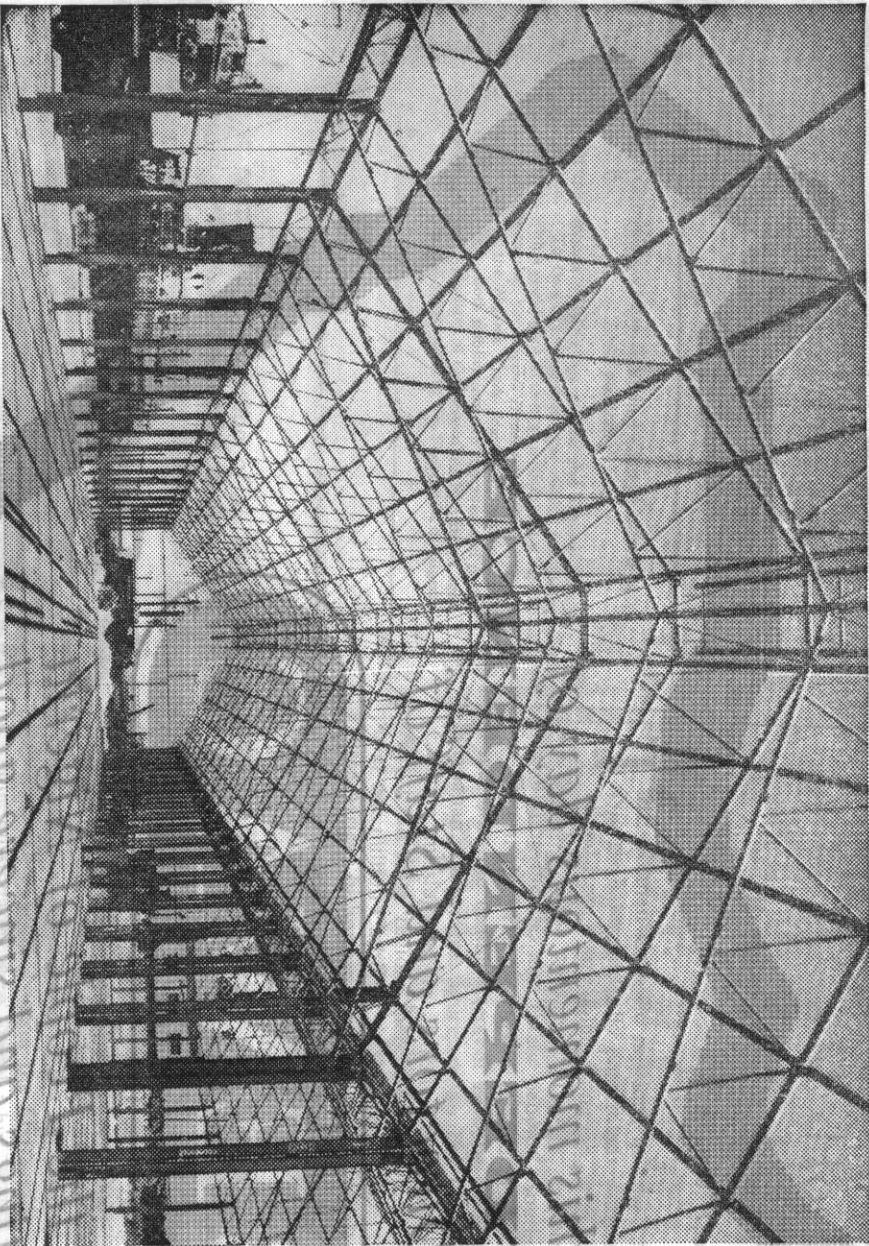


rated in 1911 and such foresight was shown in the quantity and standards of purity produced that it was

Our Congratulations

to the peoples
of Nigeria on their
Independence Celebrations



'Arcon' buildings similar to the above are now welded and fabricated in Nigeria — by Nigerian welders and craftsmen — and the same high standards are being maintained. The unique 'Arcon' reputation for strength, quality, simplicity and speed of erection, plus after sales service is therefore assured.

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stopped further development works, and it was not until after 1945 that extensive construction works were begun again, started by a 10-year development plan providing for the construction of roads, water supplies, electricity and many buildings.

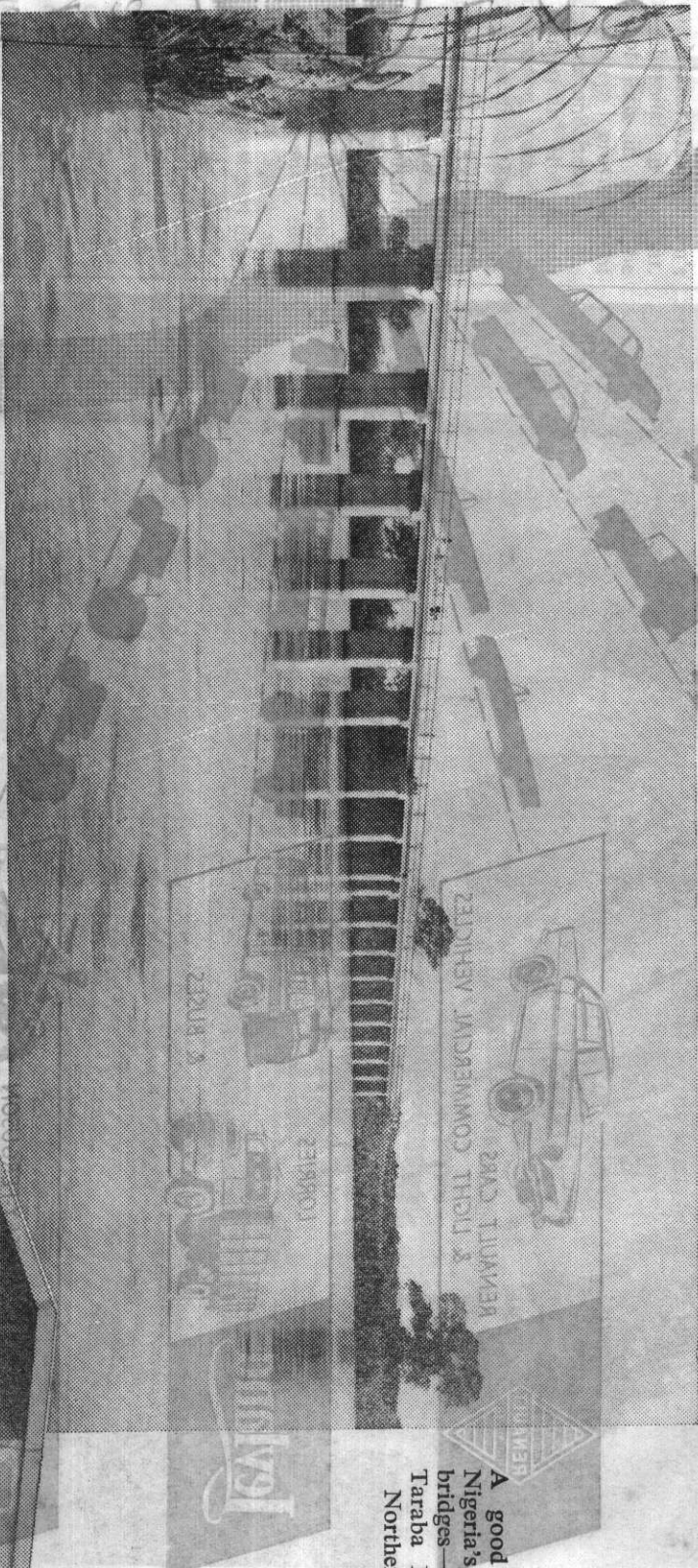
BRIDGE BUILDING

The current pattern of the Federal trunk roads and regional road systems was evolved from the skeleton trunk road system adopted in 1927, and higher standards of construction based on soil mechanics techniques were introduced. The Federal Government's 1955-1962 Economic Programme that followed included road development works to the value of £25m. on the 6,000 miles of Federal trunk roads, covering reconstruction and improvements, bituminous surfacing, and the building of bridges to loading standards more appropriate to the volume and weight of traffic now using the roads. Road bases are now designed on the technical evaluation and use of naturally occurring soils in relation to traffic intensities.

At the same time a bold programme of building was undertaken by the

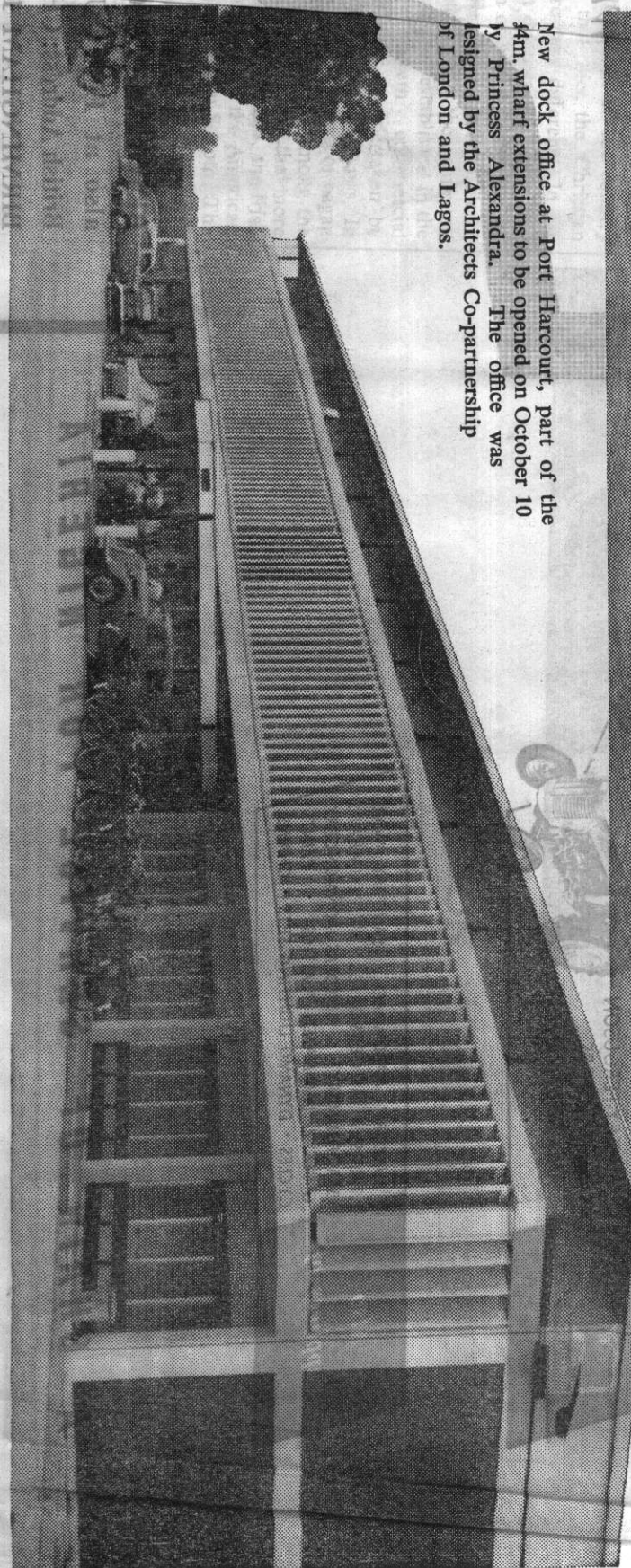
stressed concrete design were recently opened in Lagos, which help to ease the traffic problems of that city. The Ido Overbridge, with 90ft. beams, is illustrated in the foreground of the Ijora Power Station photograph. Sky-scrapers are beginning to appear in the principal cities, and the Federal Government itself is undertaking the construction of a 25-storey reinforced concrete framed building in Lagos.

For the immediate future, the main civil engineering projects of great interest to Nigeria are the £5m. bridge over the River Niger at Onitsha, which should be started early next year, the £120m. Niger barrage to harness the waters of the Upper Niger for generating electricity for a rapidly developing Nigeria, and a proposed new bridge between Lagos Island and the mainland to ease the flow of traffic to and from the capital city. There is no lack of scope for civil engineering; the design and construction skill is available and it is hoped that the necessary financial resources will also be forthcoming to enable these worthwhile works to be implemented.



A good example of Nigeria's new concrete bridges — over the Taraba River in the Northern Region.

New dock office at Port Harcourt, part of the 44m. wharf extensions to be opened on October 10 by Princess Alexandra. The office was designed by the Architects Co-partnership of London and Lagos.



Below: Ibadan's water reservoir.

