

4.3 Construction Schedule of Lot-I

The overall construction schedule of this Project is shown in Fig. 4.1 by barchart. Besides, the construction time schedule for the Lot I Works is also prepared as shown in Fig. 4.2.

The land compensation in the construction sites for this Project will be arranged by the CWA and be executed timely in the Project implementation.

The construction schedule for the Lot I Works is planned considering summer season, river diversion, construction sequences of each tender lot and work quantity.

The major construction of the Lot I Works involved in each year is described below:

(1) First Year (1992)

At the end of November 1992, the Lot I contract for haul and access roads, site construction facilities including buildings, aggregate and concrete batcher plants, water and power supply systems, etc., and diversion tunnel will be concluded, succeeding the tender and its evaluation. Immediately after the conclusion of the Lot I contract, the mobilization work will be commenced together with the construction works for the existing road improvement and access roads on the right bank of the damsite. Land preparation works in the construction facility yard will also be commenced in the first year. The top soil in the yard will be stripped and stockpiled for land reclamation of the sugar cane plantation after the completion of the Project.

It is necessary to provide a temporary access to commence the diversion tunnel works.

Temporary buildings and preparatory works required for the Lot I contractor will also be made at first.

(2) Second Year

In succession to the first year, the preparatory works for the Lot II contract such as haul and access roads, offices and residences, warehouses, work shops, field laboratory, etc., water and power supply systems and telecommunication system, and construction plants such as aggregate and concrete plants with waste water treatment plant are scheduled to be commenced. Most of these works will be completed by the end of November 1993, before the commencement of the Lot II Works.

The construction plants especially, have to be completed by the end of September 1993, before commencement of work under Lot II.

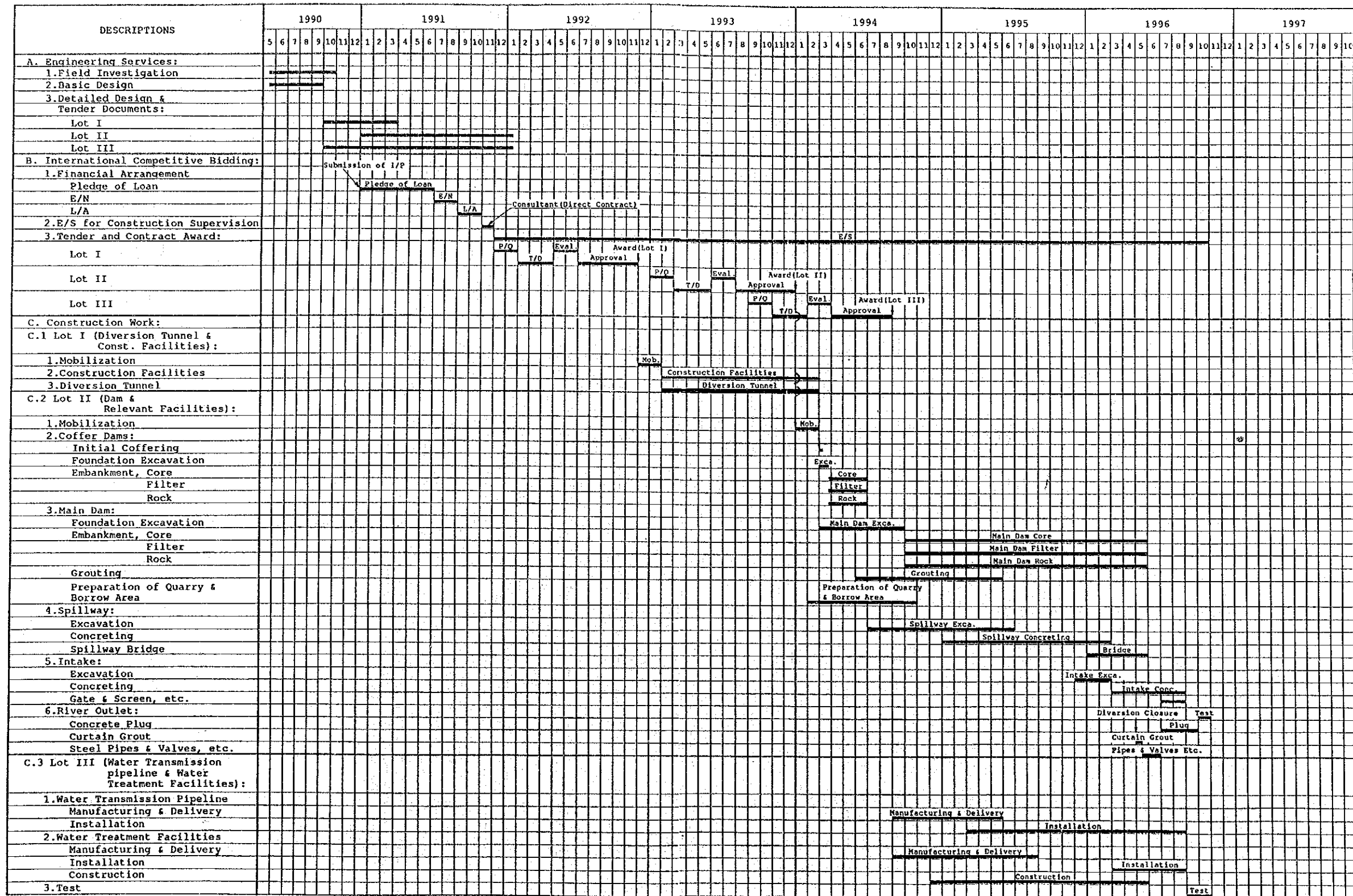
The open cut excavation of the diversion tunnel will be commenced from the beginning of February 1993, at first from the outlet portal.

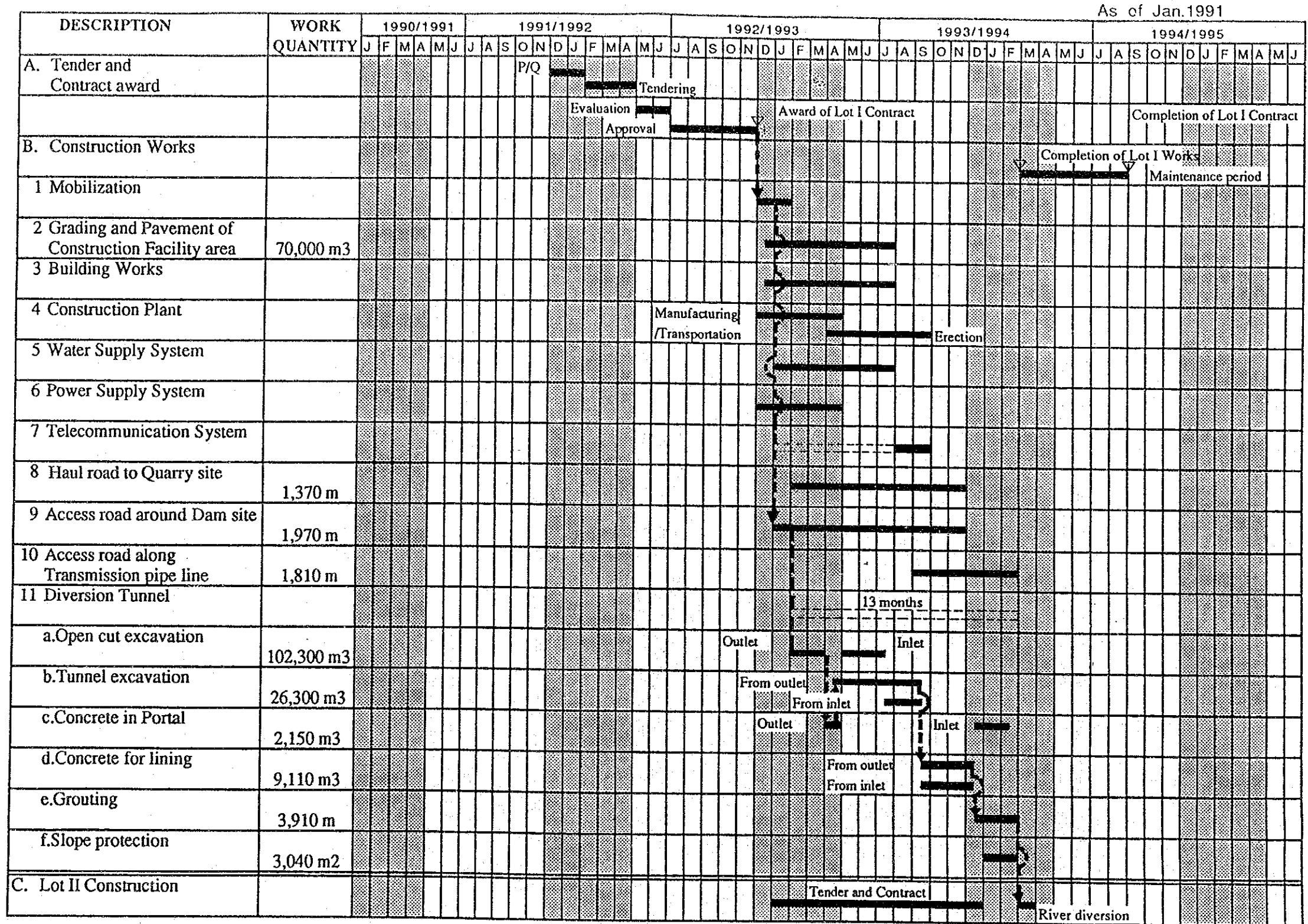
The tunnel excavation is scheduled to be started at the middle of April 1993 from the outlet portal. The diversion tunnel excavation works will be completed by the middle of September 1993 and the concrete lining works are scheduled to be performed from the middle of September 1993 to the middle of December 1993.

(3) Third Year (1994)

At the end of December 1993, the Lot II contract will be concluded, succeeding to the tender and its evaluation performed in 1993. Then, the Lot II Works will be commenced from the beginning of 1994. The concrete placing in the inlet structures and inverted arch portion, and tunnel groutings are scheduled to be completed by the end of February 1994. Thus, all of the Lot I Works will be completed by the end of February 1994.

The river diversion is scheduled to be started at the beginning of March, 1994 by the Lot II contractor. Immediately after the river diversion, the upstream and downstream primary cofferdams will be constructed. Then, construction of the upstream secondary cofferdam will be started at the middle of March and completed by the end of June 1994 by the Lot II contractor.





Note: - - - - Critical path

GENERAL
CONSTRUCTION TIME SCHEDULE

GOVERNMENT OF MAURITIUS
PORT LOUIS WATER SUPPLY PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY

