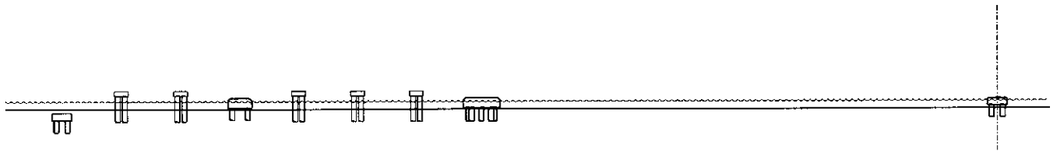

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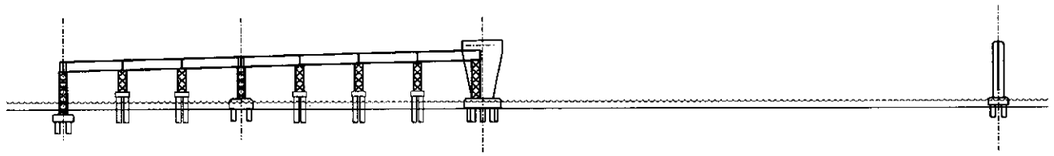

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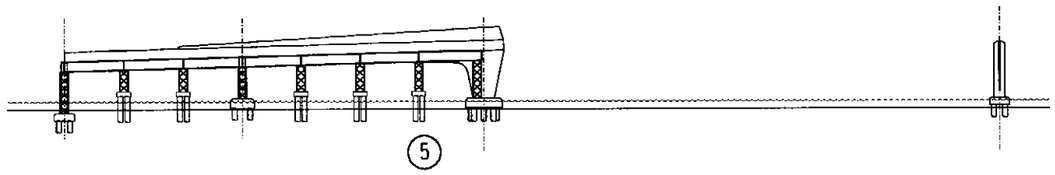

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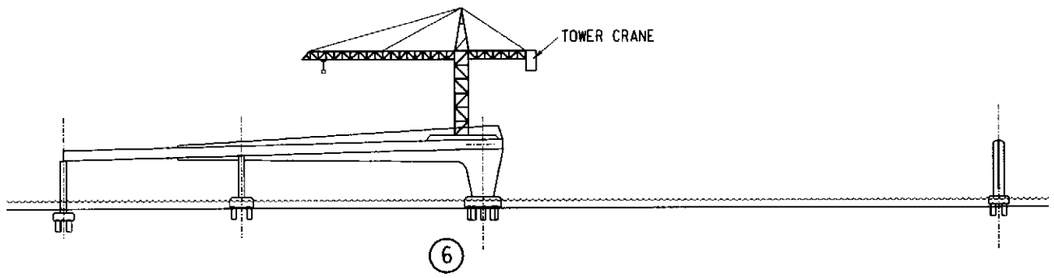

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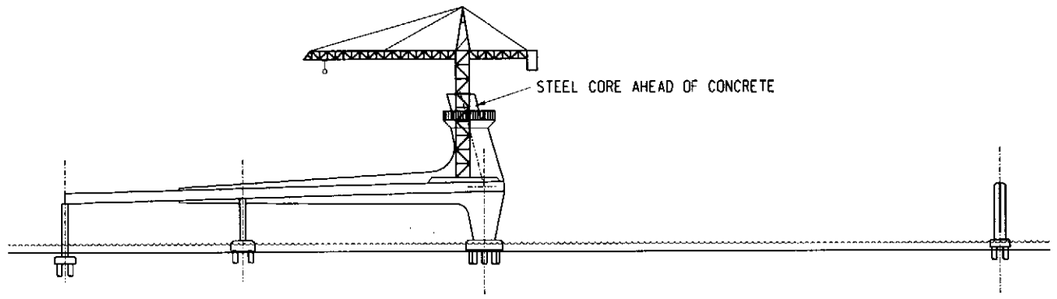

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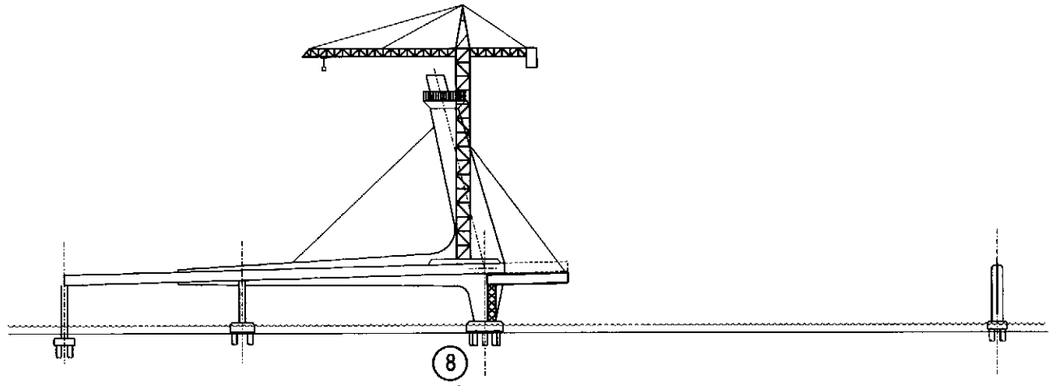

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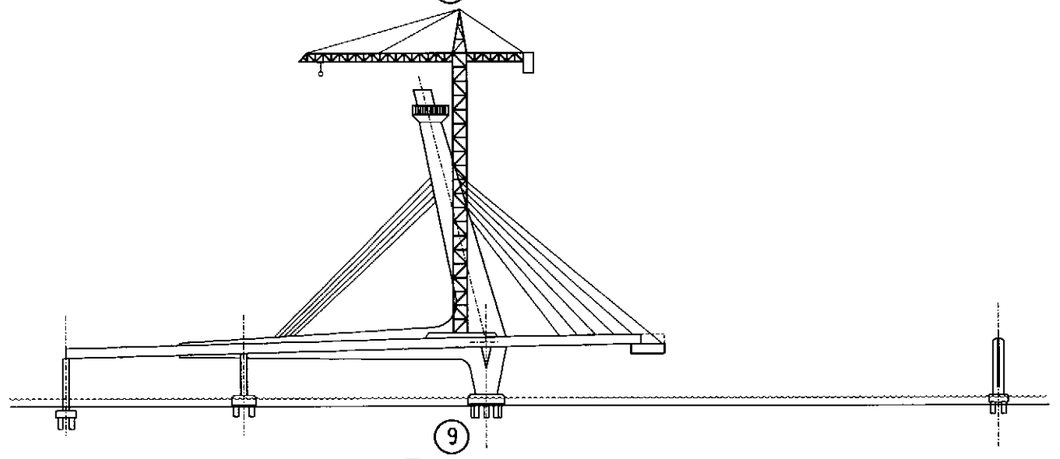

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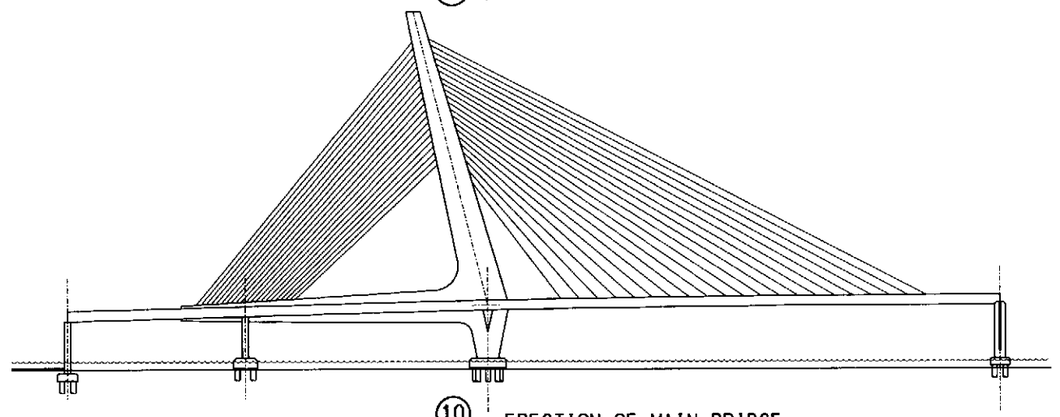

(10)

ERECTION OF MAIN BRIDGE

1. CONSTRUCT PERMANENT FOUNDATION
2. CONSTRUCT PIERS AND LOWER PART OF TOWER IN SITU
3. INSTALL TEMPORARY PIPE PILES AND PILE CAPS IN THE BACK SPAN
4. ERECT SCAFFOLDING AND FORM WORK GIRDER FOR BACK SPANS
5. CONSTRUCT BACK SPAN DECK IN SITU
6. REMOVE SCAFFOLDING, TEMPORARY PILE CAPS AND PILES TO ACCEPTABLE LEVEL, ERECT TOWER CRANE FOR CONSTRUCTION OF TOWER
7. START CONSTRUCTION OF INCLINED TOWER USING 4m CLIMBING FORM
8. CONSTRUCT FIRST PART AT MAIN SPAN DECK WITH FIRST CABLE WHEN TOWER HAS REACHED LEVEL +100m
9. CONSTRUCT REST OF DECK IN CANTILEVER IN 6m INCREMENTS SIMULTANEOUSLY WITH ERECTION OF TOWER
10. COMPLETE

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Designed By: CD
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Date: JUN 2002

路政署 HIGHWAYS DEPARTMENT
主要工程管理處 Major Works Project Management Office

Consultant
ARUP 奧雅納工程顧問 Ove Arup & Partners Hong Kong Limited
Supported By :
Environmental Management Ltd. ○
BMT Asia Pacific Ltd. ○
Urbis Ltd. ●

Project Title: Shenzhen Western Corridor Investigation & Planning

Drawing Title: MAIN SPANS - CONSTRUCTION METHODOLOGY

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Drawing Status:
Rev.: 0

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