

土木學會誌

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SYNOPSIS

LOOKING FORWARD TO THE EIGHTEENTH OLYMPIAD (TOKYO)

The present paper describes how the civil engineers are engaged in the civil engineering work relating to the forthcoming Eighteenth Olympiad to be held in Tokyo from the 10th of October to the 24th of October, 1964.

The contents are as follows :

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Countermeasure for city traffic in Tokyo—brief explanation of road, subway and private railways that are under construction.T. Inami, T. Watanabe and S. Watanabe	37

GUIDEPOST FOR FOUNDING OF COUNTRY ON THE BASIS OF CIVIL ENGINEERING

BY K. MURANO (Page 42)

The author who is chiefly in charge of the scientific and technical commentary at NHK (Japan Broadcast Association) expresses, in the present paper, his opinion upon the civil engineering sphere in Japan, together with the related knowledge of his own and a certain commentary.

**OUTLOOK OF STUDY REGARDING SHEARING STRENGTH OF EARTH
BY DR.ENG. K. HOSHINO, C.E. MEMBER (Page 48)**

In the present paper the process of study regarding the shearing strength of earth is analyzed and the latest development of the study is described together with the author's opinion.

**PLANNING OF WORK AND TECHNICALLY PROBLEMATICAL POINTS
OF SHIN SHIMIZU TUNNEL**

BY T. SAITO AND D. NOZAWA, C.E. MEMBER (Page 55)

The construction work of Shin Shimizu tunnel was started on 20th September, 1963 for the purpose of alleviating the traffic on Joetsu Line, an important main line connecting the Pacific side and the Japan Sea side of the main island. The expected term of work and construction expenses are four years and 57 billion yen respectively. The present paper describes the planning of the construction work and the technically problematical points.

**RECOLLECTION OF CONSTRUCTION WORK OF SHIMIZU TUNNEL
BY S. KOBAYASHI, C.E. MEMBER (Page 64)**

The existing Shimizu tunnel was constructed some 40 years ago through an uninhabited district at the Joetsu boundary where there is a tremendous snowfall during winter. In the present paper the author who was engaged in the construction work of this tunnel describes it briefly, covering certain items such as the circumstance at the time of construction work, survey, excavation, lining and ventilation etc.