>
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<tr>
<td>DISTRICT 3</td>
<td>Redding—April 10, Wednesday, Engineers Bldg., Lake Blvd., 8:00 p.m.</td>
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<tr>
<td>DISTRICT 4</td>
<td>Marysville—April 11, Thursday, Elks Club, 609 1st St., 8:00 p.m.</td>
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May

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<tr>
<th>DISTRICT</th>
<th>May 2</th>
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<tr>
<td>DISTRICT 5</td>
<td>Sacramento—May 2, Thursday, City Bldg., 10th &amp; Capp Sts., 8:00 p.m.</td>
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<tr>
<td>DISTRICT 6</td>
<td>Stockton—May 6, Monday, Engineers Bldg., 8:00 p.m.</td>
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<td>DISTRICT 7</td>
<td>Oakland—May 6, Wednesday, Labor Temple, 215 Third St., 8:00 p.m.</td>
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<td>DISTRICT 8</td>
<td>Watsonville—May 16, Thursday, Veterans Memorial Bldg., 215 Third St., 8:00 p.m.</td>
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Injuries Decline

Washington—Work injuries in manufacturing plants declined 9 percent during the fourth quarter, 1962, the Labor Dept.'s Bureau of Labor Statistics has reported—from 11.7 to 10.6 per million manhours worked, well under the annual average rate of 11.4 for 1962 and 11 for 1961. BLS said 21 industries achieved average rates of less than 5 per million manhours worked.
Marysville Has Big List

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

As this article goes to press the Marysville district is in the happy position of being able to show a growth in the number of new offices and shops opening. The Marysville district is growing and new businesses are being opened almost daily. In the past few weeks several new businesses have opened in the Marysville district.

APPRENTICESHIP

We have had a couple of meetings with the representatives of the Apprentice Program and a committee of members from this district. We appreciated their enthusiasm that has been generated.

PROGRESS ON DAM

Oroville Dam contractors have had their share of headaches, what with one thing and another. Their proposed railroad has been one of the major causes of suction grabbing. It began to look as though the company and the City of Oroville were going to see eye to eye at last when they got the go-ahead on the railroad route for only 34 min.

ROAD PROJECTS

McNamar Com. is planning to get on their highway job at Sierra City again April 15th. They will start shortly and should have this thing started by this time.

The State Division of Highways called for bids on a resurfacing project in the vicinity of Fallon. There are a number of projects in the vicinity of Fallon, and we believe that the bids will be closed on the project by the end of the month.

Cochran & Celli
Recap for Economy

Don't Take Chances With Smooth Tires!

By ART PENNERAKER and HOWARD WTMN

The Secretary of State's office has held their special meetings of Technical Engineering Program. We have attended these meetings and they have been well attended. The meetings have covered a wide range of topics, from the history of the program to the future of the program. The meetings have been well organized and the discussions have been informative.

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Building a Great Dam

Continued from Page 1—
through the Feather River canyon.

First major construction contracts went to Frazer-Davis Co. for construction of Diversion Tunnel No. 1 and a fish dam downstream at Thermalito.

HALF BILLION DOLLARS

The prime contract for construction of the main dam and Diversion Tunnel No. 2 was awarded last August to Oro Dam Constructors, a joint venture comprising eight big western construction firms. Price tag of the prime contract was $120,863,333, which includes Diversion Tunnel No. 2, also to be built by Frazer-Davis as a sub-contractor.

Total cost of the Oroville Dam complex will run around a half-billion dollars.

A visitor to the Oroville Dam site today finds the project just beginning to shape up.

Diversion Tunnel No. 1 is bored through, and Diversion Tunnel No. 2 has been started. These tunnels will be 39 feet in diameter, 4,383 feet long.

Initially, their purpose will be to divert the heavy winter flow of the Feather River around the fill material that will be placed during the summers. Later there will also carry away water which has gone through the powerhouse to be built completely underground in the left abutment of the dam.

Concrete lining of the first tunnel is in progress, and is scheduled to be completed by December this year.

SETBACKS

Frazer-Davis is going ahead again with the Thermalito fish dam after suffering costly setbacks when the Feather River went rampaging during the heavy storms last fall and this spring, and wreaked the concrete dam at Thermalito.

Our Engineers have been at work on these preliminary phases of the work: (1) clearing brush from the site to be occupied by the dam; (2) building access roads to the job and "elevation roads" at successively high levels to be used in the future as the waters cover the lower roads in the canyon, and (3) building the right-of-way for the dam stretch of railroad over which the earth and rock for the dam will be hauled.

This railway operation will be one of the more spectacular aspects of the job. Existing roadbed and rail of the portion of the Western Pacific road running through the canyon have been taken up, and a new, extra-heavy railed roadbed and rails will be laid to carry the massive tonnes of rock and earth for the dam.

LONG HAUL

Transportation of material from the borrow area to the site involves a haul averaging 11 miles. Tonnage of material will reach the fantastic total of more than a billion ton-miles. Four extra-powerful diesel-electric locomotives are being obtained special for this haul, each capable of transporting 50 cars at a time.

Before earth is placed for the dam, all soil and weathered rock must be removed from the foundation area. This will entail excavation to an average depth of 31 feet, but going down as much as 100 feet in shear zones.

After the foundation is cleared, a massive concrete core block must be laid which will provide a solid base for the impervious core of the dam as well as protection for the outer layers of earth during the winter floods. There will be about 120,000 cubic yards of concrete in the core block.

To handle materials in the dam area, a special cableway is being built. Steel cable towers are being erected high up on each side of the canyon which will run sidewise on tracks, with their movements synchronized, so that placement of material will be possible over a broad area and well above the center line of the dam.

As with all modern dam installations, the concrete must be chilled so that it is comparable in properties to those of the December Fahrenheit when placed, for greater strength and less shrinkage.

CHILLED CONCRETE

Oroville Dam is specially interesting, if not unique, in this regard, because three different methods of chilling the concrete will be in operation along the side-byside. At the Thermalito fish dam site, Frazer-Davis is using huge water chiller trains at Oroville and chilled and added to the mix in place of some of the water.

For its Diversion Tunnels 1 and 2, at the main dam site, Frazer-Davis has built a special ice-making plant alongside the automatic batch plant. Here are four machines capable of making up to 8,000 tons of shaved ice daily. In this process, water is sprayed continuously on cylindrical steel walls chilled down to 7 degrees below zero. It freezes instantly even closer to the edge of the freezer and is shaved off by a scraper blade which rotates continuously inside the cylinder. The shaved ice falls into a big hopper, from which it is moved by relaying twin worm screws into a smaller bin mounted on the batch plant and then fed, as needed, into the concrete mix by another worm screw.

WORK FORCE

Oro Dam Constructors, however, are assembling an all-purpose different and much newer kind of chilling plant which will use steam to create vacuum in big towers high on the side of the canyon to chill the water and the aggregates for the concrete to be placed in the main dam. This is one of two such plants in the country and was moved here from a dam job at Sand Springs, Okla. According to Walter Siegel, labor relations manager for Oro Dam Constructors, there are just over 600 on the payroll now, including about 200 Operating Engineers. At peak there will be about 1,500 employed, mainly Engineers, foremen and Laborers. The need for numerous craft at any one time will be the Engineers.

An outstanding feature of the Oro Dam operation, from the very start, has been its emphasis on job safety, under direction of Safety Engineer Tom Lukowski who worked on the New York Power Authority job at Niagara Falls and other big projects.

Water and power will be Oroville Dam's primary products, but recreation will be an important byproduct. The dam will create a large, new lake in an area of beautiful, forested slopes and wooded glades only a few hours' drive from the Bay Area and even closer to Sacramento.

Around Oroville reservoir will be picnic grounds, camp grounds, boat ramps, scenic overlooks and some overnight areas accessible only by boat. There will be fishing, boating and water-skiing.

Besides being a boon to recreation, the lake will underwrite California's general water needs, it will be a major economic asset to the agricultural portion of the Feather River Basin, Lumbering, its previous leading industry, is on the downgrades, and new packhorses based on recreation will give a much-needed boost to the local economy.

Last time work injuries in the U.S. went up 3 per cent in 1963 over 1962, but there were only 2 per cent more workers employed.
Utah Work Spotty Despite the Storms

By JAY NEELY, MERLIN BOWMAN, JOHN THORNTON, VANCY ABBOTT and LAKE AUSTIN

Work in the Salt Lake area has been intermittent for the last month. Just as we expect to get some of our brothers back on the payroll against another snowstorm, changes the picture. If ever does let up long enough, we should see the crews on a large number of our brothers.

The work picture for this area should be good for the entire work season.

Siag and Gibbons & Reed are trying to get their payroll up. We have been told they expect to have twothirds of the crew back in the Flaming Gorge area, again, and we have six overspats working now. The pile drivin-
gang has started to work at the Salt Lake City Hospital for $543,500.

The largest excavation and reconstruction job in the immediate Provo area is shown at work here. The picturesque scenery is some of the best in the country.

By WALTER M. VALBOT, AL MCMANUS, MIKE RAYHACK and GLENN DOUGS

Due to the unusually mild weather here which permitted most of the jobs, and all of the major projects, to continue work-
ing through the winter months, at this time we are not dispatching members as fast as some of the other areas.

However, the new jobs let to date and others scheduled to be let will accelerate the placement of personnel in the ensuing months.

Largest of the projects bid since our last report was by H. W. Clyde of Stockton. They have been able to go full blast; how-
ever, it doesn't look as it has done in past years. They should be headed for a bountiful year with bids due April 2 on the reconstruc-
tion of part of Central Ave., about seven miles south of Malad, and the reconstruction of part of Central Ave. From Di-
vidson Ave., near Layton, to Blue Sage Rd. in the city of Malad.

We would like to urge the Operating Engineers to notify their Steward or Business Rep-
resentative or the Salt Lake Off-
cice that it is necessary to notify Jack Kirk in this area. However, there are two or three good road jobs that should come over this year. One is through the Twins, just west of Vernal, and others are Forest Service jobs. Brothers Art and George Day have been closed in in Montrose and Green Dale Junction.

Work in the immediate Provo area is going well.

There has recently been a change in dispatchers in the Provo office. Darrell Stoddard is the new dispatcher, replacing Mont Parker who has been trans-
ferred to another area in Local 9.

Most will be missed by his many friends in this area. He did a good job in the office and has served on the Executive Board of the Southern Utah Labor Council. He was selected as the coordinator of the Provo Area of the Operating Engineers Local 2.

In those positions he served well and faithfully.

The demand for blood has been greater than the donations; consequently, our reserve is nearly depleted. We would like to encourage all of the members who can donate blood, to get in touch with Darrell Stoddard at the Provo office or go direct to the Utah Valley Hospital and deposit blood to the Operating Engineers Blood Bank.

SOUTHERN AREA

The weather man has taken another swipe at the construc-
tion business in the Southern Utah area with more snow. How-
ever, it offers some new interest in the moisture shortage. We know there will be some work stop-
pages due to the weather for the next few weeks, but they should be of short duration.

The much publicized pipeline site at Green River has become a reality, and work has started.

Olsen Co. of Salt Lake City is the prime contractor, Fife Const., Joaquin county. Another small job is for reconstruction of part of Central Ave. from Di-
vidson Ave. to Pioneer Park in the city of Vernal.

Tower at the University of the Pacific, and miscellaneous build-
ings at the Stockton State Hos-
ipal.

The largest excavation and grading job for this district in the immediate future, with bids due April 2, is for the Sierra Conservation Center to be constructed in Tooele county with an allocated budget of $11 million. The Center will be the largest of its kind in the world and will be located 11 miles southeast of Sorona on Copperopolis Rd.

There will be no groundbreaking around the first of April for 86 homes of the first unit of Park View Estates adjoinig Van Buren-

KEPT

In the next week or so.

PROVO AND EASTERN AREA

At Provo, the wall job on the new courthouse has started again. We will expect to get some brothers on the pay-
roll till midsummer.

As yet the various contractors have not returned to the boil-
best ramps and the access roads to them. The John Flaming Gorge area, but we expect them to start by the first part of April.

Construction work in general doesn't look as it has done in recent past years in the Utah Basin and the Flaming Gorge area. However, there are two or three fairly good road jobs that should come over this year. One is through the Twins, just west of Vernal, and others are Forest Service jobs. Brothers Art and George Day have been closed in in Montrose and Green Dale Junction.

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There will be no groundbreaking around the first of April for 86 homes of the first unit of Park View Estates adjoinig Van Buren-
irk Park in South Ste	ion. This

will be a multi-million dollar sub-
project that will eventually cover 154 acres.

Nunnall Construction Co., of Bountiful, was chosen for the Armory Building for $543,000. Nunnall also are constructing the new North Side Regional Plant near Swanov Park, Bureau
The nice weather in the Redding area at this particular time has helped speed operations on our new office building. As the news goes press, construction on the new four-story building with underground plumbing and the electrical work installed.

THE FIRST FOUR of concrete into the foundation forms for the new office building in Redding is shown above. Now, the walls are up, plumbing and electrical wiring roughed in, and it should be ready by the Spring rush.

By Harold Lewis, Bert Nakanoo, Clarence Friend, and Steve Brown

At this writing, there are 37 Legislative Days remaining. The final legislative and executive approval of the list of capital improvements in the executive budget submitted to the Legislature will mean more work for our brothers. We hope to have good news in the coming days.

The expansion of Magic Island will again begin to show operations. W. T. Chang Contractors, Ltd. was the low bidder for five out of seven project phases. The construction work includes building of several sewalls, four protective concrete walls and other material. We hope to see many brothers who were part of the bond crews working for the same brothers Frederick Mahuka and John Alama.

E.E. Black, Ltd. was awarded the contract to build Kame No. 2, Hawaiian Electric Co.’s second operating plant at Kabe on the approach to Nanakuli, for $2,710,000. The contract calls for construction to begin on April 1, and completion is scheduled for November 1964.

The Hawaii is a complex of several units planned through this decade to provide Oahu’s growing demand for electrical power. Many of the former employees will be put to work soon.

E.E. Black, Ltd.’s Queen Emma projects are showing rapid progress under the direction of Paul Burga, the plant manager. J. M. Tanaka’s sewer pipeline job on Kalakau, Avenue, Kalilau, Oahu, is progressing. When this job is completed, it will serve more than 25,000 homes in the area.

The weather has been very unstable. After a day or two of heavy rains, we have a fine spell of less than a week for the ground to dry out and enable our brothers to go back to work. It is very good to see G. Kobalde, etc., a contractor for the HHI, and his men completing their third phase of their Kaukula Subdivision ever on the windward side of Oahu.

Island of Hawaii

Business is going along as usual in Hilo; however, work in the shops has slowed down considerably. Our brothers at Thero, H. Davies & Company’s Tractor Repair Shop are taking an early vacation feeling the threat of a strike on the sugar plantations. Under this condition, as the plantations are not construing jobs at the present time, sugar along the main industry, a strike will have a tremendous impact on the economy of the Kona district.

Inquiries are pouring in about the Rockefeller Report Project. We have been asked by a number of people that we cannot give you any information as we have not been notified that we have received no report on when the project will commence.

Congratulations to Brother: Thomas “Chum” Fujiwara, steward at Riddle Selin & Service Co. Hilo, who was just appointed to the Economic Research and Development Commission of the County of Hawaii by Mrs. Helena Hale, chairman, and confirmed by the Board of Supervisors. Mrs. Hale, a Democrat, has the distinction of being the first female to be elected a county executive in the State of Hawaii. Brother Felicir will be sitting in a very important commission, whose duties are to find ways and means to improve the economic condition of the Island of Hawaii.

Island of Kauai

Congratulations to Honolulu Iron Works, Kauai branch, on being selected for the construction of an American Telephone & Telegraph Co. trans-Pacific relay station. The station, when completed, will allow the Hawaii-Japan submarine telephone cable to be connected here at Midway. A. C. Check and Thomas Oumi Overseas, Inc., originated the project and were awarded the contract for the construction work.

Safety

Safety is the greatest factor in the lives of each and everyone of us. Therefore, we are planning a special safety meeting for the construction industry here in the State of Hawaii. A safety committee has been organized to consist of 10 brother members. Its purpose will be to update our plans with the State Safety Department to prevent accidents and to bring in a step to hazardous practices.

Reminders

Your members will continue to be open every Monday evening, from 7:00 p.m. to 9:00 p.m. at 2305 South Beretania St. Feel free to come in and discuss your problems with us.

New Task for Henning

Washington — Labor Under Secretary John F. Henning, former NLRB director, who will head a newly created Equal Opportunity in Apprenticeship & Training.
We All Have a Stake In a Going Business

There is much nonsense, as well as a lot of deliberate malice, in the current propaganda about so-called "Big Labor." It's ridiculous to suggest that even the biggest international unions can begin to match the wealth and influence of such industrial giants as General Motors, U.S. Steel and Standard Oil.

But there is a small crumb of truth behind this propaganda. The fact that as industry keeps growing, unions must grow, too, in order to be big enough to do a job for their members — and Operating Engineers Local No. 3 is a good example of this truth.

We've been a long way in our industry from the days of the mule-drawn Fresno scraper.

Just as the equipment has grown in size, so has the scope of the industry. In the main, heavy construction is Big of the leadership at the helm which understands the members, must be effective on many levels. They companies and their even more powerful employer associations for the fare and modern are aid and blinsnes: representatives, the Executive Board, but in the final analysis it is each and every union, to report any violations of.

A trade union is Local 3 and their dependents. There are over 24,000 members. It's successful only to the extent that they have the support and understanding of the general public.

In today's complicated world, management and labor must be able to work together. Each has a responsibility to the other.

Today, the officials of Local 3, in order to serve the members, must be effective on many levels. They must not only be familiar with the bread-and-butter problems of the union, the negotiation of contracts and settlement of disputes, but must not only be competent to deal with all the modern complexities of today's labor relations such as pension, health & welfare, apprenticeship and the like; must not only know their way around all the new Federal and State laws, but must know how to make the union membership understand these laws and how to be competent to deal with them.

In the main business of the union, there are important responsibilities connected with the fringe benefits. The major ones, the Medical, the Welfare and 20,000 Pension plans. Contributions for Health & Welfare are now running at an annual rate of nearly $2,000,000, and for Pension plan they amount to more than $2,000,000 yearly. Last year the Health & Welfare plans paid a total of $1,311,864 in medical and hospital benefits to members of Local 3 and their dependents. There are over 250 Local 3 old timers now drawing pensions.

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San Jose Area Still Slow

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

Work in the San Jose area is still dull due to the recent rain, but with Spring just around the corner it looks like the Brothers will return to work. Pizzi Paving Co. were low bidders on the San Tomas Freeway. B. 22nd, the structural work. Oscar Holmes has started work on the extension of Highway 91 in Alviso, and are also doing the structural work. Freeman Paving are still working full blast in their shop getting the equipment ready for the spring work. At the present time they have several small jobs under way in Palo Alto, under the supervision of Brother Art Wright.

SEWERS

Charles Dorfman are using three crews working on a larger sewer job for the city of Los Altos. Brother George Ayers is foreman of the paving crew.

Sendig Construction Co. are in their shop and have several jobs going in the area. They were the low bidders on the job to construct the development for Fair Oaks Street in Sunnyvale. W. H. Bharat & Spactan Construction were the low bidders on a $300,000 contract for the installation of sewer and water lines on College Ave, and the Mt. View-Alviso Rd., in Mt. View.

L. C. Smith Co. were the low bidders on a $1,368,000 contract for road improvements and intersection changes in Mt. View. The job includes construction of 1.6 miles of two and four lane freeway and is expected to start within a month.

NEW HOSPITAL

Robert Smith, Raffin & Weirick of San Francisco were low bidders on the new Samaritan Hospital to be constructed on Bascom Ave., in San Jose.

Lloyd Reddin is finishing up his road job at Palmetto. This was a good job for the Brothers and the firm. There were 200,000 yards of dirt on this two and half mile stretch, 180,000 yards in one cut. The balance in a smaller cut. A short haul such as this was in contractor's favor and the Brothers were able to work through the winter months. Almost all the equipment has been moved out now.

Granite Construction is finishing their road job at Hillisser. This has been a real tough job due to the bad weather and trying to keep up to specifications.

SANTA CRUZ SLOW

Work in the Santa Cruz area is slow. Granite Construction have a crew working pushing in the culverts and doing the structural work on their Highway job just outside Watsonville. It is too wet to move the dirt. Granite also have a crew working at the Lockhead at Boulder Creek.

Rockwell is foreman for Granite at the Summit job.

Aloc Pacific have started their 175 units of homes in the Vacaville & Carmel Retirement Tract in Carmel Canyon. Granite Construction are doing the excavation on this project, with Dolph Brothers doing most of the work. Pacific Gas & Electric Co. have unveiled plans for a construction program which will spend $600 million in the Moss Landing area and probably include a nuclear power plant for generating electricity. The project will increase by at least six times the present power capacity of the Moss Landing area. This construction schedule runs through 1980.

The $7,500,000 Firestone plant near Salinas is already under way. The H. K. Ferguson Co. of Cleveland were the low bidders. It will be a $15,000,000 building covering 18 acres, due to be completed in November. Granite Construction have the bid for the excavation, and work is now under way with Brother Guy Murphy as foreman.

LIVES AND DOLLARS

Each year cancer deprives the national economy of 50,000 man-years of productive activity. Many of its victims are highly trained, skilled personnel. The dollar loss is incalculable.

SWAP SHOP: free want ads for Operating Engineers

FOR SALE

LOT AT 8585 MOLITOR ST., 1 B R, 1 B A. For sale or rent. $1,200.00. Phone 455-2104. RE, Napa, Reg. No. 3717. OCTOBER ACCORDION, 12 keys, 120 volt, 20 watts. For sale or trade. $25.00, 746-2516. MONTAGUE HOUSEWARREN, 139 Plymouth St., 2 R, 2 B, 1250 sq. ft., 40 yrs. old, in need of repair. $30,000. Call 262-6844. ROYAL HOME, Fontana. 139 Plymouth St., 3 R, 2 B. All wood, 1300 sq. ft., in good condition. $34,000. Call 262-6844.

FRAZIER DITCHER, ELCRO, 1346 W. Crenshaw St., 5 B, 2000 sq. ft., 2 baths, 1 family room, 4 bedrooms. $23,000. Phone 562-8811. 1947 NOV 9-12-40 ACRES, 2 R, 2 B, $41,000. Phone 562-8811.

WALTHER CRAWLING PLOW, 3 axle, 12,500 gal. Driv., for sale or trade. $7,000, Phone 562-8811.


FOR HIRE

BON 16-159, new complete engine, new exhaust pipes, battery, complete re-assembly. $375.00, 265-4855.

1963 POLARIS, 99 cu. in. 2 stroke, $1,600. WANTED TO BUY:

50 AMERICAN, 2 HOUSING, 2 wells, high pressure system, pipe, and 같이 included. 265-4855.

B. R. MILLION, 2660 S. 3rd St., Denver, Colo. 1949 FORD TRUCK, $3,000. 325-5614.

DUAL TWIN SPOTLIGHTS, includes mirror, 1 foot bight. $85.00. J. H. Jackson, 1186 Union St., East Bay, 244-3188.

1969 MACK B-50 TRUCK, 3 speed, all wheels, good 10,000 miles. 425-7837.

1962 CHEVY II SUNSET SEDAN, all original, 21,000 miles, $1,500. 246-2125.

1959 BUICK ORIGINAL, 10,000 miles, $1,000, 246-2125.

1963 CHEVY 210 ORIGINAL, 10,000 miles, good condition, $1,200.00, 246-2125.

1963 FORD 210 ORIGINAL, 10,000 miles, $1,200.00, 246-2125. J. H. Jackson, 1186 Union St., East Bay, 244-3188.


28 FORD CAR, $1,000. 265-4855.

1965 ENTERPRISE, 28 ft. trailer, 240,000 miles, $800. 265-4855.

1965 FORD C-500 STAKE TRUCK, Auto, Automatic, 40,000 miles, $1,500. 425-8444.

1960 CONTINENTAL, 28 ft. trailer, 100,000 miles, $600. 425-8444.

1965 FORD FORD, 8 ft. stake, 40,000 miles, $200. 425-8444.


1965 HOMER, Liberty Special Deluxe, 2 door, 65,000 miles, $1,500. 425-8444.

1965 CHEVY II, 2 door, automatic, $1,500. 425-8444.

1965 CHEVY II, 2 door, automatic, $1,500. 425-8444.

1965 CHEVY II, 2 door, automatic, $1,500. 425-8444.

1965 CHEVY II, 2 door, automatic, $1,50 MOVING?

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

REG. NO.

NAME

OLD ADDRESS

CITY

NEW ADDRESS

CITY

Clip and mail to Engineers News, 474 Valencia St., San Francisco 3, Calif.
A Lot Going On In Nevada

By R. L. ("Cap") SPENCE
Barkers & Stan Gamar

Whiting & Raymond, contractors from Springville, Utah, have started work in Spring Valley, Nev., about 80 miles northeast of Elko. They have a small camp set up and expect to have 10 or 11 Employees on the job soon.

Engineers Limited is now extending their pipeline job from Carson City to Gardnerville, Nev. There is quite a crew of Engineers on this job, and it has been quite steady during the winter season.

Dolittle Village Project will be going on again, weather permitting. A couple of new jobs have been advertised: a Highway job just north of Carson City to be let on March 28. Also, a Highway job to be let from the intersection of Highway No. 90 to Schoellie Mine Rd., April 4.

BRIDGES BATTEDER
Silver Star Construction Co., better known as Andy Dewum Jr., has moved in on the Inter-state highway, a stretch of road from Washoe to Fernley, from the bridge job that were put in last year by Isbell Construction Co., suffered quite a beating from the "Elko" flood in January. Rip-rap is being done by a big fleet of trucks, Northwest 80, and Deers, while the rest of Silver Star's crew are finishing the muck on the Fernley-Silver Springs job.

The Frank Tracy Power Station keeps moving along, though slowly. With the bulk of the work now being pipe work and electrical work, a few crane operators, a few machine and auger operators are keeping the other crafts working with materials.

Hooge Construction Co., Twin Falls, Idaho, are well under way on their job at the Goose Neck Mountain, Nev. They now have 17 men on the job. In the near future, weather and daylight permitting, they will be starting a second shift.

This job is 16 miles long and they have 375 working days to complete the job. Recontracting on the aggregate is Louie Smith Construction Co. from Twin Falls, Idaho, who have two or three Engineers working at the present time. Hall & Hall Construction are doing the pipe work. John Jackson has a small screening plant and is blasting out aggregate for Louie Smith.

DELAyED
Vinnell's new Lake Elko and Dodge Construction on their highway job between Wells and Logan on Highway 93 will be delayed due to recent storms.

At ARC Shoul Project near Winnemucca, Nev., they were down 750 feet in the hole when last visited. This is one big drop, and all should watch the first step. Another firm recently moved on this project, Scott Brinkerhoff from Denver, Colo., with a rotary drilling rig.

Above is shown a specimen of the new dues card which Local 3bery issued this year. In place of the previous card which used gray and green bordered cards with a large "A" or "B" identification, plan was put into effect, a brown-bordered card for 8-D members—a total of six different forms—to indicate the various membership classifications, the new dues card comes in only two colors—brown and green.

The green card is now used for all members except 3-D classifications. The brown card is used for 8-D members only.

Your attention is directed to the two squares outlined above and the line in the left-hand corner of the new card which the member retains as his identification and dues receipt. All of the classification data formerly shown by the old dues card and "A" and "B" imprints is now shown in this portion of the card.

In the specimen above, the typing in the space headed "Card No." is all in capital letters. Associated, a few crane operators, a few machine and auger operators are keeping the other crafts working with materials.

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The red box is used to remind the member that if he should die while not in good standing, his beneficiary will get nothing from the International Death Benefit Fund.

We urge you to cooperate with the Nevada State Building Department in the enforcement of the State law on the use of the new card. This card together with the old dues card will be issued to all members until the 8-D card is completed and is in circulation.

The International does not have any cards on file for the 8-D card, nor does it have any cards on file for the 8-D classification. The new dues card is the only card that will be issued to all members.

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