



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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Project Title	Shenzhen Western Corridor Investigation & Planning
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Drawing Title	MAIN SPANS CONSTRUCTION METHOD
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