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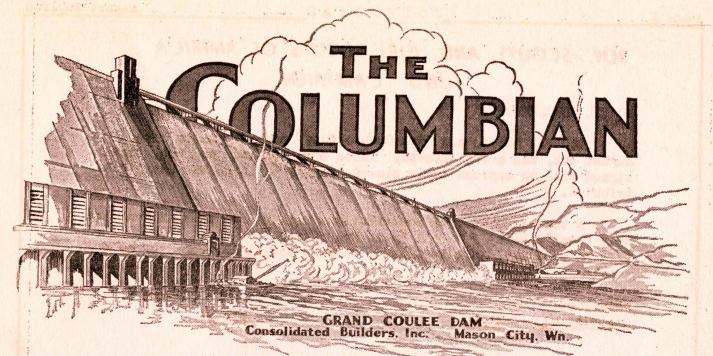
Consolidated Builders

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Vol. 4 No. 6

August .25, 1938

TWELVE BIG CRANES WILL PLACE CONCRETE FOR GRAND COULEE DAM

Optical illusions, originating both with the normal and abnormal eye, have a good shance for free play at Grand Coulee dam. This only tends to excuse the scribe who erred widely by calling concrete buckets only two feet in diameter. That human being, were he called to pass again on sizes, probably would also err widely as to dimensions of concrete-placing equipment atop the construction trestle; but a recent photographer saw new light when he found himself unable to take a close-up of hammerhead cranes. They were too large for the camera eye.

Rising on the construction trestle are double-cantilever (hammerhead) canes that any writer might misjudge unless advised of engineering calculations; for it is inferent true that to view the cranes either from a distance or from a close point might mean visual distortion.

The child who walks half the length of the building which houses Mason City stores, the post office and the bank also walks the length of booms on Clyde-Wiley whirleys. The man who strolls from the east end of the store on down to the west partition line of the recreation hall has covered the span of the smaller hammerheads. The woman who continues on from the same starting point and sits in a

booth in the coffee shop has traversed the spread of the larger hammerheads.

When crane erection is completed (not later than the early part of October), the bevy of mammoth cranes on the trestle will consist of three of the larger hammerheads, four of the smaller, and two Clyde-Wiley whirleys. Below on the west side three whirleys will be placed atop the transformer deck of the power house section to build up concrete in the walls of the power house and to help with miscellaneous erection. This will mean a total of 12 concrete-placing cranes.

General dimensions of the larger cranes are 356 feet over-all length (more than a city block) and 105½ feet high (approximately 10 stories) with an estimated weight of approximately 275 tons. Work requirements determined the size of the equipment.

The base of the hammerhead arm is 69 feet above the track. This falls only four feet short of clearing the top of the small er cranes. The operating distance is 330 feet, with trolley travel of 165 feet from the center of the crane. This makes the crane capable of placing concrete anywhere out to 165 feet from the center of the track and at right angles to it. Electric (Continued on Page Three)

BOY SCOUTS AND GIRL SCOUTS OF AMERICA

TO ALL CONCERNED:

Number of

The Boy Scouts and Girl Scouts Fund Campaign which ended on August 6th, was a big success. These organizations and the undersigned wish to express their sincere thanks to those who have contributed.

A tentative list of contributions received is shown below and when final reports from all towns are received, a final statement will be published in this medium, showing actual distribution of the fund:-

Contributors	Name	Amount	
1041	C.B.I. Employees C.B.I. Subcontractors' Employees	\$788.86 s	3.00
13 MAC	Colby Engineering Co.	16.50 9.00	31/13/
rest with serve	Steel Construction Co. Standard Asphalt Paving Co. West Coast Painters, Inc.	1.00	
Despit release	Bethlehem Steel Co.	2.50 10.40	(Ll taglete George ade a Prepario a
22	Bank and Post Office		\$857.01
29	Green Hut Construction Employee	3 13.92	
22	Western Pipe & Steel Co. Standard Oil Co. Employees	26.00	9.75
28	Grand Coulee Lion's Club		26.00
1480 anginasal	Mesperent 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MCClebba bela	do yaraka Tidapo-eje,
Park dais hassand scatter are sais Park By sign design	Chylon City	pro-culture of	ulysomian
	. sold	700 15 1775	

Yours very truly,

Consolitated Builders, line.

The second of the second of

United States Bureau of Reclamation

by

Edgar F. Kaiser Job Manager F. A. Banks

Construction Engineer



"Gee, what a physique!" murmured BILL SCHILDKNECHT and JACK LUDWIG, after passing several times of day with a big battler last week who twice stretched Primo Carnera out on the canvas for 10-count rests.

---FRANK LAVELLA no longer walks -- he floats. It's not a boy - but a Stude - baker.

---ARNOLD HARTY, once a confirmed bachelor, just ian't any more; but he hasn't been passing out enough cigars.

The school bell sounded and K. ORTH, 220-pound first-string St. Mary's tackle, furued in his brass last Friday.

but not guarding for himself. (YES, USE GUARDS ON MACHINES -- SAWS, FOR EXAMPLE.)
He got them.

-- An inter-departmental consolidation of interests at Mason City stores will take place Sept. 17 when MARY WALTERS are middle-aisling with ELDON LENTS.

wives old memories to residents by dub ting itself "The Cabbage Patch."

EARNIE ARNONE, once runner-up in Seautle public links tourney, says, "This fellow Mitchelson, he thinks he's a good golfer?"..."What do you think?" asks El. And so, if both can get away, they will kinda square off at Nespelem next Sunday morning, Aug. 28.

-- FD ARGERSINGER (who once captained the crew at the U. of W.) and DICK GRAY had some fun recently -- and cracked ribs.

-- MAINTAIN DECENT REGARD FOR THE SAFE-TY OF YOUR FELLOW WORKMAN.

---"TUFFY" TAYLOR got a black eye-- but it was legitimate. (?)



Bill explains to the girl friend that a machinist's helper is really somethin' like a foreman's job, only you help 'em out instead of bawl 'em out.

Ketchin' them trout was simple. I dove into the crick and the flies follerin me hovered over the spot waitin' fer me to come up. The fish seen 'em an' thought a hatch wuz on.

I ever finish tellin her the story of my life if she's gonna keep buttin in to ask fer another beer.

No, I haint gonna eat no biscuits. If that cook wants to git his hands clean, let 'im wash 'em.

(Luck will let you down some day if you depend upon it only for your safety)

I git this one shiner tryin' a first hand experiment on the kissin' fillosuphy expounded in a recent issue of the Columbian. I git this other shiner when mamma found out how I got the first one.

Charlie tells the cops which stop the fight that mebbe two of 'em should hold this other mug, 'cause one of 'em is enough to hold him.

And the inspector explains that what he sez on the job is meant to be in helpful sperrit -- that if Charlie don't foller his instructions the dam will mebbe collapse and drown a lot of innercent people. So they had two more and they both cried over it.

The purchasin' agent cuts my order squarely in two, so next time I jest dubles it and he buys it as it read.

(We have yet to find a man who regrets having been careful)

Gittin' water piped onto my place this week. The dog's gotta drink.

LPHABET OF SAF

M STANDS FOR MATCHES

They start fires, and fires are dangerous. Be sure your match, cigarette, cigar, and pipe fillings are out before throwing them away. Never light matches or smoke around inflammable materials or dust-laden interiors. Do not carry matches loosely in your pockets. Keep them away from children. One match-perhaps yours-can burn a city.

N STANDS FOR NEW

The man who just comes on the job is new. He should be shown the hazards of that job and the safe way of doing things before going ahead. This is the boss's job, but it's every man's duty to cooperate. His Safety means your Safety. A nailroad or mine is safe only when every man works safely.

O STANDS FOR ORDERLINESS Don't clutter up entries and passage ways. Be sure materials are properly piled. Watch for protruding nails and pull them so the next man won't get hurt. Return tools and meterials to

their proper places when you are their proper places when you are through with them orderliness preto yourself and others to keep thing

LANGUE BELLEVISOR OF THE COMMITTER OF THE PARTY OF THE PA

in order.

TWELVE CRANES (Continued from Page 1)

power for the hammerhead is supplied by a motor generator set furnishing current to eight motors totaling 406 horsepower. Truck centers on gantry rails are 50 feet apart.

The smaller hammerheads, which have similar machinery to the larger, have dimentions of 320 feet in length, with a working distance of 300 feet, and are 73 feet high. The arms rest 44 feet above the track. As with all cranes on the trestle, each gantry spans tracks of 43-foot gauge. Truck centers are 36 feet apart. Six motors provide 303 horsepower

Both the larger and smaller hammer-heads are provided with dual controls. Two operators' cabs are to be used, one on each side of the supporting legs or towers of each crane. All hammerheads will be capable of raising empty concrete buckets at 600 feet per minute and of lowering capacity loads at 300 feet per minute. The maximum distance buckets will be lowered from the trestle deck is 245 feet on the vertical. Crane hoists weigh 14 tons each; the drum is 60 inches long and 42 inches in diameter.

The seven double-cantilever cranes were designed by Colby Steel & Engineer-ing company. Bethlehem Steel company furnishes the steel and crects the cranes.

CLYDE-WILEYS

The Clydes weigh 162 tons each. This weight includes the gantry, with a 43-foot span, a 23-foot clearance, and a truss six feet deep to support the whirley cab and boom. The 110-foot boom permits concrete placement or other work at a distance of 115 feet out from the center of the cab in any direction; it operates from 15 degrees below horizontal to 75 degrees above. The boom is of silicon steel, stronger than ordinary steel. It is of the box type, with heavy corner angles and diagonal bracing on all sides and transverse bracing on diaphragms.

Each crane is powered by three electric motors totaling 290 horsepower. It has a lifting capacity of more than litons at flat boom, of more than 40 tons

GYM DANCES BEGIN

The first of a series of dances by a newly-organized club in Mason City will be held Labor day, Monday, Sept. 5 in the new gymnasium. Music will be supplied by an 8-piece Spokane orchestra.

THE SERIES IS IN RESPONSE TO AN EX-PRESSED NEED BY EMPLOYEES OF C.B.I., THE BUREAU OF RECLAMATION AND OTHER RESPON-SIBLE CITIZENS IN THE SEVERAL COMMUNI -TIES TO WHOM MEMBERSHIP IS OPEN.

Plans call for future specialty and novelty entertainment, and also tangible benefits to needy causes.

Dances are to be conducted with standards of decent conduct in mind. Membership is obtainable with that understandaring as the principal qualification. The number of cards issued will be determined by the gymnasium capacity.

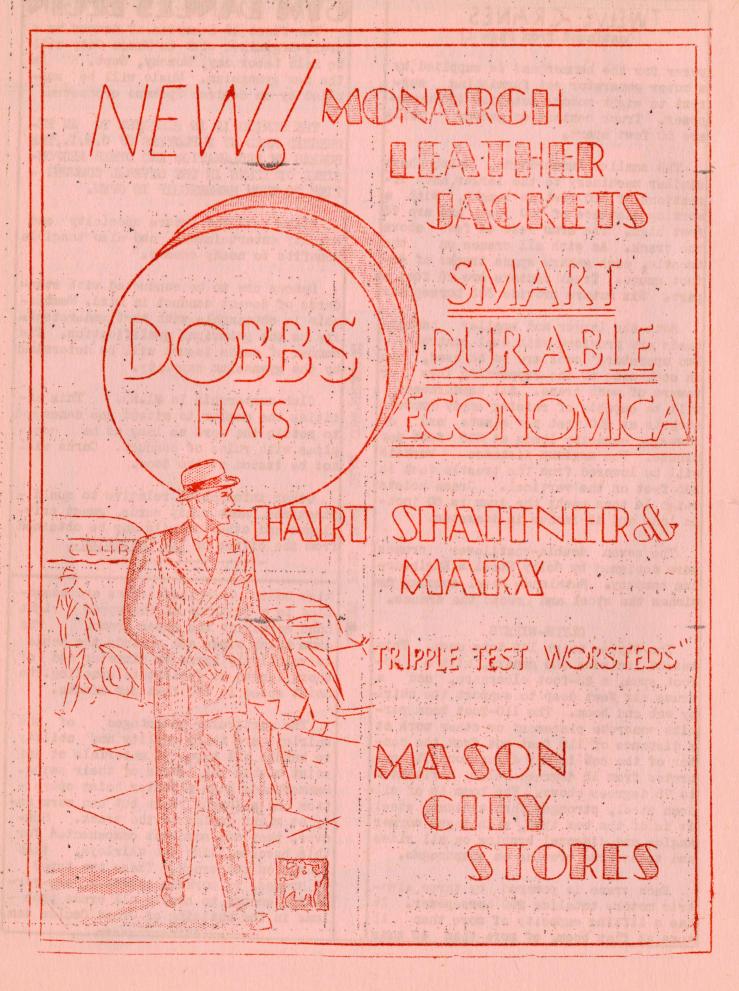
Club membership is \$1.25. This en-

Club membership is \$1.25. This entitles the member to attend one dance and to retain the card as long as he complies with rules of conduct. Cards will not be issued at the door.

Other information relative to quali - fications, membership cards, guest privileges and other details may be obtained from the office of The Columbian.

high boom. Operating levers are assembled in a quadrant at the upper right hand corner of the upper frame. The drum which winds and unwinds the cable is relatively large in diameter and of short length to facilitate spooling. The hoist speed is 170 feet per minute.

The particular advantages of the whirleys are their agility and ability to handle all types of materials at any point within the limits of their swing. Hammerheads have a faster hoist operation and a longer reach but can work only at right angles to the track. However, they are somewhat compensated for this because, like the whirleys, they travel on the track. These two types of cranes, by working together, are versatile enough to handle all crane problems in the building of Grand Coulee dam.



ACCIDENT TOLL CAN

Thousands of people are killed and millions are injured annually throughout the world in the earning of livelihoods.

Within recent years industry turned to making the supervisors of work groups responsible for the safety of their men in an effort to change the direction of the accident toll.

Authority is vested in a foreman to give orders for work to be done. This also gives him the right to make sure that the work is carried on in a safemanner. If work results in serious injury, the man in charge must bear responsibility because he has the authority to insist that every precaution be taken to prevent injury.

It is not necessarily true, as some foremen believe, that workmen know as much about the work as they themselves do. The foreman probably showed added ability and knowledge or he wouldn't have gotten his present position.

His chief problems are to maintain progress—and to keep his employees safe. If he is a good foreman he has balanced temperament and a sincere interest in the safety of his workmen. Too many strive to get the most work done, regardless of anything else. Foremen should remember that many men, however experienced they are, will always need guidance.

DANGEROUS MEN AND DAN CEROUS SHORT-CUTS CANNOT
BE TOLERATED-THEY CAUSE
ACCIDENTS WHICH RESULT IN
INJURIES TO EMPLOYEES.

MAKE EVERY DAY A SAFE DAY:

a son.

SCHOOL BELLS RING SEPTEMBER &

Three months of vacation are scheduled to end Tues - day, Sept. 6, with the opening of Couleé Dam public schools under the superintendency of Joseph W. Stans - field of Issaquah.

The faculty will include Miss Marie Lenhart, Dryden, Wash. (first grade); Miss Chloe Dungan (second grade, head teacher of primary building*; Miss Josie Beyers - derf (third); Miss Leona Johnson (fourth); Miss Cladys Hughes (fifth); Lester Inch (sixth and seventh; replaces Raymond Forrey, resigned); and A. H. Irwin (eighth), grade school principal).

. High school: Miss Mabel Youngberg. Miss Angelyn Howells, David Mahrt and Mr. Stansfield. G.G.Nelson of Freewater, Ore. will be athleto ic director for both the schools and the community. BORN at Mason City hospital Aug. 23, to Mr. and Mrs. Cecil Stinon, Grand Coulee, a son. Aug. 20, to Mr. and Mrs. G. H. Tampien, Coulee City, daughter. Aug. 18, to Mr. and Mrs. J. C. Dickinson, Grand Coulce a daughter Aug. 17, to Mr. and Mrs. D. E. Valade, Grand Coulee, a son. Aug. 14 to Mr. and Mrs. R. W. Rodgers, Grand Coulce, daughter. Aug. 15. to Mr. and Mrs. D. Grogran, Grand Coulee, a son. Aug. 13. to Mr. and Mrs. G. R. Bray Delano, a son Aug. 13, to Mr. and Mrs. Henry Pactel. Grand Coulee, a daughter CRIDI 6 Aug. 13, to Mr. and Mrs. Otis M. McCoon always liked R. E. Barclay, Electric the western hemisphere, and City, a daughter. so you'll find him as west Aug. 9. to Mr. and Mrs. side carpenter superintend-R.D.Lee Electric City.

AREA'S "YUKON" GETS ATTENTION

What is considered an important step in the future development of the area affected by Grand Coulee dam are arrangements completed between the bureau of mines and the State College of Washington in the experimental production of magnesium upriver at Chewelah.

According to information received from the Spokane News Bureau, experiments will be conducted in a five-ton plant under the direction of A. E. Drucker, dean of the school of mines. W.S.C.

Magnesium is considered the Yukon word for the Columbia Basin group of metals. It weighs one-fourth as much as steel, but is 13 times as strong and 19 times as resistant to bending, weight for weight, mineralogists explain. Extensive diposits are found in nearby counties.

The annual production of 500,000 tons of magnesium would utilize the entire firm power of the dam, Mr. Drucker has explained.

LOCAL EXAMS ANNOUNCED

Existing and future vacancies for inspector and assistant inspector with the Bureau of Reclamation at Coulee Dam | will filled from announced civil service examinations. Applicationsmust be on file with the secretary, Civil Service Examiners, Bureau of Reclamation, Coulee Dam, not later than Aug. 31.Competitors will not be quired to report for examination at any place, but will be rated on experience and fitness.

-MASON CITY POST OFFICE

IF YOU ENCOUNTER NO DIF-FICULTIES, THE OFFICE BOY WILL TAKE YOUR PLACE.

THREE DAYS.

Voters who will be responsible for the election or non-election of office holders have but three days in which to register for the primary elections of Sept.13. Registration closes Saturday at 8 P.M. Prospective voters, regardless of their political interests, should make it a point to register or check their registration immediately rather than chance becoming ineligible to vote.

Civic-minded people of the area who have attained the age of 21 have five places of registration::(1) Mason City (registration at fire station); (2) Elmerton; (3) Coulee Dam; (4) Grand Coulee (registration at city hall); and (5) Osborne, which includes Delano and Electric City

FINISH GANTRY CUT

Trimming has been completed within the past week of the steep cut beyond western limits of the dam. The recess, 85 feet into rock the top and 50 at the bottom, will house the big gantry crane to traverse the top of the dam. Last rock work has been on a trench through the middle of the cut. The trench will be concreted as a 5x-5-foot tunnel and will contain an electric line for crane operation.

Before the entire length of the west side trench itself is completed the highway will have to be moved slightly westward.

A gantry cut on the east side for the same crane has in the neighborhood of 2000 yards of excavation remaining.

Gently he pushed hor quivering shoulders back a-gainst the chair. She raised beseeching eyes in which faint hope and fear were struggling. From her parted lips the breath came in short, wrenching gasps. Reassuringly, he smiled at her.

Bzzzzzz, went the den - tist's drill.

IF YOU WANT TO LIVE TO BE 80, DON'T LOOK FOR IT ON A SPEEDOMETER.

If you intend to vote in the primaries, you should check on the following:: If (a) you registered and (b) voted two years ago and (c) the community you reside in remains the same as then, you are under terms of the permanent registration law and are eligible to vote without further registration. If your case does not agree with every one of the three particulars you must re-register. If in doubt, consult your registrar.

To be eligible to vote you must have been a resident of the state for one year, of the county for 90 days and of the precinct for 30 days.

THIS HAPPENED TOO OFTEN ON THE JOB HERE--

VICTIMS OF NAIL WOUNDS, WHO SHOULD KNOW THE HAZ - ARDS OF NAILS MORE PERSON-ALLY THAN ANYONE ELSE, DID NOT BEND THE NAILS THEY THEMSELVES STEPPED ON.

THEY'VE LEFT THEM FOR SOMEONE ELSE TO STLP ON.

IS THIS THE WAY TO ELIM-INATE ACCIDENTS?

Western Union went into operation last Saturday in its new location at the west end of Mason City stores.

For the past month 36,000 dixie cups of ice cream were served by the mess hall

DROP APRONS AND GATHER

Pulchritude will put down the dish cloth and take up the bat next Tuesday at 8:30 as the Mason City "Susies" swing at a softball against the U.S.B.R. Engineerettes. in the first acknowledged game between the two teams . This may herald the beginning of regular games several girls' teams of the area. First practice tween teams was held last night.

Femininity will have its innings Tuesday following a battle in the men's league between Grand Coulee and Con-Crete Crews, scheduled for 7 o'clock to accommodate the

two teams.

Two teams are being organized in Mason City:: Susies, composed largely of dormitory and high school girls, and the "Mammas", most of which are married women of the several communities. The Engineerettes the Bureau are well known because of their basketball proclivities.

Among girls signifying interest in playing are:: MAMMAS--Donna Olson, Eva Roark, Rita Cummings, Hilhred Geyer, Wanda Raudenbush, Irene Evans, Evelyn Shelton and Edna Price, manager:

SUSIES--Frances Matthews, Ella New, Nellie Burns, Alice Peacock, Betty Belding, Sylvia DeLae, Stella Gar rett, Charlotte Jordon, Norma Holloman, Kithleen Wilder, Lillian Whalen, Beryl Roberts, Doris Cochrane, Pauline

Sears and Frances Feldhahn, manager.

ENGINEERETTES--Helen Brunstad, Marty Cliffe, Corinne Yetter, Jean Gillam, Teddy Swanson, Anne Dysart, Dorothy Dickson, Kay Wollenberg, Josephine Brim, 'Virginia Neilands, Barbara Nieman and Eleanor Robinson, manager.

NOTES

Tennis team loses Sunday battles on local courts with Wenatchee 4 to 3--

Club probably will be represented Labor day in Wenatchee and Yakima valley tournaments-

In softball league three top teams for first half began second half of league on top--

Schildnecht went berserk for Transportation by smashing out three homers and a double in four times up to bring in nine of the 16 runs. while Manzer whiffed 10 Beavers, allowed three hits and two_rune.

Grand Coulee led the Carp penters-Riggers 3 to 0 at beginning of fourth but weak ened and lost 6 to 12.

Office-Engineers opened the second half with a 14 to 1 victory over cConcrete.

Lights will be installed on the USBR field next week.

Sunday

CATHOLIC CHURCH--Father A.Farrelly, pastor 8:00 a.m. Mass; Mason City 10:00 a.m. Mass. Grand Coulee

COMMUNITY CHURCH

9:45 a.m. Sunday School

11:00 a.m. Service conducted by missionary from Orient.

7:30 p.m. Vespers

CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS (in new gym) -- R.E. Nuttall. Branch President

10:30 a.m. Opening exercises 11:15 a.m. Departmental works...

OSBORNE GOSPEL TABERNACLE Services at 10 and 11 a.m. and 7:45 p.m.

OUR HEADS. USED PROPERLY. WILL SAVE OUR HANDS AND FEET FROM INJURY.

SOF BALL SCHEDULE

(All single games start at 8:30; double headers at 6:30 UNLESS STATED OTHERWISE.) (Aug. 29-- Sopt. 2)

Monday --- Carp. - Riggers VS. Mason City vs. Office-Engineers

Tuesday -- Concrete VS. Beavers (Engineerettes vs. Susies 8:30)

Wednesday-Transportation vs.

Mason City vs. Carpenters-Riggers Thursday-Beavers VS. Grand Coulee

Friday----Concrete VS. U.S.B.R.

Transportation vs. Office-Eng. (Sept. 6-9--NO GAME MONDAY)

Tuesday-U.S.B.R. VS. Beavers Wednesday-Office-Engin. vs. Grand Coulee

VS. Trans. Carp.-Riggers Thursday--U.S.B.R. VS. Mason City

Friday----Beavers Concrete VS. Office-Eng. vs. Carp.-Riggers

SAFETY IS LIKE A WHEEL BARROW--IT STANDS STILL UNLESS YOU PUSH IT.



- (I) USE PROTECTIVE CREAN BEFORE GO-ING ON SHIFT.
- (2) BATHE DAILY
- (3) KEEP BOOTS CLEAN
- (4) CHANGE CLOTHING
 OFTEN-DO NOT ALLOW GARMENTS TO
 GET STIFF.

(5) COVER SKIN AS MUCH AS POSSIBLE WEAR LONG UNDER GARMENTS.

6) PREVENT ANY CHAFING OF SKIN BY CLOTHING OR BOOTS.

7) TREAT ALL CON-CRETE BURNS AT THE HOSPITAL

CONCRETE BURNS ARE NOT TRIVIAL

WHEN YOU THINK
YOU HAVE A BURN
IT'S TIME FOR
TREATMENT.

THESE ARE IMPORTANT!

RENSTOCK STEEL READY FOR DAM

The first of the up stream sections of the 18foot diameter penstocks
will be sent down to the
dam the first of next week
Western Pipe & Steel re ported. Western Pipe fab ricates the steel sections
at Electric City.

The first section for all the 18 big penstocks will be at the damsite within the following two months.

Red Cross life saving classes at the swimming pool in Coulee Dam ended this week with eight completing the examination under the direction of Mrs Noreen McGowan.

Junior life savers were David Clevenger, Clifford Moser, Roger Rothlesburger; seniors, Mrs. Marie May - nard, Robert Boggess, Paul Thomas and James Stover.

This completes work of the examiners, said E. C. Stiles, chairman of the local first aid and life saving committee.

Twenty have qualified as life savers in this area with cards up to date.

LESSON FROM THE JOB
An accident occurred
recently in connection
with a safety belt---

Workmen, do not cut the tip from the belt to make it as short as possible. THE BELT MAY BE TOO SHORT AND YOU MAY NOT KNOW IT UNTIL TOO LATE.

Have the end of the belt extend through the loops WITH SOME - TO - SPARE. This might have have averted accidents.

- IMPORTANT NOTICE

Beginning this morning (Thursday) and continuing thereafter, workmen will obtain tools and safety equipment from the main tool room on the 1180 elevation. This equipment includes such materials as small tools, boots, slickers, hard hats, safety belts and other items.

These will not be obtainable at the warehouse and the safety department in the shop area as before.

The new main tool room is located at the end of the

CONGRESSMEN VISIT DAM

U. S. Senator Homer T. Bone and Congressman C. T. Leavy addressed 100 who dined at the mess hall Tuesday noon.

Company and U.S.B.R. oficials, A.F. of L. representatives and others at ttended.

TRESTLE THREE-FOURTHS DONE

With only 650 feet of space separating ends of the trestle, the work of trestle erection by Beth - lehem Steel is three-fourths complete Progress is based upon tonnage figures rather than length.

Bethlehem is substantially ahead of a program which calls for trestle completion by Oct. 3.

The Mason City landscaping and beautification program has been extended to include the planting of shrubbery and flowers at the mess hall and laundry. The laundry will also have a lawn.

COLUMBIAN

Published Semi-Monthly
in the Interests of Safety
by Consolidated Builders, Inc.

Todd Woodell Managing Editor Ray Tribble Editor Hal Babbitt Artist

F.W. Johnson. Safety Engineer

Henry J. Kaiser, president of CBI, arrived at the damsite Tuesday night.

The second of eight closure gates went into place at the upstream end of 58 block Tuesday. Work on No. 3 is under way at the west end of the dam.

CBI's new safety car went into operation for the first time yesterday. It carries first aid and safety supplies.

Introduction of a new concrete schedule saw 2500 yards of concrete placed on Monday.

Todd Woodell, insurance superintendent, will be married in Portland Aug. 31 to Miss Jean Frank. The couple will make their home in the new dwelling on Roosevelt avenue.

Friends gave a shower last Saturday at the home of E.F.Kaiser for the bride-groom-to-be.

Reconstruction of the gravel plant is nearly com-

The tank placed on top the mixing plant this week is the de-aerator. It al lows cement to settle from the incoming pipe line and the air to escape.

MASON CI THEATRE OPGIRL AND A MILLIONAIRE