

1. Basic Information

1.1 Project Title

Proposed Road A connecting Sin Fat Road and Cha Kwo Ling Road at Cha Kwo Ling.

1.2 Purpose and Nature of the Project

The purpose of the project is to construct a district distributor Road A for the proposed housing and school developments at Cha Kwo Ling Kaolin Mine Site.

1.3 Name of Project Proponent

Civil Engineering Office of the Civil Engineering Department

1.4 Location and Scale of Project

The proposed Road A is about 750 m long and runs through the existing Cha Kwo Ling Kaolin Mine Site. The proposed road is connected to Sin Fat Road and Cha Kwo Ling Road at the northern and southern end respectively. A drawing no. PMB 54 showing the proposed road is at Annex 1.

1.5 Number and Types of Designated Projects to be Covered

The proposed Road A which is classified as a district distributor (Schedule 2 Part I of the EIAO) is a designated project.

1.6 Name and Telephone Number of Contact Persons

2. Outline of Planning and Implementation Programme

- 2.1 CED is responsible for the overall planning, design and construction of the project. Consultants will be engaged to undertake a feasibility study to confirm the viability of the construction before proceeding to the detailed design stage.

2.2 A tentative implementation programme is as follows :

Preliminary Project Feasibility Study	7/1998 to 12/1998
Feasibility Study	1/1999 to 1/2000
Detailed Design	12/1999 to 12/2000
Tendering	12/2000 to 3/2001
Construction	3/2001 to 11/2002

2.3 There are interactions with a housing, school and typhoon shelter projects at Cha Kwo Ling. The tentative construction programme of the housing and school project is the same as the proposed road. The tentative construction programme of the typhoon shelter project is from 7/2001 to 12/2003.

3. Possible Impacts on the Environment

3.1 The construction of the proposed road will involve site formation and slope works, roads and drains, and utilities. Possible impacts on the environment are as follows :

3.2 Construction Impacts

- (a) Dust impact from construction activities on the potential air sensitive receivers in the vicinity of the site,
- (b) Noise impact from the construction plant/equipment on the potential noise sensitive receivers in the vicinity of the site,
- (c) Water pollution to stream courses and/or drainage system within and downstream of the site, and
- (d) Disposal of a variety of wastes which may include contaminated material, construction and demolition waste, surplus excavated material, and general refuse.

3.3 Operational Impacts

- (a) Noise and gaseous emissions associated with road traffic on road.

4. Major Elements of the Surrounding Environment

4.1 Sensitive receivers in the surrounding environment include mainly the following:

- (a) Residents in Laguna City and in the proposed housing development at the Site;
- (b) Students in the proposed schools,
- (c) Patients in Margaret Trench Medical Rehabilitation Centre, and
- (d) Residents in Princess Alexandra Residential School.

4.2 Major elements of the surrounding environment which may affect the proposed road include mainly the following :

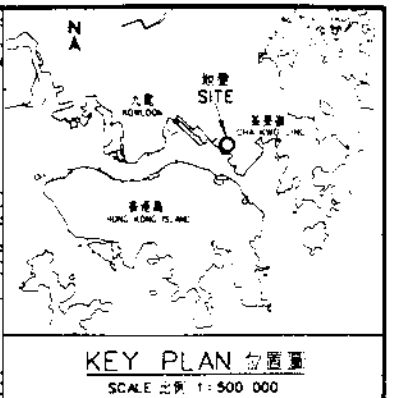
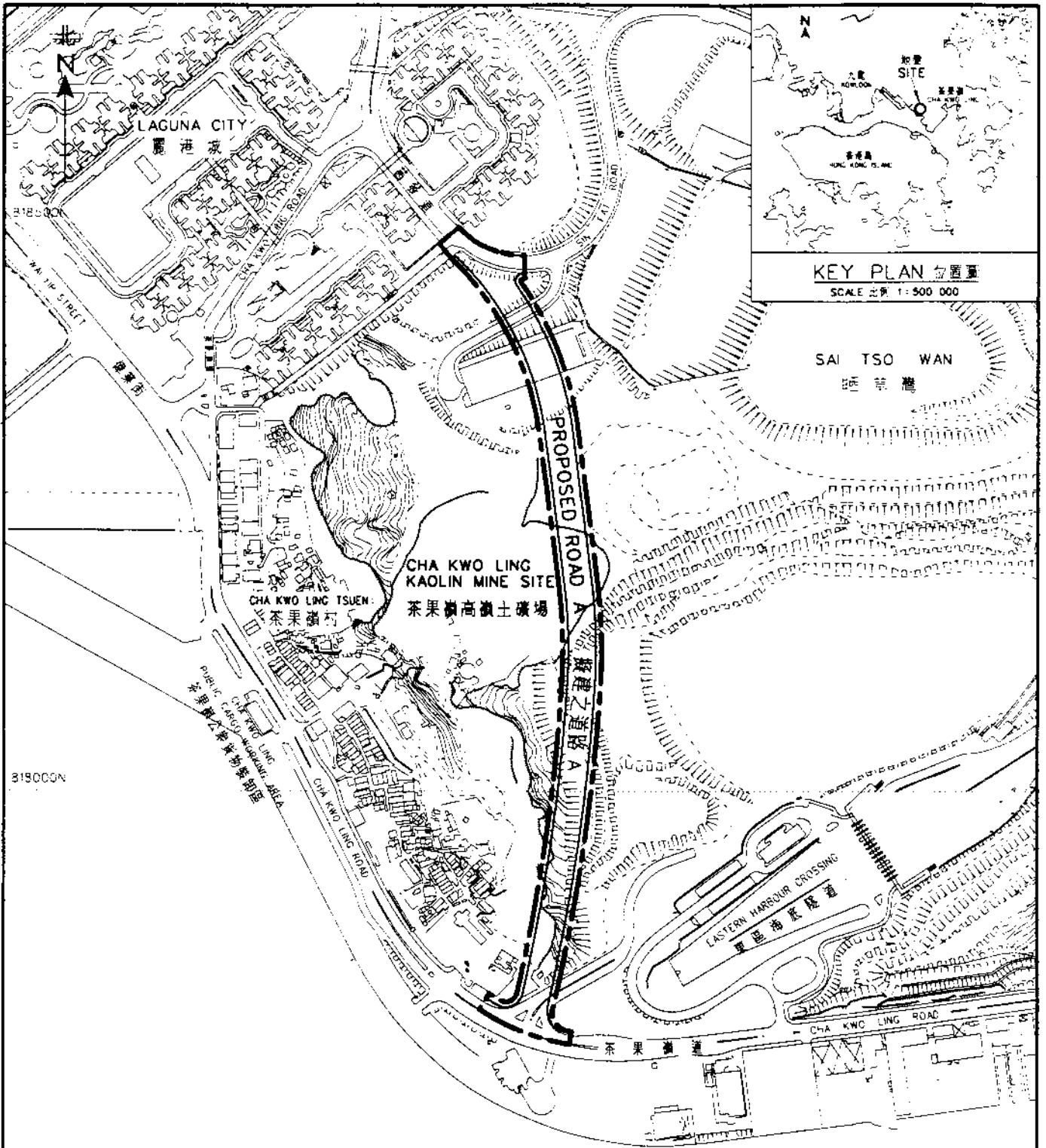
- (a) Road traffic on and vehicular emissions from the nearby roads and the portal of Eastern Harbour Crossing,
- (b) MTR train movements,
- (c) Operations of Cha Kwo Ling Cargo Working Area and industrial premises;
- (d) Plume impingement from industrial chimneys,
- (e) Fugitive dust from concrete batching plant,
- (f) Landfill gas hazards from the nearby Sai Tso Wan Landfill, and
- (g) Land contamination from the Cha Kwo Ling Kaolin Mine Site.

5. Environmental Protection Measures to be Incorporated in the Design and Any Further Environmental Implications

5.1 The following measures will be taken into account in the Environmental Impact Assessment study of the project :

- (a) Pollution control technology,
- (b) Source control,
- (c) Waste management systems and practices,
- (d) Potential for waste and wastewater minimisation,
- (e) Risk mitigation measures and accident emergency response plans,
- (f) Acoustic barriers and insulation,
- (g) Buffer zones and landscaping,
- (h) Different siting of construction activities, and
- (i) Control of construction work practices.

Annex 1



LEGEND :
圖例

LIMIT OF ROADWORK
道路施工範圍

KWUN TONG TSAI WAN
觀塘仔灣

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title 圖則名稱	name 姓名	initial 簡字	date 日期	no. 日期	description 說明	checked 核對	approved 核准
				no. 圖號	description 說明	checked 核對	approved 核准
PROPOSED ROAD A AT CHA KWO LING 在茶果嶺擬建之道路A	designed 設計	H.Y. LEE	15.10.98	drawing no. 圖號	PMB 54		scale 比例
	drawn 繪圖	K.H. TONG	16.10.98				
	checked 核對	H.Y. LEE	16.10.98	CIVIL ENGINEERING DEPARTMENT HONG KONG			
	approved 核准	K.C. SIN	16.10.98				
office	PROJECT MANAGEMENT BRANCH CIVIL ENGINEERING OFFICE 土木工程處 工程管理處						