

Hearings On Freeway Route Set

Public hearings on several possible locations for an east-west freeway through the City of Long Beach will begin Thursday, Feb. 4, at 9:30 a.m. The hearings are scheduled for the Long Beach Municipal Auditorium, 270 Seaside Blvd.

Under discussion at the hearings will be possible routes for the proposed Route 1 of Pacific Coast Freeway. The project extends from Vermont Avenue on the west to the Los Cerritos Channel in Long Beach on the east.

Study lines for the 11.6-mile route are located south of and generally parallel to Pacific Coast Highway. A part section of the Garden Grove Freeway, planned in conjunction with the Pacific Coast route, is included in the study.

Purpose of the hearings is to permit residents, civic groups, and local governments to express their views on the location of the freeway. All statements made at the hearing, together with written statements filed within 30 days, will become a part of the public record on the route.

Aerial maps of the study lines will be on display at the Wilmington branch of Crocker-Citizens National Bank, Long Beach city hall, and the Mark Twain and Brewitt branches of the Long Beach Public Library.

Sheriff's Wife Heads Arthritis Campaign Here

Mrs. Peter J. Pitchess, wife of the Los Angeles County sheriff, has been named 1965 march chairman for the Southern California door-to-door campaign of The Arthritis Foundation.

Meeting with area march chairmen, Mrs. Pitchess said volunteer workers are now being recruited for the neighborhood canvass. Some 30,000 workers are expected to participate in the canvass, to be held Feb. 1 to 7.

Harbor Hospital Team Now Working on Lung Research

Animal lungs someday may be used in the treatment of acute respiratory distress—such as that which attacks newborn infants—if research now underway in Torrance works out as expected.

According to Dr. Leslie A. Chambers, president of the TB & Health Association, local Christmas Seal contributions are helping to support this research, which also may uncover new treatment for breathing distress caused by asthma, emphysema and acute pneumonia.

The animal lung would be used as a "third lung," to tide a patient over periods of breathing difficulty, in much the same way as an artificial kidney is used during periods of renal shutdown.

BUT NO SURGERY would be involved. A research team headed by Dr. William E. Bloomer, chief of thoracic and cardiovascular surgery at Harbor General Hospital, is developing a procedure for connecting the donor lung to external veins and arteries.

In newborn infants the umbilical cord might be used; in older subjects, the large arteries and veins in the leg.

Once connected, the "third lung" works along with the subject's own lungs, with the aid of a mechanical pump.

DR. BLOOMER believes using an animal lung will have these advantages over a heart lung machine (such as is used in open-heart surgery) for relief of respiratory distress:

- It lessens the chances of embolisms (or air bubbles) in the lungs.
- It rules out changes in the blood protein that might result from prolonged or repeated use of a mechanical lung.
- It could provide more efficient exchange of oxygen and carbon dioxide.

Still unanswered remain questions of how long and how often the animal lung may be used, possible chemical changes in the blood, and maintaining an adequate flow

of blood for the patient's well-being.

ALTHOUGH using an internal organ externally seems startling, the basic idea is not new, according to Dr. Bloomer. He reports animal lungs were used successfully in open-heart surgery more than a decade ago, but abandoned as the heart-lung machine was improved.

Now, he believes, the technique will be most valuable as a method of treatment.

"It is reported that more than half of the premature infant deaths that occur during the first three days of life are caused by respiratory distress," Dr. Chambers said. "We feel privileged to help support an exciting investigation which may help to reduce this figure."

"It is not too late for everyone in Los Angeles County to support the annual Christmas Seal campaign which makes such medical research possible," Dr. Chambers added.

Schools Get New Records From Firm

General Telephone Co. has presented copies of a new record, "Walk with Safety" to each school in the company's operating area.

The record, which may be used in elementary classrooms and at assemblies, was presented to the schools as part of the utility's support of the National Safety Council.

"We hope that 'Walk with Safety' will help to reduce accidents involving students," Jean Howell, teaching aids coordinator for the company, said.

Additional copies for elementary schools in the General Telephone service areas may be obtained without charge by writing to Mrs. Howell at 2020 Santa Monica Blvd., Santa Monica.

Sales Record Reported By Harvey Aluminum

Sales of \$79.5 million have been reported by Harvey Aluminum, Inc., for the fiscal year which ended Sept. 30, 1964. The figures show an increase of nearly 5 per cent over the same period a year ago.

Earnings for the 1964 fiscal year totaled \$5,044,519, substantially the same as the net income of \$5,199,648 reported in 1963.

Dividends amounting to \$2,100,000 on the "A" common stock have been paid by the firm. The dividend amounts to \$1.20 per share on the 1,750,000 shares outstanding.

"IN FISCAL 1964, the company's activities, both home and abroad, were directed toward a program of expansion to become a more fully integrated producer of primary aluminum," Lawrence A. Harvey, president said. "Investments in 1964 in fixed capital expenditures towards this expansion and modernization came to \$20,058,141, and 1965 capital expenditures will be substantially greater," he added.

The Harvey reduction plant at The Dalles, Ore., produced 87,000 tons of primary aluminum during the fiscal year. The plant is rated at a capacity of 75,000 tons per year, according to Harvey.

THE COMMERCIAL alloy aluminum rolling mill recently installed at the Torrance facility has been completed and is now in full-scale production of sheet, strip, and foil aluminum.

A new plant is under construction in the Virgin Islands and the construction at Lewisport, Ky., is proceeding on schedule.

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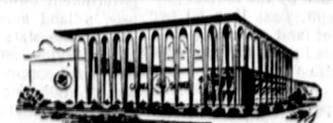
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