

PROJECT PROFILE

1. BASIC INFORMATION

1.1 Project Title

Widening of T6 Bridge, Sha Tin

1.2 Proponent

Highways Department (HyD), Major Works Project Management Office

1.3 Contact Person

1.4 Purpose and Nature of the Project:

The project is to widen the existing dual 2-lane T6 Bridge to dual 3-lane in order to resolve the forecast traffic capacity problem. The project will also include construction of a new southbound link road to connect T6 Bridge with the section of Tolo Highway south of its interchange with T6 Bridge. The T6 Bridge is a trunk road and is designated as Expressway. The speed limit for the main line and the proposed new link road will be 80 km/h and 70 km/h respectively.

1.5 Proposed Scope of Improvement:

- (i) widening of the T6 Bridge from dual 2-lane to dual 3-lane;
- (ii) providing a new south bound link road from the T6 Bridge to Tolo Highway south of the interchange;
- (iii) modification to existing sign gantries;
- (iv) provision of fire hydrants;
- (v) provision of associated marine and drainage works, street lighting, traffic aids and surveillance facilities including emergency telephones and closed circuit television cameras;
- (vi) provision of mitigation measures which may be identified and/or recommended in the subsequent impact assessments; and

A small section of the Ma Liu Shui Weigh Station will be affected by the proposed new link road. Therefore, modification of the layout of the weigh station is required.

1.6 Location and Scale of Project and History of Site

The location of the project is shown in Annex A. The estimated project cost is HK\$316.7M at December 1997 price level. The existing land use of the area consists of low-rise and high-rise residential areas, schools, sewage treatment works, vehicular roads, temporary car park and green belts. T6 Bridge strides over the mouth of Shing Mun River, which is used for recreational activities such as boating, rowing and kayaking. The cycling tracks along both banks are also popular for cyclists and joggers.

1.7 Number and Types of Designated Projects to be Covered by the Project Profile

This project profile shall cover the "Widening of T6 Bridge, Sha Tin" only.

2. OUTLINE OF PLANNING AND IMPLEMENTATION PROGRAMME

2.1 Resources

It is proposed to deliver the project by in-house resources except for traffic and environmental reviews.

2.2 Project Timetable

According to the project implementation programme, a consultant will be appointed in March 1999 to undertake traffic review and EIA for the project. Taking into account the time required for the project design and necessary statutory procedures, it is anticipated that the earliest start and completion dates will be mid 2002 and mid 2004 respectively.

2.3 Staged possession of Site

The commencement of construction is largely hinged on the successful handing over of works site area of the Shatin Sewage Treatment Works Stage III extension works from Drainage Services Department. It is anticipated that sectional take-over of works site from Drainage Services Department is required in August 2002.

3. POSSIBLE IMPACT ON THE ENVIRONMENT AND MITIGATION MEASURES

3.1 Major Elements of the Surrounding Environment

Sensitive receivers and parts of the environment which might be affected by the project include individual residential buildings, Sha Tin Fishermen's New Village, schools, housing estates of Home Ownership Scheme, Marine Police Base, Shatin Knoll, Tolo Harbour Water Control Zone and Shatin Airshed. A more detailed description is shown in Section 3 of Annex B.

The existing and planned land use consists of vehicular roads, temporary car park, and Shatin Sewage Treatment Works and the proposed Stage III extension. All of these land uses may have some impacts on the environment.

3.2 Construction Impacts

A general review of potential construction impacts arising from the proposed project, together with various practical methods to mitigate the effects of those impacts are described in Section 4 of Annex B.

3.3 Operation Impacts

A general review of potential operation impacts that may arise during the operation of the proposed project, together with various practical methods to mitigate the effects of those impacts are described in Section 5 of Annex B.

3.4 Possible Severity, Distribution and Duration of Environmental Effects

All construction impacts are short-term effects. From the findings of the initial environmental review attached in Annex B, it is revealed that construction noise impacts on noise sensitive receivers should be in compliance with the established standards during daytime in weekdays. Construction dust impacts on sensitive receivers are expected to be in compliance with the established standards due to far separation between the proposed project and the receivers. No ecological sensitive areas and important species were identified in the vicinity of the project. No adverse ecological impact is envisaged.

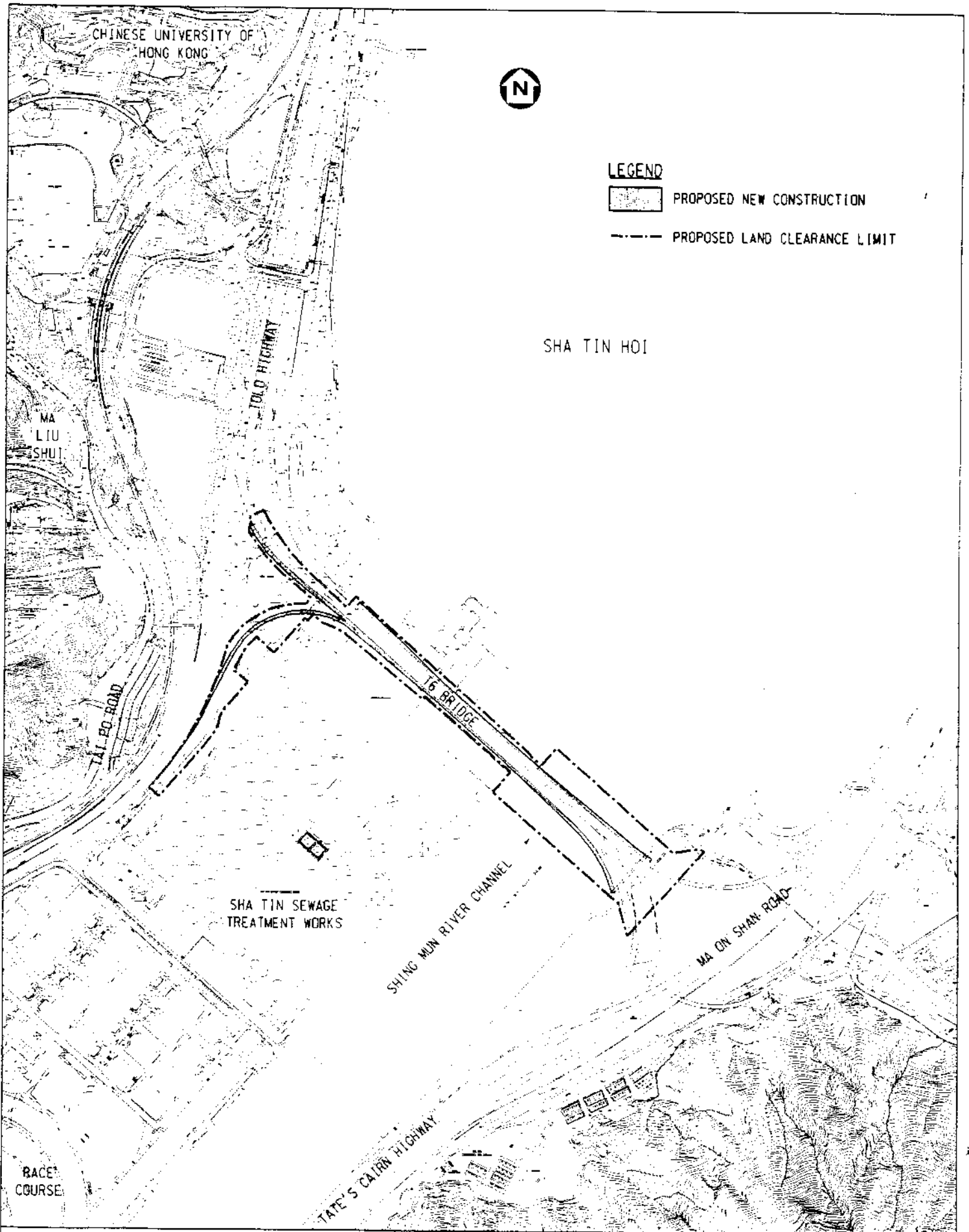
Operational impacts are long-term effects. It is recommended that further assessment should be carried out to determine the traffic noise impact in details and the requirement of suitable mitigation measures. No adverse operational air quality impact is envisaged. Visual and landscape impacts are expected to be minimal. It is expected that the project would not affect any site of cultural interest.


4. CONCLUSION

Study requirements for a further EIA for the project are described in Section 6 of Annex B.

Annex A

Note : **Annex B** is NOT available at this website, please visit other locations as stated in the advertisement notice for information



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| title 6728TH - WIDENING OF T6 BRIDGE, SHA TIN LOCATION PLAN | drawn by C. T. SIU | date 10/98 | drawing no. PMH6728/1PL/001 | scale 1 : 7 500 |
| | approved C. S. FUNG | date 10/98 |  HIGHWAYS DEPARTMENT HONG KONG | |
| | office MAJOR WORKS PROJECT MANAGEMENT OFFICE | | | |