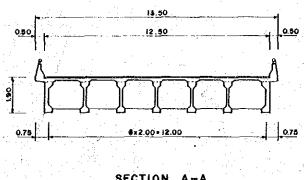
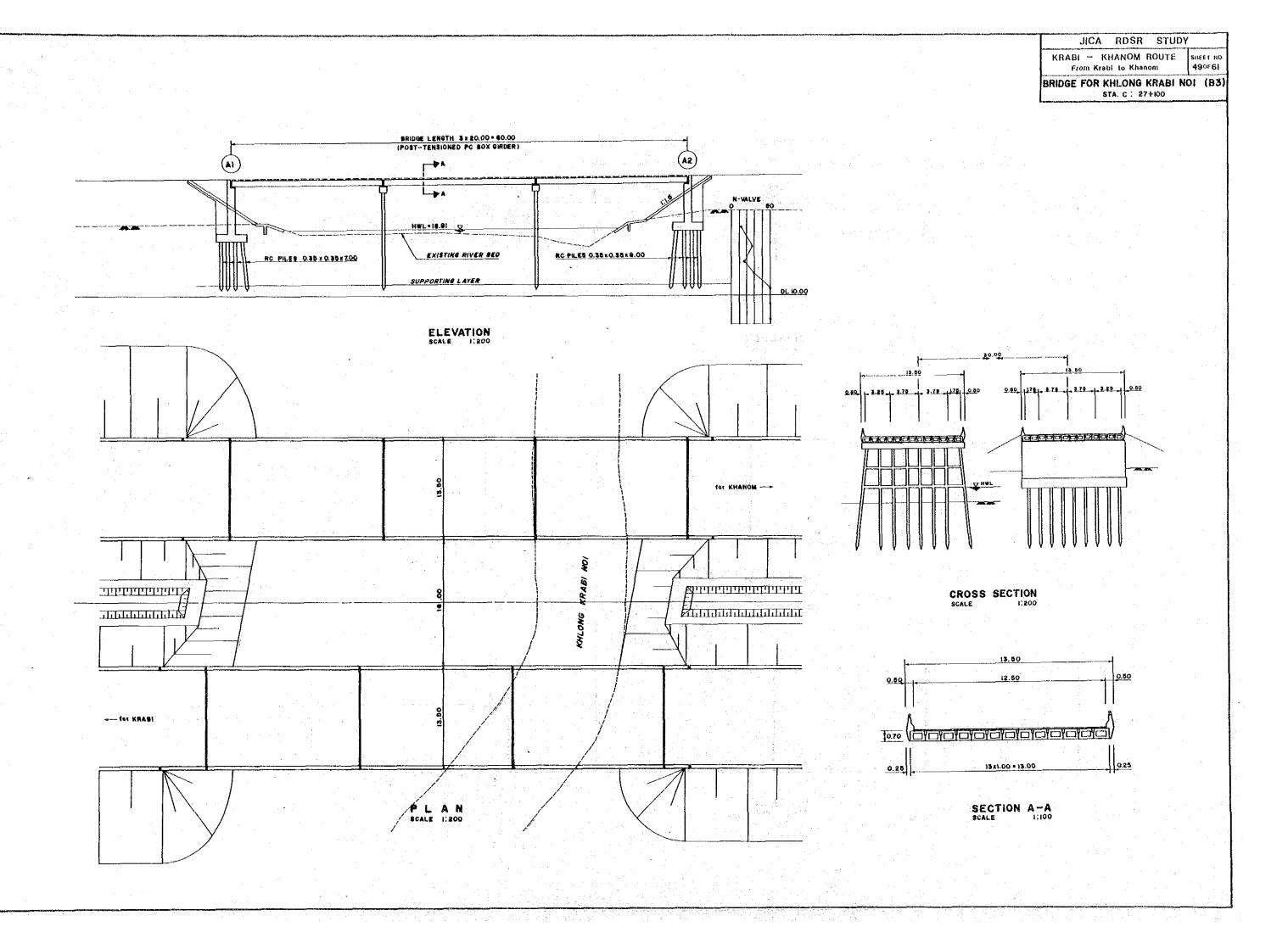
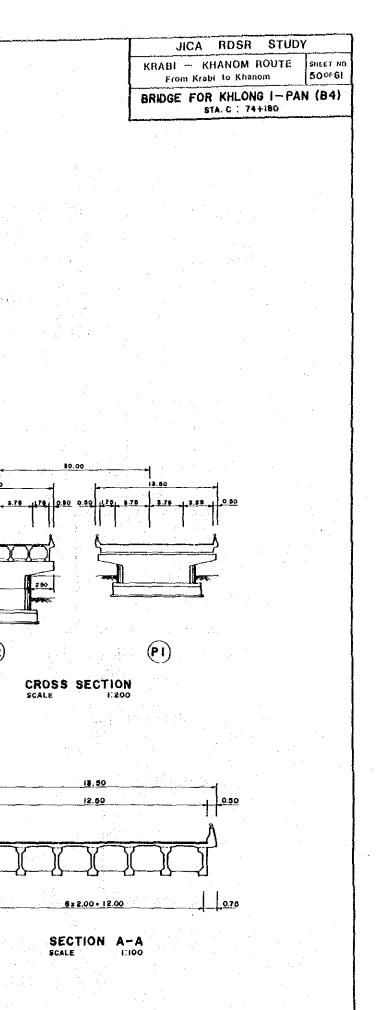


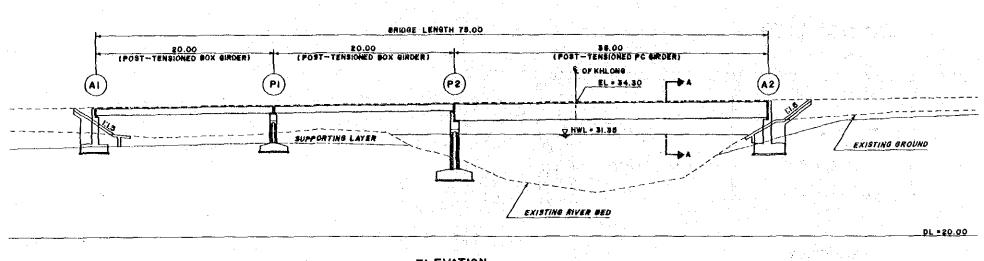
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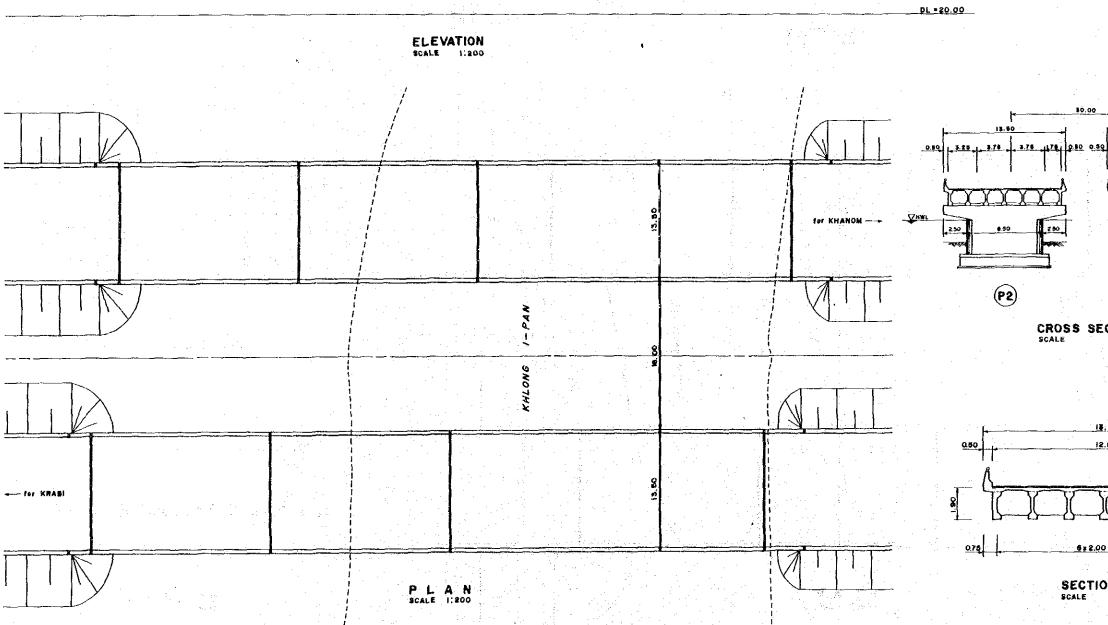


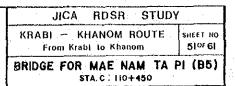
SECTION A-A

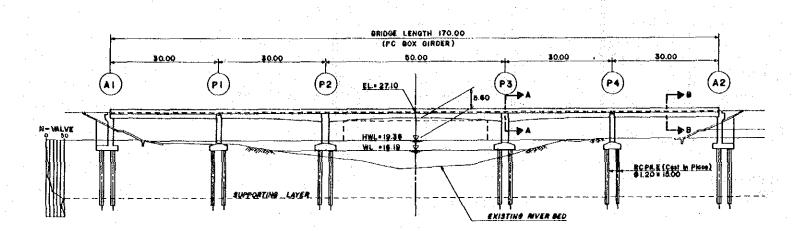




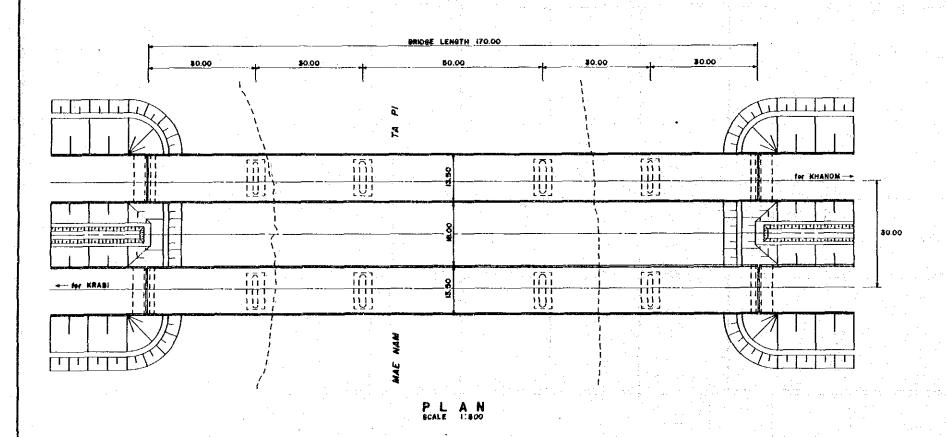


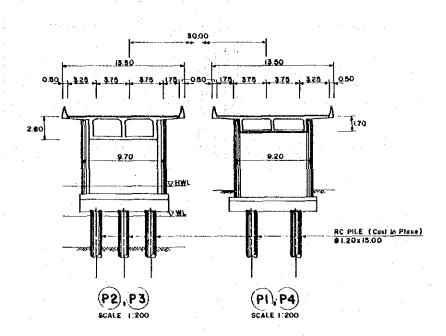


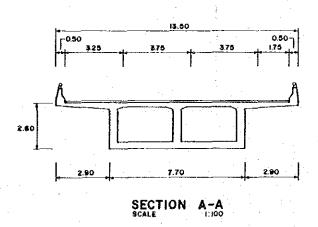


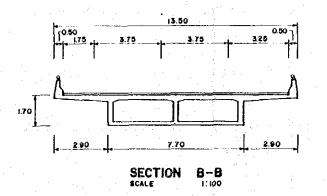


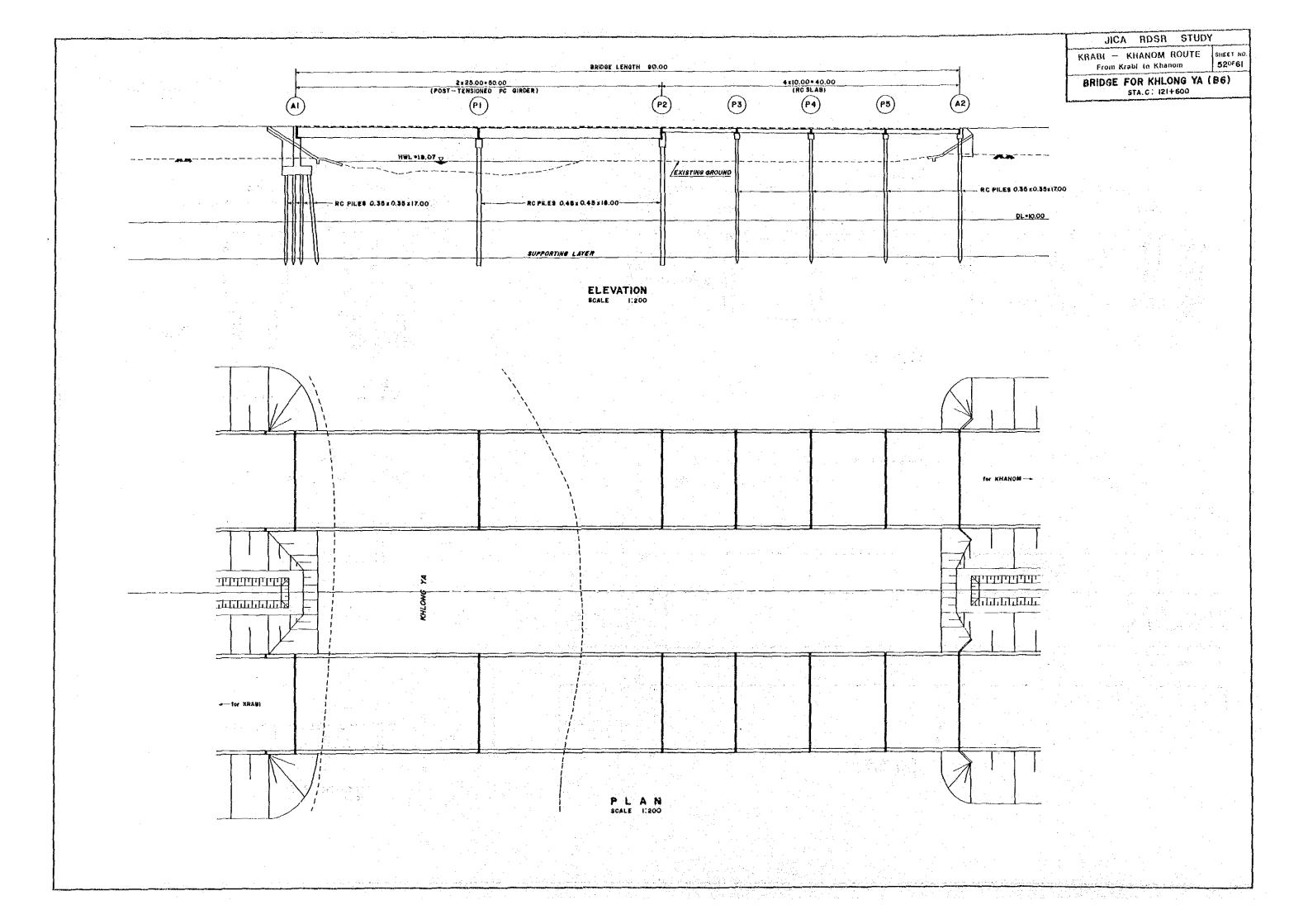
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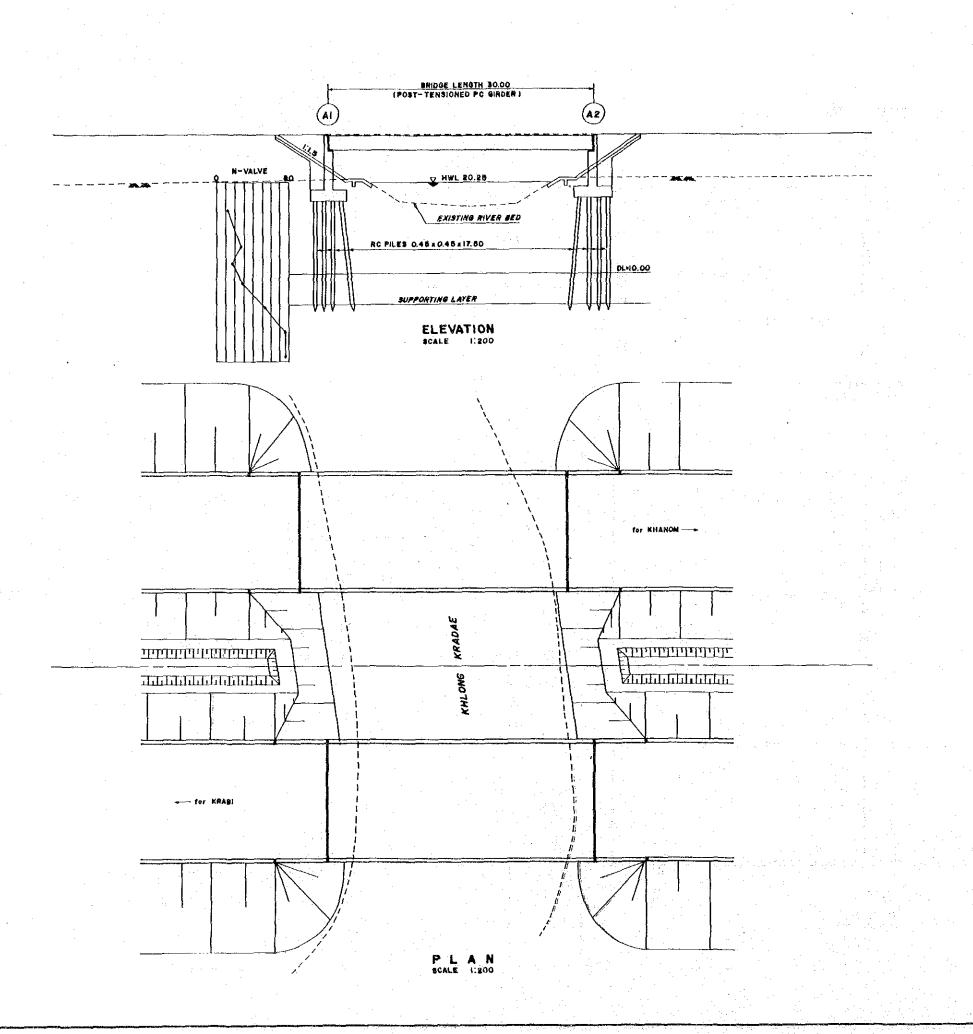










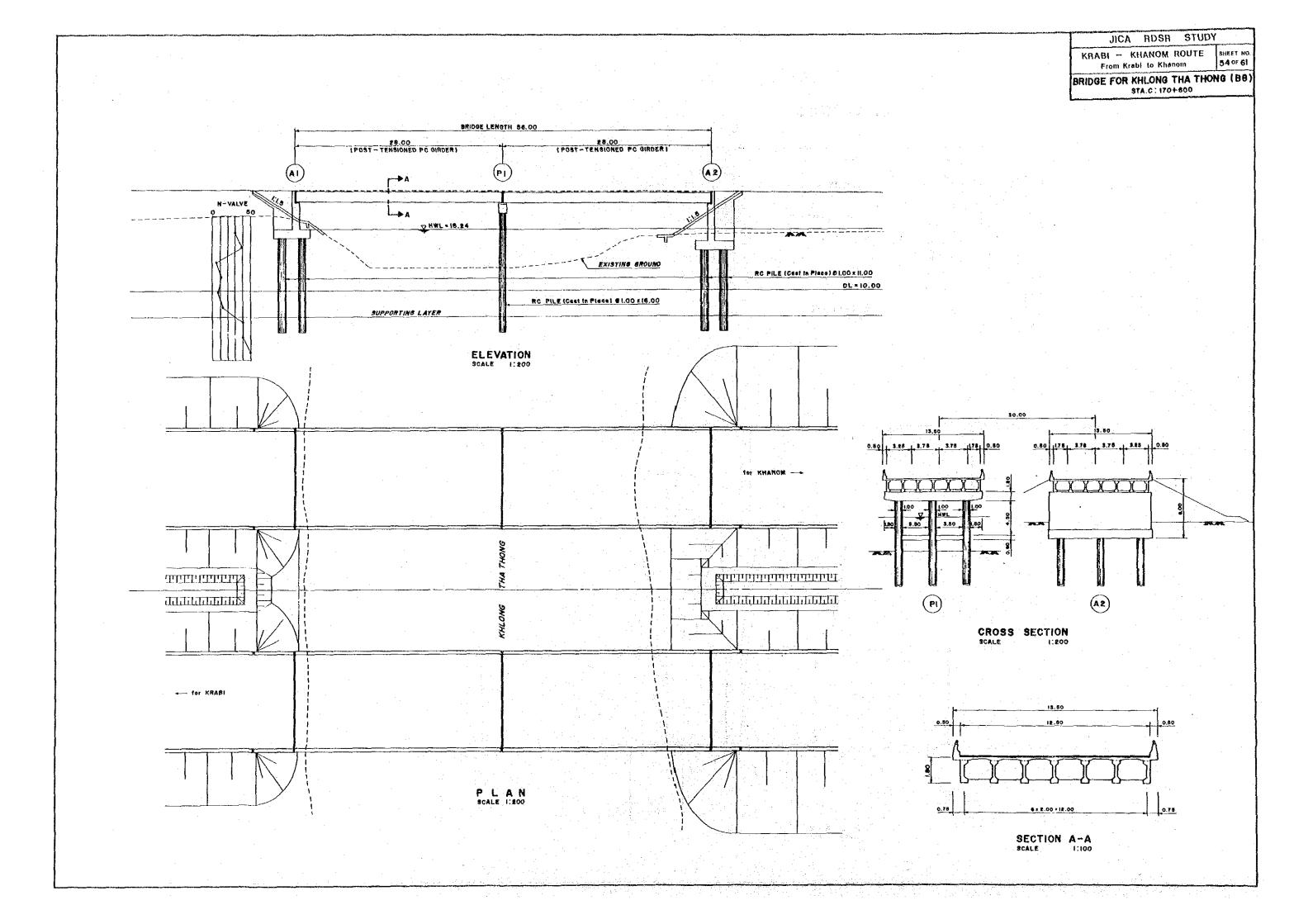


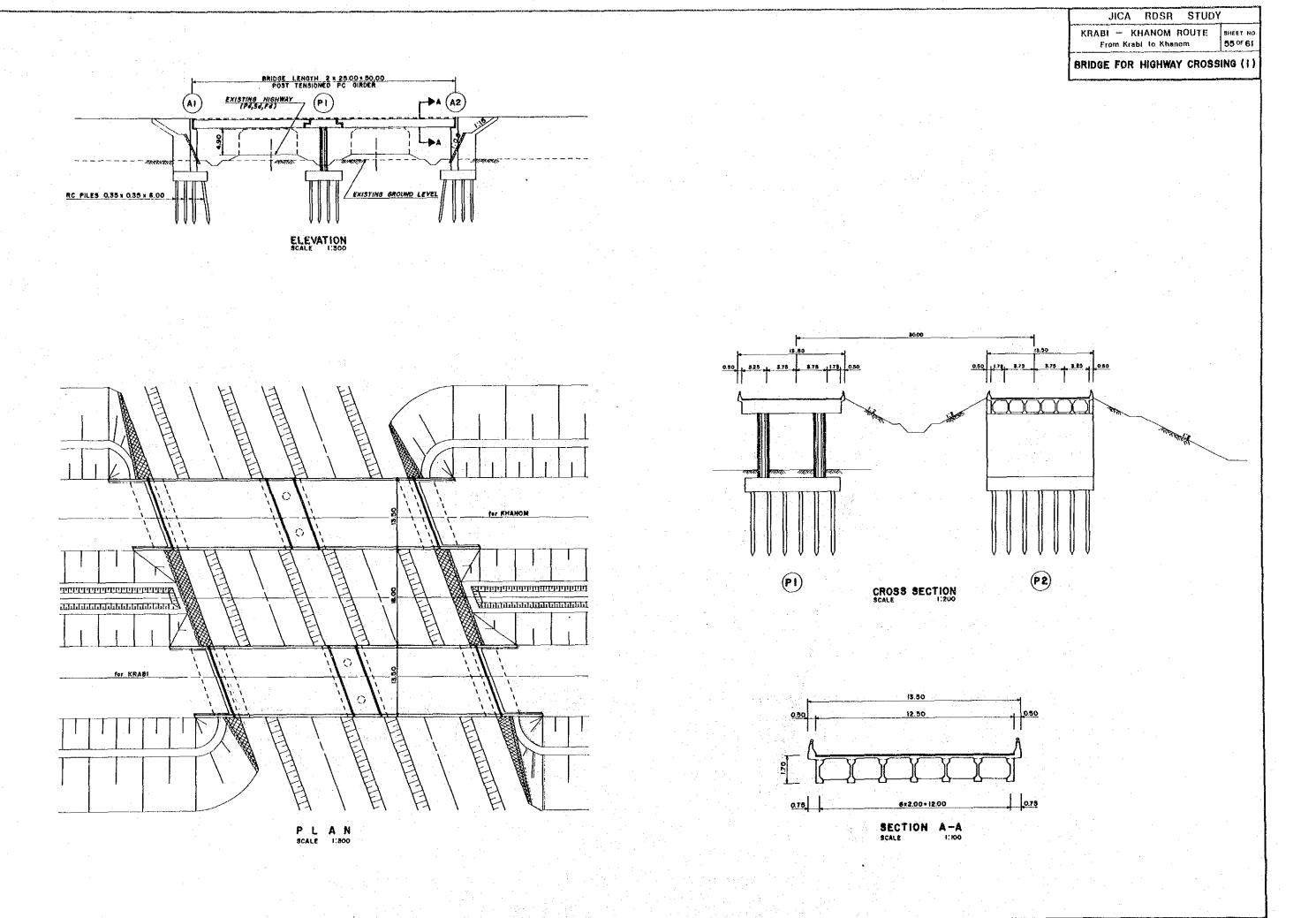
JICA RDSR STUDY

KRABI - KHANOM ROUTE From Krabi to Khanom

530F 61

BRIDGE FOR KHLONG KRADAE (B7)
STA. C : 153+350

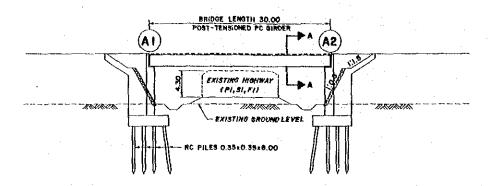




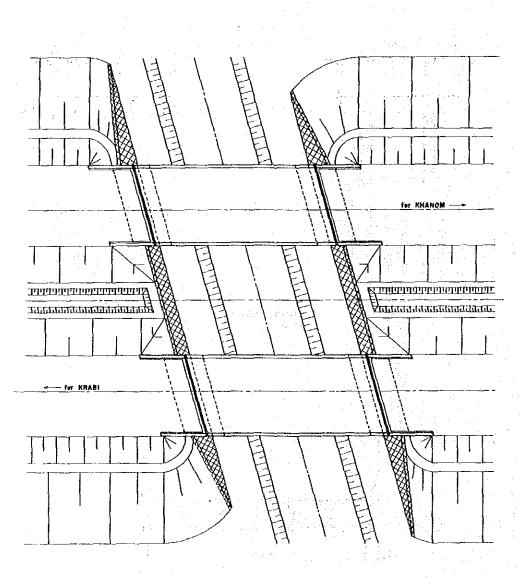
JICA RDSR STUDY

KRABI — KHANOM ROUTE SHEET NO 560F61

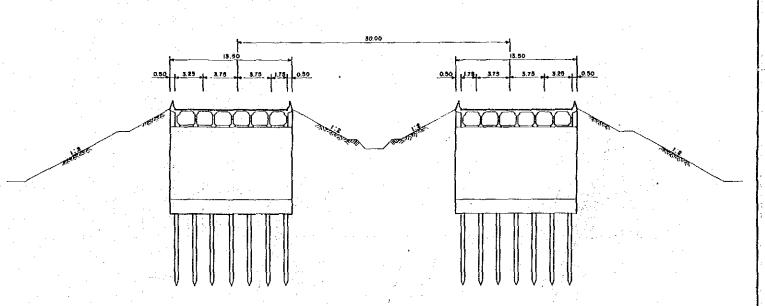
BRIDGE FOR HIGHWAY CROSSING (2)



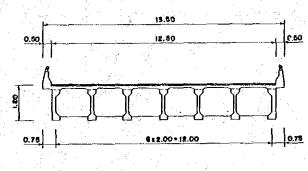
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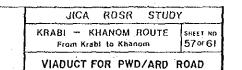
PEL A N

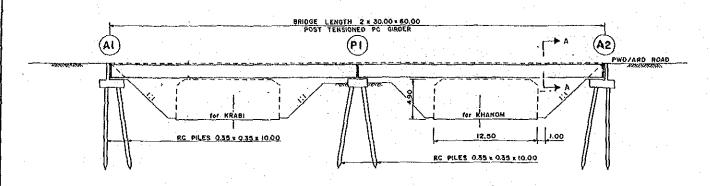


CROSS SECTION OF (A2)

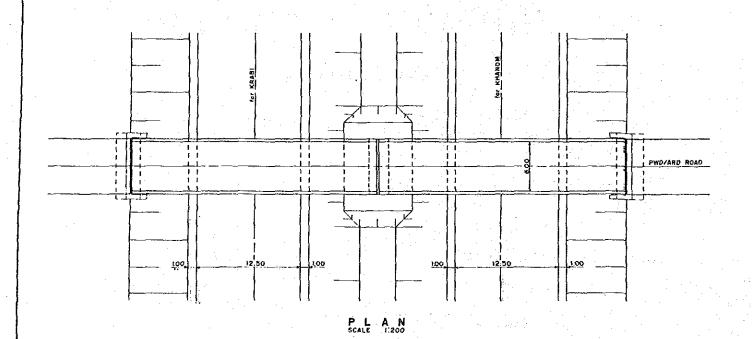


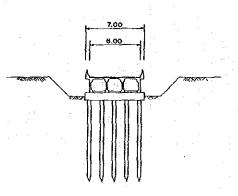
SECTION A-A



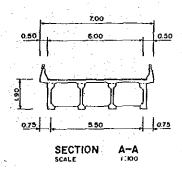


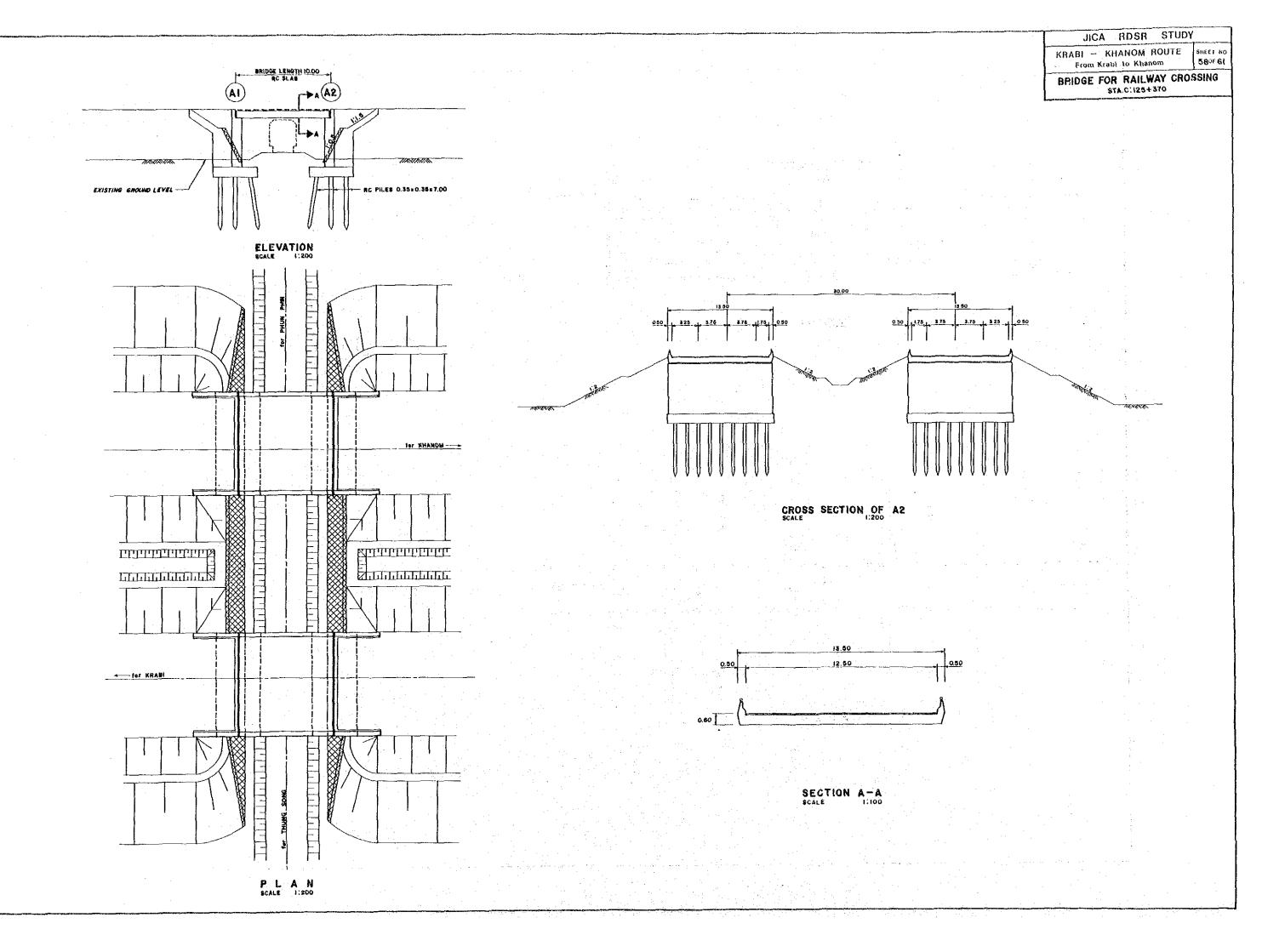
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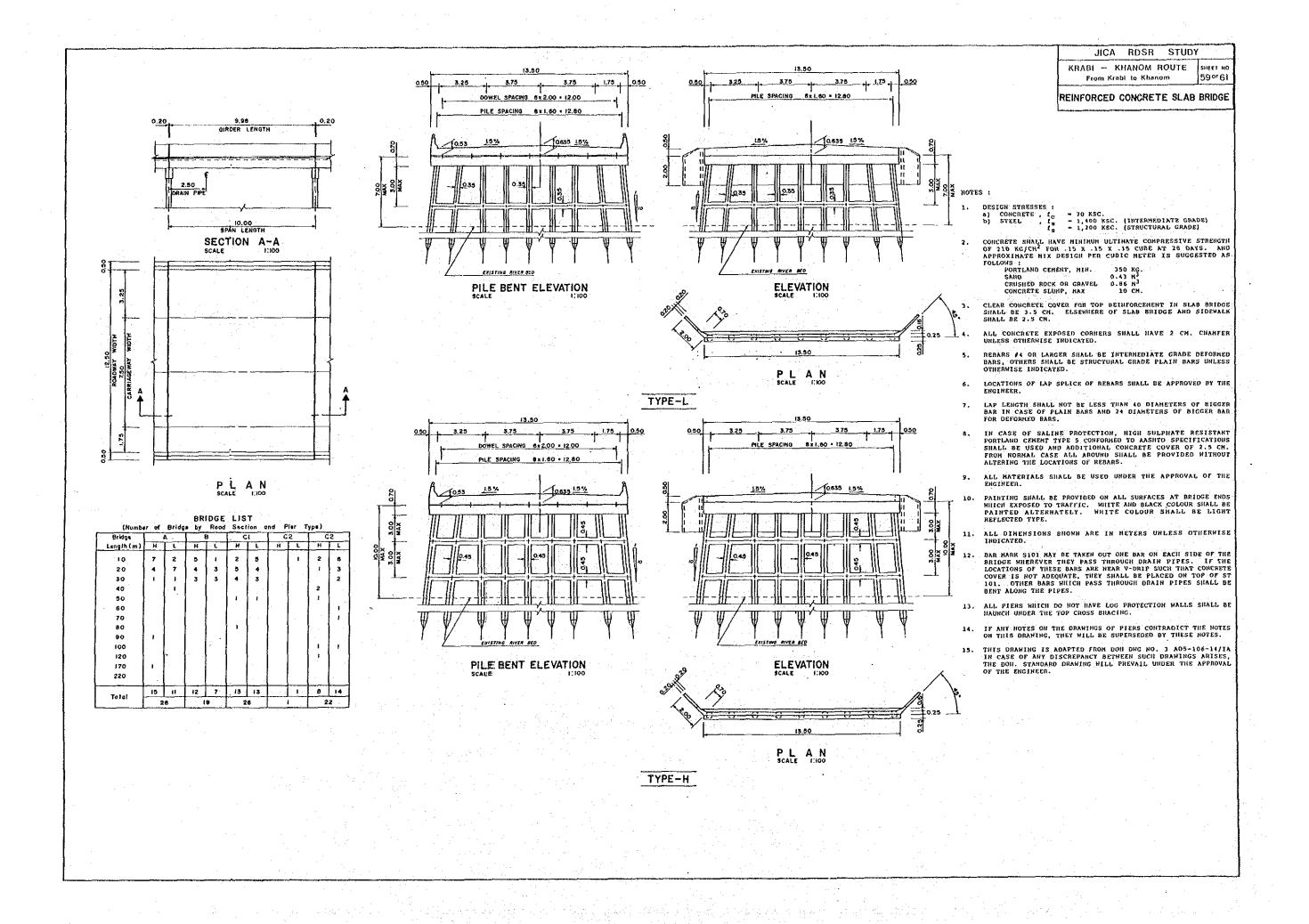




CROSS SECTION





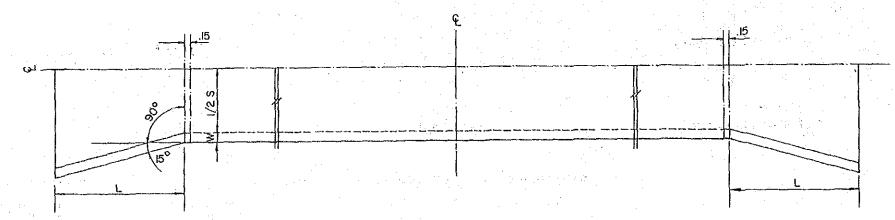


BOX CULVERT

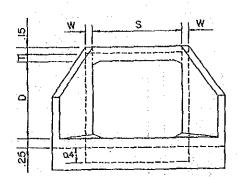
JICA RDSR STUDY

KRABI — KHANOM ROUTE
From Krabi to Khanom 600F61

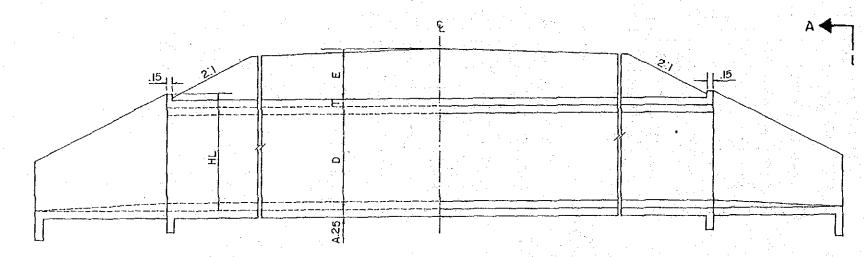
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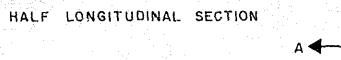
HALF LONGITUDINAL PLAN

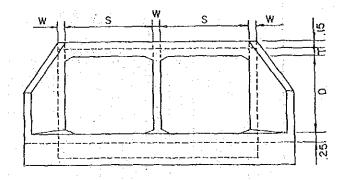


SINGLE TYPE



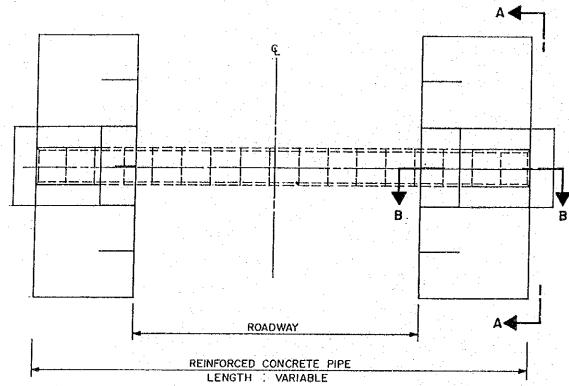
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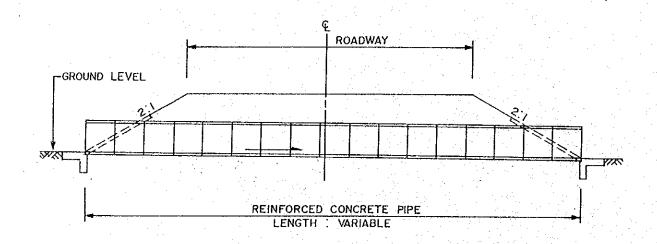


DOUBLE TYPE

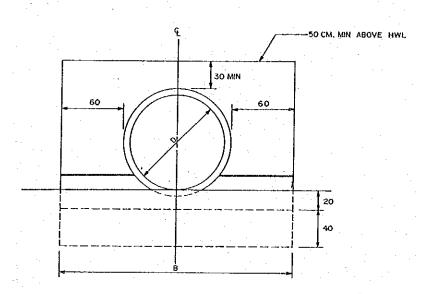
SECTION A-A



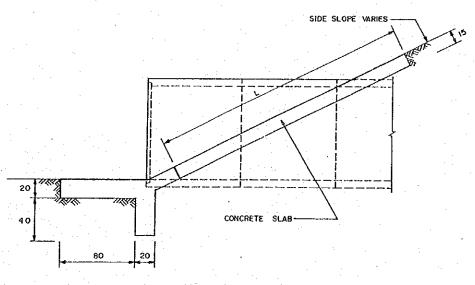
PLAN



PROFILE



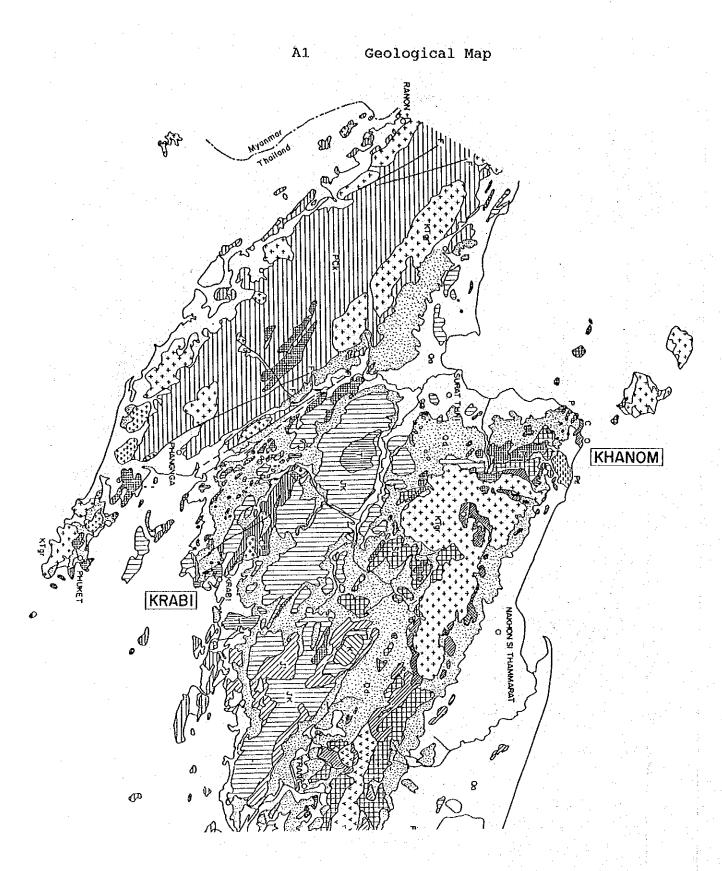
SECTION A-A



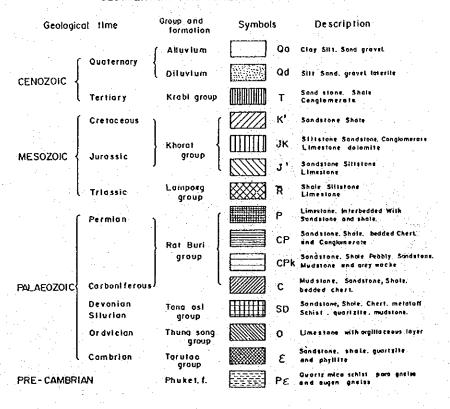
SECTION B-B

III APPENDIX

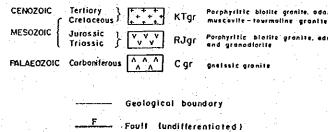
A1:	Geological Map	A-1
λ2	Mean Annual Rainfalls	A-2
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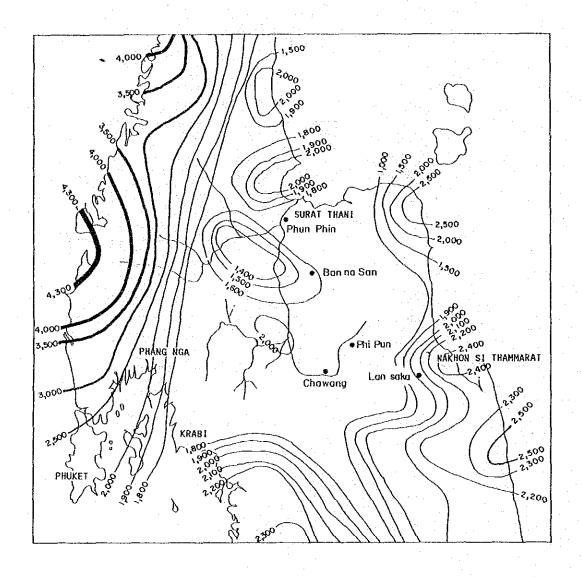
EXPLANATION SEDIMENTARY AND IGNEOUS ROCKS

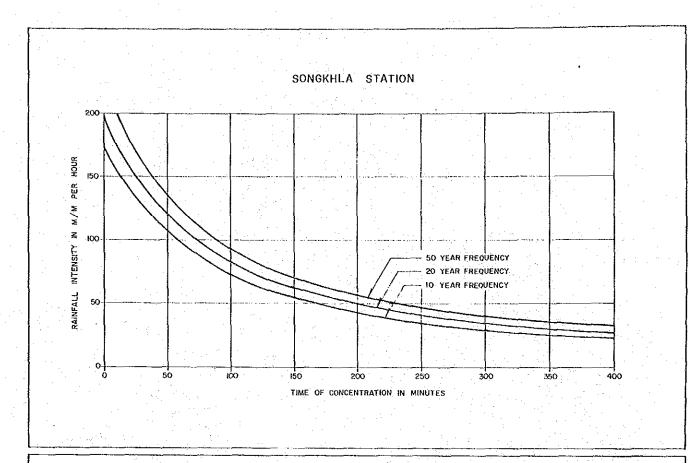


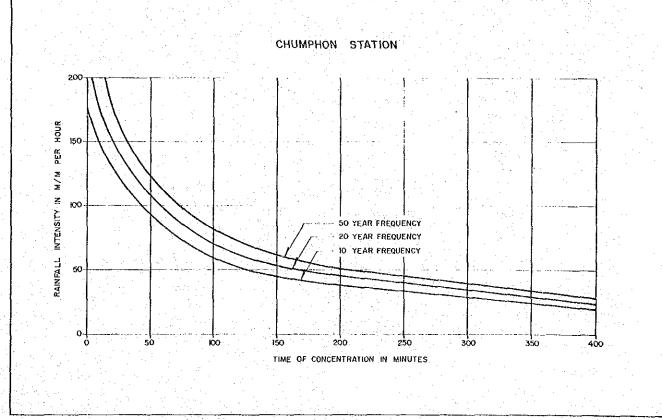
IGNEOUS ROCKS



A2 Mean Annual Rainfalls



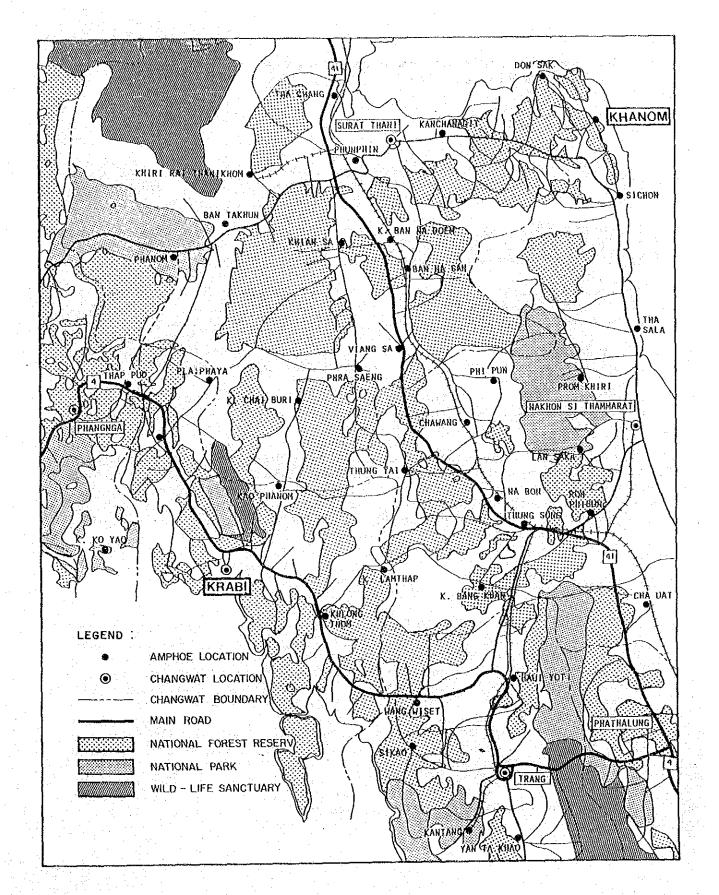




A.2 (2) Rainfall Intensity Curves

A.2 (3) Rainfall Intensity Zoning Map

A3 Conservation Area



A4 Present Socio-Economic Situations along the Krabi - Khanom Highway Link

1. Land Use

Fig. A4-1 illustrates the present land use along the Krabi - Khanom Highway Link. The Highway Link passes three changwats of Krabi, Surat Thani and Nakhon Si Thammarat.

There are three alternative routes based on the way how to pass the Krabi mountain area. After passing the mountains, these three alternatives pass the same alignment to Khanom.

Alternative A goes along the existing highway Route No. 4035. The terrain is mostly flat with hilly portions. Oil palm plantation is the most prevailing land use in this area.

Alternative B goes through the mountain by tunnel. The terrain is hilly. This route passes the midst of wild life sanctuary.

Alternative C goes along the existing highway Route No. 4037, passing many villages along the highway. Most of the terrain is flat with rubber plantations.

Land use along the Highway Link after three alternatives join together shows some difference from place to place. Though rubber plantation is the most conspicuous land use throughout the corridor, paddy fields are another prevailing land use in Khian Sa area, orchard in the southern part of Surat Thanicity, and paddy and oil palm in Khanom area.

2. Land Price

Fig. A4-1 also shows land prices along the Highway Link. Range of the land price is considerably wide from the lowest 3,000 baht per rai to the highest 4 million baht. Land prices in Khanom area is considerably higher than the average price, those in Krabi area is slightly lower, and those in the south Surat Thani is considerably lower than the average.

Land prices along the Highway Link have reportedly been hiked this year, particularly in Khanom area. Speculative land transaction need to be addressed. The Land Bridge needs a strip land of about 25,000 rai (200 km x 200 m). If the average land price rises by 25 %, the incremental land acquisition cost would reach 190 million baht (= \$30,000 x 25,000 rai x 25 %).

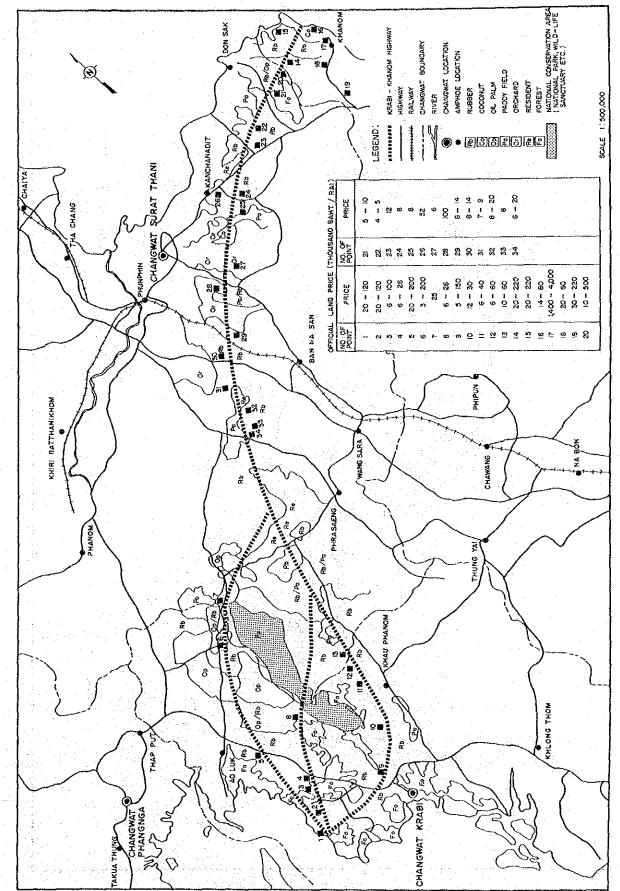


Fig. A4-1 LAND UTILIZATION AND LAND PRICE IN THE CORRIDOR OF KRABI - KHANOM HIGHWAY