

City Linked to Gigantic AQUEDUCT System

Membership in Metropolitan Water Dist., Assures an Ample Supply for Residents, Industries

WITH the giant Metropolitan aqueduct from the Colorado River now more than 85 percent completed, the homes and industries of Torrance will soon be reaping the benefit of an abundant and everlasting water supply from this source, it is pointed out by Charles T. Rippy, this city's representative on the Board of Directors of the Metropolitan Water District of Southern California.

Torrance is one of the 13 cities which comprise the Metropolitan Water District, and as such will have a permanent right to its share of the water that is to be delivered to each of the District cities through the largest domestic water supply system in the world. Only cities which are in the Metropolitan Water District will be able to share in the use of the aqueduct water. For this reason, it is pointed out, this city enjoys the tremendous advantage of being able to assure homeowners, business and industry, large and small, an ample, dependable, and permanent water supply at reasonable rates.

Recognized as one of the greatest construction jobs in the history of engineering, the Metropolitan aqueduct will deliver water from the Colorado River all the way across the state of California through a water supply system that will have an initial length of 392 miles, and a capacity of one billion gallons a day.

In Operation in 1939

The aqueduct will have its intake on the river behind Parker Dam and from this point will extend westward across a vast desert and mountain region to the coastal plain of Southern California.

Scheduled to be completed and ready for operation in 1939, the Colorado River aqueduct is being financed by a \$220,000,000 bond issue voted by the cities of the Metropolitan Water District in September, 1931. With the huge job now nearing completion, General Manager F. E. Weymouth of the District has pointed out that it will be constructed

at a cost many millions of dollars less than the original estimate.

Its construction during the past five years has provided gainful employment for more than 35,000 men. Residents of Torrance have secured their share of these employment benefits.

Reservoir Near Torrance

Water will be taken from Parker Lake by the aqueduct's intake pumping plant, the first of five pumping plants on the aqueduct. These pumping plants will be operated by electric power generated in Boulder Dam and transmitted to the pumping plants over a high voltage transmission system 237 miles long.

From its intake behind Parker Dam, the main line of the aqueduct will extend through 242 miles of tunnels, canals, conduits, inverted siphons and pumping plants to its principal terminal storage basin, the Cajalco reservoir, situated ten miles south of Riverside. From this man-made lake, which has an initial capacity of 100,000 acre feet, the aqueduct's distributing system will deliver water to Torrance and the 12 other cities of the District through 150 miles of distributing mains.

On the extreme southern and western end of the aqueduct's distributing system, and in the immediate vicinity of Torrance, will be the Palos Verdes reservoir situated in the Palos Verdes hills. Water stored in this reservoir, within a few miles of Torrance, assures this city an ample and properly regulated flow of water at all times, engineers point out.

FILL MAIL BAGS

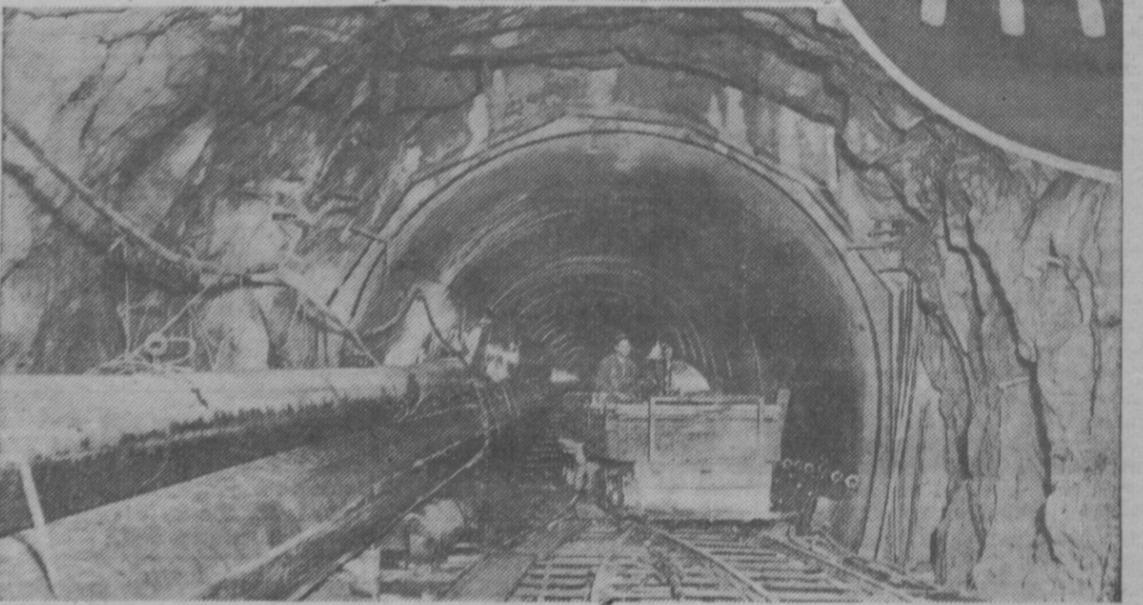
During the last fiscal year the Chamber of Commerce dispatched 7,655 pieces of mail—maps, folders and other literature about this city—in answer to direct inquiries about Torrance.

SEAT ENTIRE CITY

The new high school assembly hall will seat 700. That was the population of Torrance just 20 years ago.

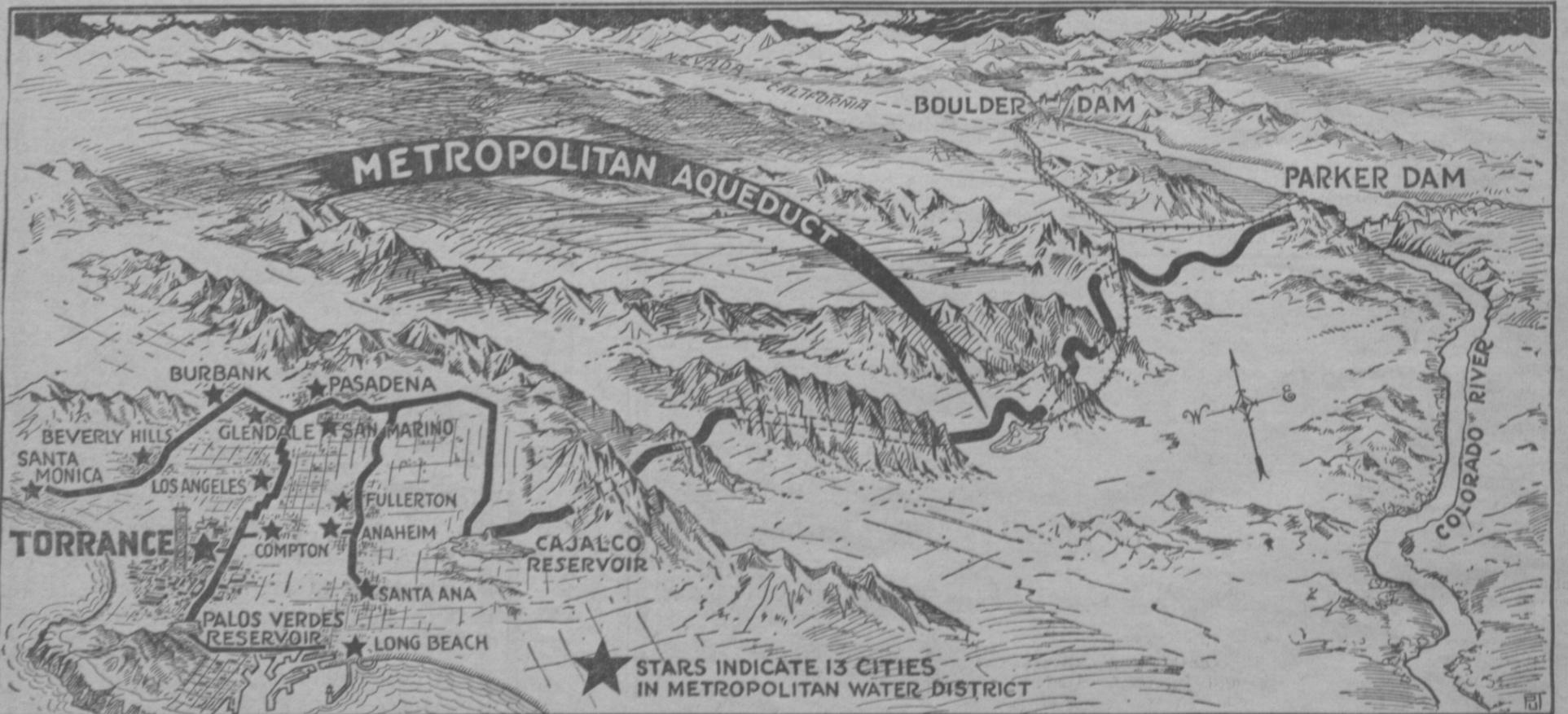


DIRECTOR . . . Charles T. Rippy is Torrance's representative on MWD governing board.



COMPLETING JOB . . . The upper photo shows workmen lowering into place one of the 12-foot diameter, 42-ton concrete pipe sections used in construction of a portion of the Metropolitan aqueduct's distributing system. (Lower) Section of

the 13-mile-long San Jacinto tunnel showing, in foreground, a portion of unlined and, in background, a portion of concrete lined bore. Less than 3,900 feet of this tunnel remains to be excavated. This job has been a constant battle against water and rock.



COLORADO TO CALIFORNIA . . . Here is an artist's map of the giant 392-mile Metropolitan aqueduct that is expected to start delivering a billion gallons of water a day next year to Torrance and 12 other cities that comprise the Metropolitan Water District of Southern

California. Location of the Palos Verdes reservoir that will store and regulate aqueduct water served to this city and nearby District municipalities is shown in the lower left portion of the map, which was especially drawn for this souvenir edition of The Torrance Herald.