

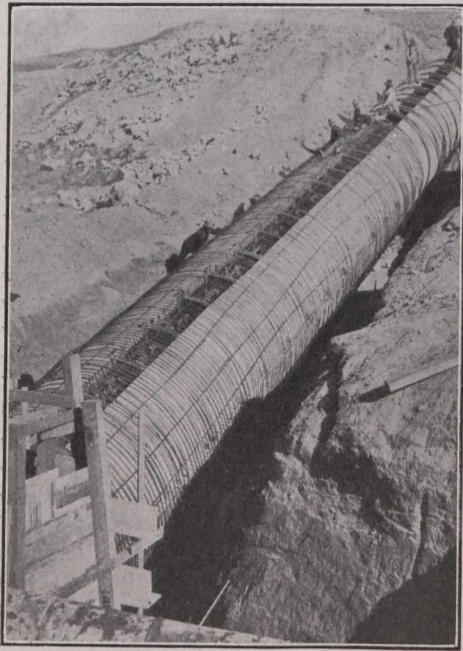
the city, the cost delivered at the Los Angeles city limits will not exceed \$60 per horse-power. This is much less than the cost at which hydraulic power is at present developed on the Pacific Coast.

The plans call ultimately for the operation of seven power houses, two of which, Division Creek and Cottonwood, are now in service as construction plants.

These plants are as follows:—

Name.	Maximum net head.	Kilowatts	
		at switch-board max. flow	Length of transmission line to Los Angeles.
Division Creek	1,216	600	225
Cottonwood, No. 1	1,218	1,500	185
Cottonwood, No. 2	2,065	2,500	190
Haiwee	182	4,590	162
San Francisquito, No. 1...	905	51,750	47
San Francisquito, No. 2...	512	32,900	40
San Fernando	281	7,225	21
Los Angeles sub-station	90,000		

(11 per cent. transmission loss, including step-up and step-down transforming).



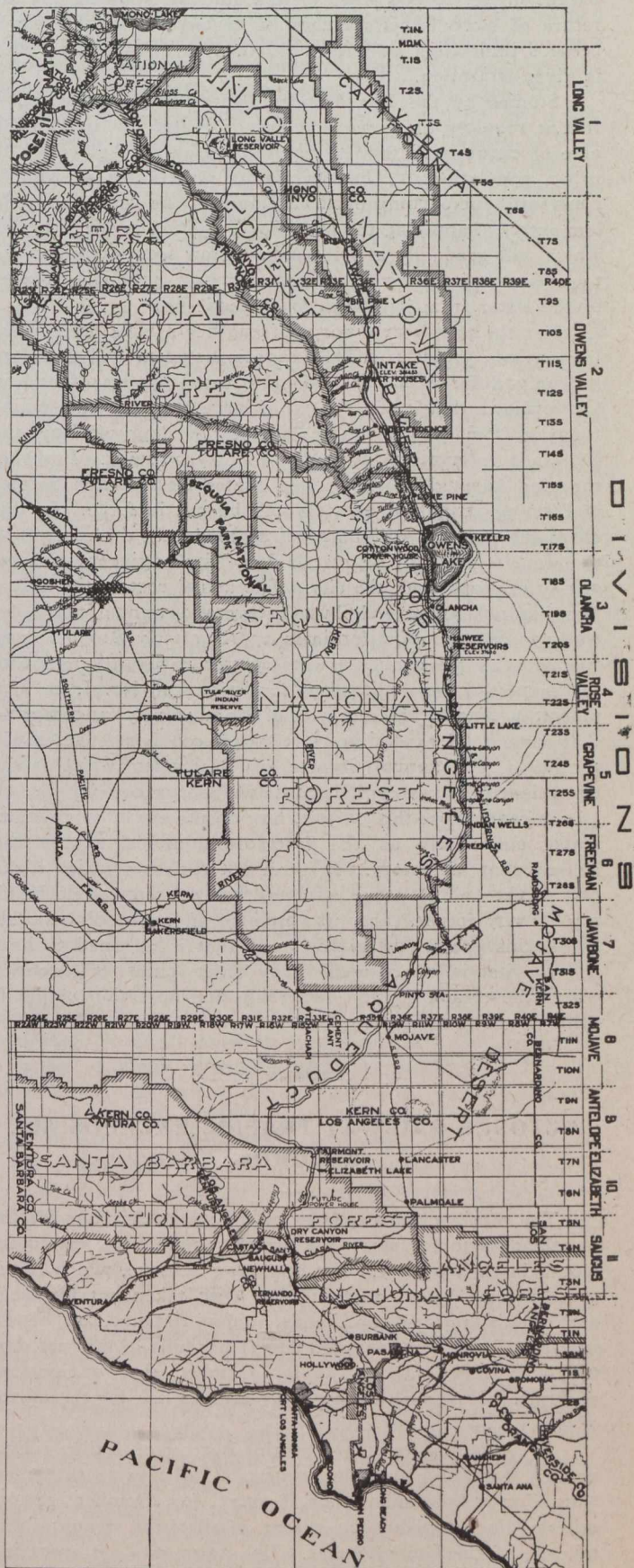
Constructing One of the Concrete Siphons.

Plans for the partial development of power house No. 1 in San Francisquito canon are now ready for the construction department. Contracts have been let to the Union Iron Works and the Westinghouse Company for machinery to cost \$300,000 with delivery to be completed by January 1st, when the buildings will be ready to receive it. This plant will have a capacity of 37,500 horse-power and is scheduled to be complete and ready for operation in April of 1913. Other units of power will be installed as a market for the product develops.

Whether the power will be disposed of to the Los Angeles power companies at a wholesale rate or a \$5,500,000 distribution system built by the municipality remains to be voted upon by the people, whose attitude at the present time is strongly in favor of the latter alternative.

Irrigation, the last subject to be discussed, is second only to power development from a financial standpoint. It must be kept firmly in mind that Los Angeles lies within a

semi-arid region, where land values are directly proportionate to the accessibility of water for irrigation. This is shown by the fact that lands which will be watered by the aqueduct,



Map of the Los Angeles Aqueduct and Adjacent Territory.

as dry land sold from \$20 to \$50 per acre seven years ago and to-day are being sold from \$350 to \$500 per acre.