

CONTENTS

	Page
1. INTRODUCTION	1
1.1 Study Background	1
1.2 Study Objectives	1
1.3 Findings of PDS-1	1
1.4 Improvement to Situation since PDS-1	2
2. STUDY PROCESS AND TASKS.....	4
2.1 Introduction	4
2.2 Data Collection	5
2.3 Updating and Enhancement of Parking Inventory	7
2.4 Development and Enhancement of Parking Demand Model (PDM).....	7
2.5 Review of Hong Kong Planning Standards and Guidelines	8
2.6 Assessment of Base Year and Future Parking Situations	8
2.7 Development and Evaluation of Remedial Measures	8
2.8 Consultations	9
3. STUDY FINDINGS	10
3.1 Introduction	10
3.2 Problem Identification – Parking Supply and Demand	10
3.3 Base Year Parking Situations	10
3.4 Review of Parking Standards in HKPSG	12
3.5 Future Year Parking Situations	13
4. REMEDIAL MEASURES	15
4.1 Introduction	15
4.2 Measure A - Remedial Measures Through Planning Process	15
4.3 Measure B - Remedial Measures Through Management	17
4.4 Measure C - Remedial Measures Using Advanced Technology Solutions.....	19
4.5 Addressing the Issues	21
5. SUMMARY AND CONCLUDING REMARKS	22
5.1 Summary	22
5.2 Concluding Remarks	24

APPENDICES

Appendix A –	Base Year 2000 Parking Demand/Supply Analysis
Appendix B –	Current and Proposed Parking and Loading/Unloading Standards in HKPSG
Appendix C –	Forecast 2006 Parking Demand/Supply Analysis
Appendix D –	Forecast 2011 Parking Demand/Supply Analysis

ABBREVIATIONS

BDTM	Base District Traffic Models
CTS-3	The Third Comprehensive Transport Study
CV	Container Vehicle
CVP	Container Vehicle Park
GFA	Gross Floor Area
GIC	Government, Institution and Community
GIS	Geographic Information System
GIS-P	Geographic Information System for Parking
GIU	General Industrial Use
GPS	Global Parking Standard
GV	Goods Vehicle
HKHA	Hong Kong Housing Authority
HD	Housing Department
HKPSG	Hong Kong Planning Standards and Guidelines
HS	Hong Kong Housing Society
HKSAR	The Hong Kong Special Administrative Region
HOS	Home Ownership Scheme
I-O	Industrial-Office
ITS	Intelligent Transport System
KCR	Kowloon-Canton Railway
LGV	Light Goods Vehicle
LPG	Liquefied Petroleum Gas
L/UL	Loading/Unloading
LV	Light Van
M/HGV	Medium/Heavy Goods Vehicle
MTR	Mass Transit Railway
MC	Motorcycle
NENT	Northeast New Territories
NWNT	Northwest New Territories
PCS	Parking Characteristics Survey
PC	Private Car
PDM	Parking Demand Model
PDM-2	Enhanced Parking Demand Model
PDS-1	Parking Demand Study
PDS-2	The Second Parking Demand Study
PGS	Parking Guidance System
PLB	Public Light Bus
PnR	Park and Ride
PRH	Public Rental Housing
PSPS	Private Sector Participation Scheme
PTI	Public Transport Interchange
SIU	Special Industrial Use
SPS	Stated Preference Survey
STT	Short Term Tenancy
TD	Transport Department
TIS	Transport Information System
TPDM	Transport Planning and Design Manual
TTSD	Traffic and Transport Survey Division