

**Geographical Information System (GIS) Specifications for
Engineering Surveys of Highways Department**

Version 2.0

August 2015

**Amendment History of the GIS Specifications for Engineering Surveys
of Highways Department**

Rev	Revision Details	Prepared by (LS)	Reviewed by (SLS)	Approved by (CLS)	Effective Date
1.0	Initial release	H.C. Tam	S.B. Chan	K.W. Ng	2.12.2013
2.0	Modification of the data specification of all inventories to align with the “HyD GIS Specification for Maintenance Term Contract 01/HY/2014”		H.C. Tam	S.B. Chan	24.8.2015

Table of Contents

1	General	4
2	Data Specifications of Road Inventory Data of Highways Department	
2.1	Grating/Gully (Road Drain)	6
2.2	Gully Sump (Road Drain)	9
2.3	Catch Pit (Road Drain)	11
2.4	Manhole (Road Drain)	13
2.5	Pipe, Drain and Channel (Road Drain)	14
2.6	Manhole Cover	16
2.7	Pavement Polygon	20
2.8	Non-carriageway Pavement Centreline	24
2.9	E&M Pit	25
2.10	Tree	27
2.11	Roadside Planter wall	29
2.12	Slope Planter Wall	31
2.13	Special Paving Panel	33
2.14	Tactile Paving	35
2.15	Street Name Plate	37
2.16	Traffic Sign	40
2.17	Visitor Sign	43
2.18	Barrier Fence	44
2.19	Railing	47
2.20	Crash Cushion	50
2.21	Emergency Gate	51
2.22	Noise Barrier	53
2.23	Drop Kerb	55
3	Annex A – Domain code list of the attribute “SPEC_TYPE” (type of the species) of the table “INV_TR” (Tree)	56

1. General

- 1.1 This document describes the Geographical Information System (GIS) Specifications for Engineering Surveys of Highways Department, Hong Kong Special Administrative Region Government (HyD) in support of the highway asset management of road inventory data and covers road inventory data maintained by Highways Department which can be obtained by direct field surveying with references to the latest GIS Specification for Maintenance Term Contract.
- 1.2 It shall be read in conjunction with the “CAD Standard for Works Projects (CSWP)” issued by the Development Bureau and the “Drafting Specifications for Engineering Survey” issued by the Civil Engineering Development Department (CEDD). The CAD Standards for Works Projects aims at aligning the Works Departments’ CAD standards, setting standards for data exchange and provisions for basic requirements of CAD data management. The Drafting Specifications for Engineering Survey acts as the standard for coding ground features and provides guidance for field surveying and plan drafting in all Engineering Survey Offices of AFCD, CEDD, DSD, HyD, HD and WSD.
- 1.3 Graphical data
- (i) All the features shall be surveyed within the positional accuracy requirements in Hong Kong 1980 Grid Co-ordinates Datum and Hong Kong Principal Datum.
 - (ii) For polygon feature, all polygons must be cleaned topologically. (i.e. free from any dangle node, duplicate arcs, unclosed polygon, absence or duplicated polygon label, negative or null area values, overlapping polygon, etc.)
 - (iii) For linear feature, the alignment of the feature shall follow the actual alignment of the feature or parallel to the kerb alignment as appropriate.
 - (iv) Usually, smooth lines, either straight or curved (i.e. a series of short straight segments), shall be used in creating the line or polygon features.
 - (v) Ground feature coding during field surveying and plan drafting of a road inventory data shall refer to the reference survey feature code used in the “Drafting Specifications for Engineering Survey”.
- 1.4 Attribute data and other data
- (i) All the date fields shall be in ‘Date’ data type and in DD/MM/YYYY format.
 - (ii) The format of the identifiers for inventory shall adhere to this specification.
 - (iii) For all inventory data attribute tables, all non-null fields (specified as “Yes” in the “Require” column) shall be filled up according to this specifications.
- 1.5 Common Fields
- (i) Survey Feature Identifier (SFID)
The “SFID” field comprises two parts, namely; Survey Feature Type (2 characters) + Serial Number (7 digits with leading zero) e.g. MH0000012.

Survey Feature Type (e.g. MH)	Serial Number with leading zero; totally 7 digits (e.g. 0000012)
F F	N N N N N N N

(ii) Level of Features from Ground (LVL)

The “LVL” field is used to record the level of features from ground and its domain code list is shown as below:

Domain Code List – LVL

Code	Description
3	Level 3 bridge/flyover/structure above Level 2
2	Level 2 bridge/flyover/structure above Level 1
1	Level 1 bridge/flyover/structure above Ground Level
0	Ground Level
-1	Underground Level 1 subway/tunnel/structure below Ground Level
-2	Underground Level 2 subway/tunnel/structure below Underground Level 1
-3	Underground Level 3 subway/tunnel/structure below Underground Level 2

(iii) Indicator for Survey Audit of the Record (SVY_AUDIT)

The “SVY_AUDIT” field of a record is used to indicate the survey audit result of the record and its domain code list is shown as below:

Domain Code List – SVY_AUDIT

Code	Description
P	The record is audited with pass
F	The record is audited with fail
N	The record is not audited

- 1.6 The GIS data shall be in ESRI Shape File format or ArcGIS 10.1 File Geodatabase format for facilitating direct upload to the Road Data Maintenance System (RDMS) of HyD.

2. Data Specifications of Road Inventory Data of Highways Department

2.1 Grating (Road Drain)

2.1.1 General

- (i) The spatial data type is point, irrespective of the existence of the gully below the grating.
- (ii) It refers to the centre location of the cover of grating.
- (iii) Each grating shall be represented by a point.

2.1.2 Attribute Table

Table Name: INV_GR

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of grating/gully e.g. GR0000001	PK	Yes	Varchar2(9)	Para. 1.5 (i)
LVL	Level of features from ground e.g. -3/-2/-1/0/1/2/3		Yes	Number(2)	Para. 1.5 (ii)
GRAT_TYPE	Grating Type e.g. GA1-450 GA2-325 Others		Yes	Varchar2(7)	Note (i)
GRAT_MAT	Grating Material		Yes	Number (1)	Note (ii)
OVERFLOW	Overflow weir exist e.g. Yes, No, Unknown		Yes	Varchar2(7)	Note (iii)
GU_UNDER	Gully exist under the grating e.g. Yes, No, Unknown		Yes	Varchar2(7)	Note (iv)
TOP_LEVEL	Level of the top of the grating in mPD e.g. 132.53		Yes	Number(5,2)	
TRAP_INLET	Presence of Gully inlet trap (Y)es – presence of inlet trap (N)o – absence of inlet trap (#) – Unknown		Yes	Varchar2(1)	Note (v)
TRAP_GULLY	Trapped gully (Y)es – as in Highways Department Standard Drawing No. H3110A (N)o – the gully is not a trapped gully (#) – Unknown		Yes	Varchar2(1)	Note (vi)
CONT_NO	Contract number for the construction or maintenance works (e.g. HY/2012/03)		Yes	Varchar2(50)	
PHOTOPATH	Photo pathname and filename			Varchar2(100)	
TIMESTAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass – the record is audited with pass (F)ail – the record is audited with fail (N)o – the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

Notes :

(i) Code Example – GRAT_TYPE (Grating Type)

Code Example	Sample Photo(s)	Remarks
GA1-450		Standard Grating Cover
GA2-325		
Others		Most likely on footway

(ii) Domain Code List – GRAT_MAT (Grating Material)

Code	Description
1	Metallic
2	Compound Materials

(iii) Code Example – OVERFLOW (Overflow weir exist)

Code Example	Sample Photo(s)	Remarks
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Yes		Refer HyD Drg. No. 3105A
No		

(iv) Domain Code List – GU_UNDER (Gully exist under the grating)

Code	Description
Y	Present of gully under the grating
N	Absence of gully under the grating
#	Unknown

(v) Domain Code List – TRAP_INLET (Presence of Gully inlet trap)

Code	Description
Y	Present of inlet trap
N	Absence of inlet trap
#	Unknown

(vi) Domain Code List – TRAP_GULLY (Trapped gully)

Code	Description
Y	The gully is a trapped gully
N	The gully is not a trapped gully
#	Unknown

2.1.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
G1	Grating (1 pt.)
G2	Grating (2 pts.)

2.2 Gully Sump (Road Drain)

2.2.1 General

- (i) The spatial data type is point.
- (ii) It refers to the centre location of the cover of a Gully that serves the drainage from more than 1 grating.
- (iii) Each gully sump shall be represented by a point.

2.2.2 Attribute Table

Table Name: INV_GS

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of gully sump e.g. GS0000001	PK	Yes	Varchar2(9)	Para. 1.5 (i)
LVL	Level of features from ground e.g. -3/-2/-1/0/1/2/3		Yes	Number(2)	Para. 1.5 (ii)
COVERLEVEL	Level of the cover in mPD e.g. 132.53		Yes	Number(5,2)	
COVERSHAPE	Shape of cover e.g. C-Circular, R-Rectangular		Yes	Varchar2(1)	Note (i)
CONT_NO	Contract number for the construction or maintenance works (e.g. HY/2012/03)		Yes	Varchar2(50)	
PHOTOPATH	Photo pathname and filename			Varchar2(100)	
TIMESTAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass - the record is audited with pass (F)ail – the record is audited with fail (N)o - the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

Notes:

- (i) Domain Code List – COVERSHAPE (Shape of cover)

Code	Description
C	Circular
R	Rectangular

- (ii) Sample Photo(s)



2.2.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
GU	Gully

2.3 Catch Pit

2.3.1 General

- (i) The spatial data type is point.
- (ii) It refers to the centre location of the catch pitch located at the roadside.
- (iii) Each catch pit shall be represented by a point.

2.3.2 Attribute Table

Table Name: INV_CP

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of catch pit e.g. CP0000001	PK	Yes	Varchar2(9)	Para. 1.5 (i)
LVL	Level of features from ground e.g. -3/-2/-1/0/1/2/3		Yes	Number(2)	Para. 1.5 (ii)
CP_NO	Regional CP number (as shown on site) e.g. P123			Varchar2(10)	
CONT_NO	Contract number for the construction or maintenance works (e.g. HY/2012/03)		Yes	Varchar2(50)	
PHOTOPATH	Photo pathname and filename			Varchar2(100)	
TIMESTAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass - the record is audited with pass (F)ail – the record is audited with fail (N)o - the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

Notes:

(i) Sample Photo(s)



2.3.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
CP1	Catch pit (1 pt.)
CP2	Catch pit (2 pts.)

2.4 Manhole**2.4.1 General**

- (i) The spatial data type is polygon.
- (ii) It refers to the outer limit of the structure of the manhole.
- (iii) Each manhole shall be represented by a polygon.

2.4.2 Attribute Table

Table Name: INV_MH

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of manhole e.g. MH0000001	PK	Yes	Varchar2(9)	Para. 1.5 (i)
LVL	Level of features from ground e.g. -3/-2/-1/0/1/2/3		Yes	Number(2)	Para. 1.5 (ii)
MC_SFID	Survey Feature Identifier of manhole cover e.g. MC0000001		Yes	Varchar2(9)	Para. 2.6
CONT_NO	Contract number for the construction or maintenance works (e.g. HY/2012/03)		Yes	Varchar2(50)	
TIMESTAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass - the record is audited with pass (F)ail – the record is audited with fail (N)o - the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

2.4.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
MHS	Manhole structure

2.5 Pipe, Drain and Channel

2.5.1 General

- (i) The spatial data type is line.
- (ii) It refers to the centre line of the pipe, drain and channel features.
- (iii) Each pipe shall be represented by a line.

2.5.2 Attribute Table

Table Name: INV_PIPE

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of pipe, drain and channel e.g. PP0000001	PK	Yes	Varchar2(9)	Para. 1.5 (i)
LVL	Level of features from ground e.g.-3/-2/-1/0/1/2/3		Yes	Number(2)	Para. 1.5 (ii)
TYPE	Type of the pipe (1) - Connection pipe (2) - Carrier drain, (3) – Cross road drain (including CP outfall) (8) - Others (9) – Surface Channel		Yes	Number(2)	Note (i)
DIAMETER	Internal nominal diameter of the pipe in mm			Number (4)	Nominal Diameter or height shall be entered
HEIGHT	Internal height of pipe in mm			Number (4)	
WIDTH	Internal width of pipe in mm			Number (4)	
LENGTH	Length of pipe in m		Yes	Number (5,2)	
US_LEVEL	Invert level of the pipe at upstream end in mPD		Yes	Number (5,2)	
DS_LEVEL	Invert level of the pipe at downstream end in mPD		Yes	Number (5,2)	
E_US	X-coordinates of the feature at centerline at upstream end (in m)		Yes	Number(15,3)	
N_US	Y-coordinates of the feature at centerline at upstream end (in m)		Yes	Number(15,3)	
E_DS	X-coordinates of the feature at centerline at downstream end (in m)		Yes	Number(15,3)	
N_DS	Y-coordinates of the feature at centreline at downstream end (in m)		Yes	Number(15,3)	
CONT_NO	Contract number for the construction or maintenance works (e.g. HY/2012/03)		Yes	Varchar2(50)	
TIMESTAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass - the record is audited with pass (F)ail – the record is audited with fail (N)o - the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

Notes:

(i) Domain Code List – TYPE (Type of the pipe)

Code	Description	Sample Photo(s)
1	Connection Pipe (refers to a pipe that is connected to a gully/ grating)	
2	Carrier Drain (refers to a pipe other than connection pipe and cross road drain)	
3	Cross Road Drain (including CP outfall)	
8	Others	
9	Surface Channel	  

2.5.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
PP	Connection pipe (connected to a gully/ grating); or Carrier drain (other than cross road drain)
DX, DC	Cross road drain refers to pipe/drain that conveys water across a road (straight, curve).
CX, CC	Surface channel refers to dish channel, u-channel, rectangular channel, trapezoidal channel and step channel (straight, curve).
SX, SC	Surface channel in the form of step channel (straight, curve)

2.6 Manhole Cover

2.6.1 General

- (i) This manhole cover feature includes all drainage manhole covers on Highways Polygon or within the project limit of the contract.
- (ii) The spatial data type is point.
- (iii) It refers to the centre location of the manhole cover.

2.6.2 Attribute Table

Table Name: INV_MC

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of Manhole Cover e.g. MC0000001	PK	Yes	Varchar2(9)	Para. 1.5 (i)
LVL	Level of features from ground e.g.-3/-2/-1/0/1/2/3		Yes	Number(2)	Para. 1.5 (ii)
MH_TYPE	Type of manhole (1) – Foul water manhole (2) – Storm water manhole		Yes	Number(1)	Note (i)
COVERLEVEL	Cover level of the manhole in mPD e.g. 132.32		Yes	Number(5,2)	
COVERTYPE	Type of cover (1) – Metallic cover (2) – Recessed cover		Yes	Number(1)	Note (ii)
COVERSHAPE	Shape of cover (C) – Circular (R) – Rectangular (S) – Square		Yes	Varchar2(1)	Note (iii)
DIM_COVERL	Nominal dimension of cover in mm - Diameter for circular shape - Side length for square shape - Longer side length for rectangular shape		Yes	Number(4)	
DIM_COVERW	Nominal shorter side length of rectangular cover in mm			Number(4)	
MAINT	Maintenance Department of Manhole underneath the cover		Yes	Number (1)	Note (iv)
CONT_NO	Contract number for the construction or maintenance works (e.g. HY/2012/03)		Yes	Varchar2(50)	
PHOTOPATH	Photo pathname and filename			Varchar2(100)	
TIMESTAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass - the record is audited with pass (F)ail – the record is audited with fail (N)o - the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

Notes :

- (i) Domain Code List – MH_TYPE (Type of Manhole)

Code	Description	Sample Photo(s)
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1	Foul water manhole	       
2	Storm water manhole	Highways Department (HyD)    

		Drainage Services Department (DSD)   Water Supplies Department (WSD)   
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(ii) Domain Code List – COVERTYPE (Type of cover)

Code	Description
1	Metallic cover
2	Recessed cover

(iii) Domain Code List – COVERSHAPE (Shape of cover)

Code	Description
C	Circular
R	Rectangular
S	Square

(iv) Domain Code List – MAINT (Maintenance Department of Manhole underneath the Cover)

Code	Description
1	Highways Department
2	Drainage Service Department
3	Water Supplies Department

4	Others
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2.6.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
MF	Foul water manhole cover
MF2	Foul water manhole cover (2 pts.)
MS	Storm water manhole cover

2.7 Pavement Polygon

2.7.1 General

- (i) The feature covers pavements maintained by the HyD. The spatial data type is polygon.
- (ii) The polygon is formed by reference to the surveyed extent of the feature for recording its surface material type.
- (iii) Each polygon shall record one uniform pavement surface type.

2.7.2 Attribute Table

Table Name: INV_PG

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of Pavement (Footway) Polygon e.g. PG0000001	PK	Yes	Varchar2(9)	Para. 1.5 (i)
FEAT_TYPE	Polygon feature type code e.g. 2 (i.e. –Footway)		Yes	Number (2)	Note (i)
SUR_TYPE_1	Primary surface material type of Pavement Polygon e.g. 1 (i.e. Flexible)		Yes	Number (2)	Note (ii)
SUR_TYPE_2	Secondary surface material type of Pavement Polygon e.g. 2 (i.e. Rigid)			Number (2)	Note (ii)
SUR_PROP	Proportion of primary surface material type of Pavement Polygon e.g. 1 (i.e. 100%)		Yes	Number (1)	Note (iii)
PAVER_TYPE	Type of pavers e.g. C (i.e. Clay)		Yes	Varchar2(1)	Note (iv)
LVL	Polygon level code e.g. 0 – Ground level polygon)		Yes	Number (2)	Para. 1.5 (ii)
CONT_NO	Contract number for the construction or maintenance works e.g. HY/2012/03		Yes	Varchar2(50)	
PHOTOPATH	Photo pathname and filename of the primary surface material type of pavement polygon			Varchar2(100)	
TIMESTAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass - the record is audited with pass (F)ail – the record is audited with fail (N)o - the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

Notes :

(i) Domain code list – FEAT_TYPE (Polygon Feature Type)

Code	Description	Sample Photo(s)
1	Carriageway	
2	Footway	
3	Other	
5	Cycle Track	
6	Side/Back Lane	
7	Run-in	
8	Public Transport Interchange – Carriageway	
9	Public Transport Interchange - Footway	
23	Carpark - Carriageway	
24	Carpark - Footway	
31	Traffic Island – Refuge Island	
32	Traffic Island – Other	

(ii) Domain code list – SURF_TYPE_1 (Primary Surface Material Type) and SURF_TYPE_2 (Secondary Surface Material Type)

Code	Description	Sample Photo(s)
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1	Flexible (without Colour / Anti-skid Dressing)	
2	Rigid (without Colour / Anti-skid Dressing)	
3	Pavers	
7	Flexible with Colour / Anti-skid Dressing	
8	Rigid with Colour / Anti-skid Dressing	
10	Works In Progress	

(iii) Domain code list – SUR_PROP (Proportion of primary surface material type of Pavement)

Code	Description
	Proportion of primary surface material type in the Pavement Polygon:
1	100%
2	Not less than 90% and less than 100%
3	Not less than 80% and less than 90%
4	Not less than 70% and less than 80%
5	Not less than 60% and less than 70%
6	Not less than 50% and less than 60%

(iv) Domain code list – PAVER_TYPE (Type of Pavers)

Code	Description	Sample Photo(s)
G	Granite	
A	Artificial Granite	
R	Concrete	
C	Clay	
H	High Quality Concrete	
E	Recycle ¹	
M	Mixed Granite and Clay	
N	Mixed Granite and Concrete	
S	Concrete with recycled glass ²	

Notes:

1. containing recycled aggregates without recycled glass.
2. containing recycled aggregates with recycled glass.

2.7.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
PX	Pavement polygon

2.8 Non-carriageway Pavement Centreline (NPC)**2.8.1 General**

- (i) The feature covers Pavement Polygon (PP) of Footway, Carpark-Footway, Public Transport Interchange-Footway, Cycle Track, Side/Back Lane and Run-in. The purpose is to record the length of PP with respect to the type of surface material.
- (ii) The spatial data type is line.
- (iii) The NPC shall be drawn more or less along the centre alignment and along the PP.
- (iv) One NPC shall be drawn for each PP.

2.8.2 Attribute Table

Table Name: INV_PL

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of Pavement Polygon e.g. PL0000001	PK	Yes	Varchar2(9)	Para. 1.5 (i)
PG_SFID	Survey Feature Identifier of Pavement (Footway) Polygon e.g. PG0000001	PK	Yes	Varchar2(9)	Para. 2.7
CONT_NO	Contract number for the construction or maintenance works e.g. HY/2012/03		Yes	Varchar2(50)	
SUB_DATE	Date of submission to HyD		Yes	Date	

2.8.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
Not Applicable	

2.9 E&M Pit

2.9.1 General

- (i) E&M Pit feature includes all types of E&M Pits maintained by HyD.
- (ii) The spatial data type is point.
- (iii) It refers to the centre location of the cover of the E&M pit.

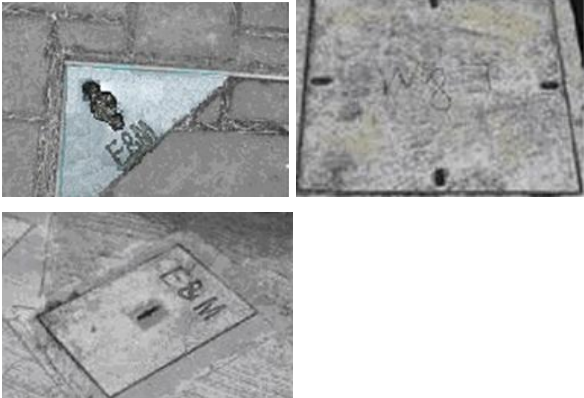
2.9.2 Attribute Table

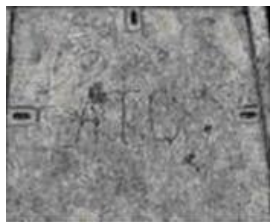
Table Name: INV_EMPIT

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of E&M Pit e.g. EM0000001	PK	Yes	Varchar2(9)	Para.1.5 (i)
LVL	Level of features from ground e.g.-3/-2/-1/0/1/2/3		Yes	Number(2)	Para. 1.5 (ii)
EM_TYPE	Type of E&M pit		Yes	Number (2)	Note (i)
DIM_COVERL	Length of cover in mm e.g. 450		Yes	Number(4)	
DIM_COVERW	Width of cover in mm e.g. 450		Yes	Number(4)	
BEADREQUIR	The pit needs to be filled with polystyrene beads		Yes	Varchar2(1)	Note (ii)
BEADFILLED	The pit is filled with polystyrene beads		Yes	Varchar2(1)	Note (iii)
CONT_NO	Contract number for the construction or maintenance works (e.g. HY/2012/03)		Yes	Varchar2(50)	
PHOTOPATH	Photo pathname and filename			Varchar2(100)	
TIMESTAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass - the record is audited with pass (F)ail – the record is audited with fail (N)o - the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

Notes :

- (i) Domain Code List – EM_TYPE (Type of E&M pit)

Code	Description	Sample Photo(s)
1	E&M	

2	ATC		
3	TCSS		
4	PL		
99	Unknown		

(ii) Domain Code List – BEADREQUIR (The pit needs to be filled with polystyrene beads)

Code	Description
Y	Yes
N	No
#	Unknown

(iii) Domain Code List – BEADFILLED (The pit is filled with polystyrene beads)

Code	Description
Y	Yes
N	No
#	Unknown

2.9.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
EM	E&M pit

2.10 Tree

2.10.1 General

- (i) This feature covers trees growing on the Vegetated Areas of the Highway Registered Slopes or within expressway boundaries or within the project of the contract.
- (ii) The tree to be surveyed refers to a plant with trunk diameter of 95 mm or more at a height of 1.3m above the adjacent ground or root level.
- (iii) The spatial data type is point.
- (iv) It refers to the centre location of the tree trunk at root level.

2.10.2 Attribute Table

Table Name: INV_TR

Field Name	Description	Key	Require	Data type	Remark
SFID	Tree Survey ID e.g. TR0000001	PK	Yes	Varchar2(9)	Para. 1.5 (i)
DBH	Diameter at Breast Height (DBH) in mm e.g. 300		Yes	Number (4)	
HEIGHT	Overall tree height above ground to the top of the tree crown within +/- 0.5m e.g. 3.5		Yes	Number(5,1)	
SPREAD	Tree spread in m			Number(5)	
TR_LEVEL	Level at Tree trunk base (root level location) in mPD e.g. 123.45		Yes	Number (5,2)	
ROOT_LEVEL	(Y)es – tree root level (N)o – tree trunk base level		Yes	Varchar2(1)	Domain ‘YesNo’
FEAT_TYPE	Type of the tree		Yes	Number (2)	Note (i)
SPEC_TYPE	Type of the species		Yes	Number (3)	Note (ii)
DESCRIPT	Description of tree species when SPEC_TYPE=”0”			Varchar2(100)	Chinese character shall be in the form of Unicode.
SLOPE_NO	GEO Slope Number. e.g. 11NW-A/C64			Varchar2(15)	
CONT_NO	Contract number for the construction or maintenance works (e.g. HY/2012/03)		Yes	Varchar2(50)	
PHOTOPATH	Photo pathname and filename			Varchar2(100)	
TIMESTAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass - the record is audited with pass (F)ail – the record is audited with fail (N)o - the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

Notes :

(i) Domain Code List – FEAT_TYPE (Type of the tree)

Code	Description	Sample Photo(s)
1	Old and Valuable Tree	
2	Stonewall Tree	
3	Tree in Tree Monitoring List (maintained by HyD)	
99	Others	

(ii) Domain Code List – SPEC_TYPE (Type of tree species)

Code	Description
-99	Unidentifiable
-1	Dead
0	Tree species other than the category shown in Annex A (Please provide the botanical name and Chinese name of such tree in “DESCRIPT” of the Attribute table “INV_TR”)
Other Domain Code	Refer Annex A

2.10.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
TE	Tree

2.11 Roadside Planter Wall

2.11.1 General

- (i) This feature covers the roadside planter walls maintained by HyD.
- (ii) The spatial data type is line.
- (iii) It refers to the outermost line of the planter wall.

2.11.2 Attribute Table

Table Name: INV_RPW

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of Roadside Barrier or Planter e.g. RP0000001	PK	Yes	Varchar2(9)	Para. 1.5 (i)
FEAT_TYPE	Feature type code e.g. 2 (i.e. – Granite Stone Pitched Surface)		Yes	Number (2)	Note (i)
LENGTH	Graphical length of roadside planter (in metre)		Yes	Number (12,2)	
CONT_NO	Contract number for the construction or maintenance works e.g. HY/2012/03		Yes	Varchar2(50)	
PHOTOPATH	Photo pathname and filename			Varchar2(100)	
TIMESTAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass - the record is audited with pass (F)ail – the record is audited with fail (N)o - the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

Notes :

(i) Domain code list – FEAT_TYPE (Feature Type)

Code	Description	Sample Photo(s)
1	Tile Surface	

2	Granite Stone Pitched Surface	
3	Concrete Surface	
4	Washed Granolithic Surface	
5	Other non-removable roadside planter walls retaining/enclosing planting area	

2.11.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
RW	The alignment of the roadside planter wall

2.12 Slope Planter Wall

2.12.1 General

- (i) The feature covers all planter walls exceeding 0.5m height on Highway Registered Slopes and Highway Unregistered Slopes.
- (ii) The spatial data type is line.
- (iii) It refers to the outermost line of the planter wall.

2.12.2 Attribute Table

Table Name: INV_SPW

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of Slope Planter Wall e.g. PW0000001	PK	Yes	Varchar2(9)	Para. 1.5 (i)
FEAT_TYPE	Feature type code e.g. 2 (i.e. – Granite Stone Pitched Surface)		Yes	Number (2)	Note (i)
LENGTH	Graphical length of slope planter wall (in metre)		Yes	Number (12,2)	
SLOPE_NO	GEO Slope Number for Highway Registered Slope			Varchar2(15)	
HYD_NO	HyD Reference Number for Highway Unregistered Slope			Varchar2(15)	
CONT_NO	Contract number for the construction or maintenance works e.g. HY/2012/03		Yes	Varchar2(50)	
PHOTOPATH	Photo pathname and filename			Varchar2(100)	
TIMESTAMP	Date of Survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass - the record is audited with pass (F)ail – the record is audited with fail (N)o - the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

Notes :

(i) Domain code list – FEAT_TYPE (Feature Type)

Code	Description	Sample Photo(s)
1	Tile Surface	

2	Granite Stone Pitched Surface		
3	Concrete Surface	 	
4	Washed Granolithic Surface		
9	Other		

2.12.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
LW	The alignment of the planter wall exceeding 0.5 m height on Highway Registered Slopes or Highway Unregistered Slopes is to be surveyed.

2.13 Special Paving Panel

2.13.1 General

- (i) The feature covers all the special paving panels maintained by HyD.
- (ii) The spatial data type is polygon.
- (iii) It refers to the outermost limit of the paving panel.

2.13.2 Attribute Table

Table Name: INV_SPP

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of Special Paving Panel e.g. SP0000001	PK	Yes	Varchar2(9)	Para. 1.5 (i)
SPP_NATURE	Nature of the Paving Panel		Yes	Number(2)	Note (i)
DIM_LENGTH	Length of the panel in metre		Yes	Number (4,2)	
DIM_WIDTH	Width of the panel in metre		Yes	Number (4,2)	
MAX_LENGTH	Longitudinal length of the panel in metre along the direction of the footway			Number (4,2)	
HOUSE_NO	House Number			Varchar2(20)	
LVL	Level of features from ground e.g.-3/-2/-1/0/1/2/3		Yes	Number(2)	Para. 1.5 (ii)
CONT_NO	Contract number for the construction or maintenance works (e.g. HY/2012/03)		Yes	Varchar2(50)	
PHOTOPATH	Photo pathname and filename			Varchar2(100)	
TIMESTAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass - the record is audited with pass (F)ail – the record is audited with fail (N)o - the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

Notes :

- (i) Domain code list – SPP_NATURE (Nature of the Paving Panel)

Code	Description	Sample Photo(s)
------	-------------	-----------------

1	Equestrian 2008	   
2	East Asia Games 2009	
3	Paving with House Numbering	    

2.13.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
SPP	Special paving panel

2.14 Tactile Paving

2.14.1 General

- (i) The feature includes all kinds of tactile paving on area maintained by HyD.
- (ii) The spatial data type is line.
- (iii) It refers to the centreline along the tactile paving.

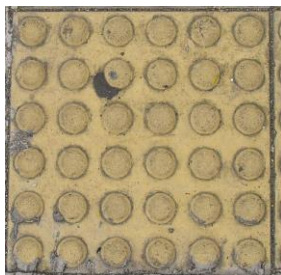
2.14.2 Attribute Table

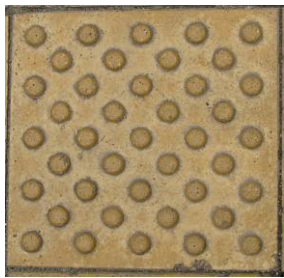
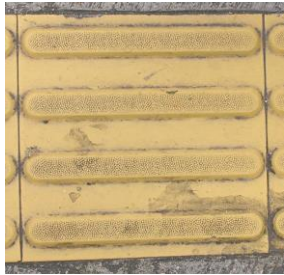
Table Name: INV_TP

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of Tactile Paving e.g. TT0000001	PK	Yes	VarChar2(9)	Para. 1.5 (i)
TP_TYPE	Type of Tactile Paving		Yes	VarChar2(5)	Note (i)
MATERIAL	Type of material of tactile paving		Yes	Number(2)	Note (ii)
GRADIENT	Ramp gradients of the tactile paving e.g. 0.1 (means 1:10)			Number(6,4)	
LOC_TYPE	Type of tactile paving location		Yes	VarChar2(1)	Note (iii)
LVL	Level of features from ground e.g. -3/-2/-1/0/1/2/3		Yes	Number(2)	Para. 1.5 (ii)
CONT_NO	Contract number for the construction or maintenance works (e.g. HY/2012/03)		Yes	Varchar2(50)	
PHOTOPATH	Photo pathname and filename			Varchar2(100)	
TIMESTAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass - the record is audited with pass (F)ail – the record is audited with fail (N)o - the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

Notes :

- (i) Domain code list – TP_TYPE (Type of Tactile Paving)

Code	Description	Sample Photo(s)
HWB	Hazard Warning Block	
HWTS	Hazard Warning Tile/Slab	

PTSB	Positional Tile/Slab/Block	
DTSB	Directional Tile/Slab/Block	

(ii) Domain code list – MATERIAL (Type of Material of Tactile Paving)

Code	Type Description
0	Others
1	Concrete
2	Ceramic
3	Paint Coated Concrete
4	Clay

Remarks: If more than one type of materials are used within a single feature, it is only required to record the dominant type of material.

(iii) Domain code list – LOC_TYPE (Type of Tactile Paving Location)

Code	Description
1	Warning Strip – Drop Kerb
2	Warning Strip – Other
3	Guide Path

2.14.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
TV	Tactile paving

2.15 Street Name Plate

2.15.1 General

- (i) The feature covers all form of street name plates, with or without building numbers, maintained by HyD.
- (ii) Coloured street name plates and street name plates mounted with other traffic sign in a multiple sign post manner are included under the Street Name Plate inventory.
- (iii) Reference should also be made to Highways Standard Drawings and Guidance Notes on “Installation of New Street Name Plates Inscribed with Building Numbers” (RD/GN031B) for more information on the feature.
- (iv) The spatial data type is point.

2.15.2 Attribute Table

Table Name: INV_SNP

Field Name	Description	Key	Require	Data Type	Remark
SFID	Survey Feature Identifier of street name plate e.g. SN0000001	PK	Yes	Varchar2(9)	Para. 1.5 (i)
LVL	Level of features from ground e.g. -3/-2/-1/0/1/2/3		Yes	Number (2)	Para. 1.5 (ii)
ROAD_NAME	Street Name		Yes	Varchar2(50)	
POST_DIA	External nominal diameter of post (in mm)		Yes	Number (3)	Input "0" in case the post diameter is not applicable, eg. wall mount, sign gantry etc
ACT_LENGTH	Measured length of SNP (in mm) e.g. 820		Yes	Number (4)	
ACT_HEIGHT	Measured height above ground at the middle of the plate bottom (in mm) e.g. 2100		Yes	Number (4)	
PLATE_ADDR	House number adjacent to the SNP e.g. 123A			Varchar2(20)	
MOUNT_TYPE	Type of mounting e.g. A2		Yes	Varchar2(2)	Note (i)
FACE_TYPE	Face type C = Facing Carriageway F = Facing Footway B = Facing Both Carriageway and Footway		Yes	Varchar2(1)	
COLOUR	Colour type e.g. 0 – black and white			Number (2)	Note (ii)
ARROW	Actual number of arrow per face 0= No arrow L= Left arrow only R= Right arrow only 2= Both left & right arrows		Yes	Varchar2(1)	
BLDG_NO_L	Building number displayed on left of the carriageway-facing plate (If FACE_TYPE = “F”, number on footway facing plate will be used)			Varchar2(20)	
BLDG_NO_R	Building number displayed on right of			Varchar2(20)	

GIS Specifications for Engineering Surveys of Highways Department (Version 2.0)

	the carriageway-facing plate (If FACE_TYPE = "F", number on footway facing plate will be used)				
OLD_PLATE	Old plate indicator (Y)es -old plate (N)o -new plate		Yes	Varchar2(1)	
EASTING	X coordinates of the sign (midpoint of the sign for existing support) (in m) e.g. 821355.5		Yes	Number (15,3)	
NORTHING	Y coordinates of the sign (midpoint of the sign for existing support) (in m) e.g. 822455.0		Yes	Number (15,3)	
ROTATION	Orientation facing carriageway (In smallest value of whole circle bearing in degree)		Yes	Number (10,1)	Note (iii)
PHOTO_FILE	Photo pathname and filename		Yes	Varchar2(40)	Note (iv)
PHOTO_DATE	Date of Photo taken		Yes	Date	
CONT_NO	Contract number for the construction or maintenance works (e.g. HY/2012/03)		Yes	Varchar2(50)	
TIMESTAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass - the record is audited with pass (F)ail – the record is audited with fail (N)o - the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

Notes:

(i) Domain code list – MOUNT_TYPE (Type of mounting)

Code	Description
A1	Self Mount
A2	Self Mount on Tubular Railing
A3	Mounting on Tubular Railing
A4	Wall Mount (not T shaped)
A5	Mounting on Ornamental Railing
A6	Mounting on Type 2 Railing
A7	Wall Mount (T-Shape)
B1	New support, centre-mounted
B2	Multi-sign support, centre-mounted
B3	New support, cantilever-mounted
B4	Multi-sign support, cantilever-mounted
O	Others

(ii) Domain code list – COLOUR (Colour of the Text on Street Name Plate)

Code	Description
0	Black

1	Forest Green
2	Cardinal Red
3	Burgandy
4	Deep Mahogany Brown
5	Dark Green
6	Russet Brown
7	Bottle Green
8	Others

- (iii) The rotation of the SNP feature is defined as the clockwise angle from true north (i.e. whole circle bearing) to the sign face of SNP to the nearest 10 degree. A SNP facing north would mean that rotation is 90 degree
- (iv) Photo file should be prepared in .pdf format. The filename for the photo file shall adopt the SNP_SID.

2.15.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
SNP	The street name plate feature shall be represented by the position of the post for single post support and cantilever mount; or the midpoint of the posts for existing support.

2.16 Traffic Sign

2.16.1 General

- (i) Traffic sign feature includes, but not limited to, all types of traffic signs, directional signs and tunnel signs maintained by HyD.
- (ii) Reference should be made to the Transport Planning and Design Manual (TPDM), Transport Department's drawings series CT174/51-1, CT174/51-2 and CT174/51-3, TD drawings on individual traffic sign and Digitized Traffic Aids Drawing Standard for more information on the feature.
- (iii) A traffic sign feature is defined by its sign type. If there is more than one sign or type of sign (e.g. traffic sign and directional sign) on a signpost(s), a separate inventory for each sign is required.
- (iv) The spatial data type is point.
- (v) The position of the point represents the location of the sign plate. Midpoint of the posts along the sign face shall be adopted to represent large signs with multiple posts. Each signpost may have one or more traffic sign(s).

2.16.2 Attribute Table

Table Name: INV_TS

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of sign plate e.g. TP0000001	PK	Yes	Varchar2(9)	Para. 1.5 (i)
LVL	Level of features from ground e.g. -3/-2/-1/0/1/2/3		Yes	Number(2)	Para. 1.5 (ii)
TS_CODE	Directional Sign Code or Traffic sign code (TD)		Yes	Varchar2(50)	
SIGN_TYPE	Type of sign		Yes	Number (2)	Note (i)
DIRECTION	Direction which that plate is facing (In smallest value of whole circle bearing in 10 degree) e.g. 60.0		Yes	Number (10,1)	Note (ii)
POST_ID	Sign post ID or Lamp post number e.g. TS0000407, EA2214		Yes	Varchar2(10)	Note (iii)
ROUTE_NO	Strategic Route Number (For chainage marker only)			Number(2)	
CHAINAGE	Chainage (in km) (For chainage marker only)			Number (5,3)	
BOUND	Traffic Bound NB = North Bound SB = South Bound EB = East Bound WB = West Bound (For chainage marker only)			Char(2)	
TYPE	Type of plate 1 = km interval (850x700) 2 = 0.1km interval (425x325) 3 = 0.1km interval (325x175) (For chainage marker only)			Number(1)	
MOUNTING	Mounting Type 1 = Pole 2 = Side of profile barrier 3 = Side of Beam barrier (For chainage marker only)			Number(1)	

GIS Specifications for Engineering Surveys of Highways Department (Version 2.0)

TUN_CODE	Tunnel code (For tunnel chainage marker only)			Varchar2(4)	Note (iv)
CONT_NO	Contract number for the construction or maintenance works (e.g. HY/2012/03)		Yes	Varchar2(50)	
PHOTOPATH	Photo pathname and filename			Varchar2(100)	
TIMESTAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass – the record is audited with pass (F)ail – the record is audited with fail (N)o – the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

Notes:

- (i) Domain code list – SIGN_TYPE (Type of Sign)

Code	Description
1	Traffic sign plate
2	Directional sign plate

- (ii) The direction of the sign is defined as the clockwise angle from true north (i.e. Whole circle bearing) to the direction where the sign is facing to the nearest 10 degree. A sign facing north would mean that the sign direction is zero degree.
- (iii) The identifier of a new sign post feature (POST_ID) is defined as TSNNNNNNNN where “TS” is a prefix and N is a sequential number: (e.g. TS0000407).
- If a sign is mounted on a traffic light post, the POST_ID of the traffic light post shall be assigned using the above definition, with the first number assigned as 9 (e.g. TS9000407).
 - If a sign is mounted on a street name plate, the POST_ID shall be assigned as 7 (e.g. TS7000407)).
 - If a sign is mounted on at rail /fence, the POST_ID shall be assigned as 8 (e.g. TS8000407)).
 - If a sign is mounted on a lamp post, the POST_ID shall be the lamp post number as marked on the lamp post. Lighting Division of HyD should be consulted to confirm the lamp post number if required.
 - TD Drawings series CT174/51-1, CT174/51-2 and CT174/51-3, TD drawings on individual traffic sign and Traffic Aids Drawings shall be referred to for the domain value of TS_CODE. For non-standard directional sign where TS_CODE is not available, TS_CODE shall be assigned as “-99”.

(iv) Domain code list –TUN_CODE (Tunnel code)

Code	Description
ABT	Aberdeen Tunnel
CTT	Cheung Tsing Tunnel
CHT	Cross Harbour Tunnel
DBT	Discovery Bay Tunnel
ENT	Eagle's Nest Tunnel
EHC	Eastern Harbour Crossing
KT	Kai Tak Tunnel
LRT	Lion Rock Tunnel
NWT	Nam Wan Tunnel
SHT	Sha Tin heights Tunnel
SMT	Shing Mun Tunnel
TLT	Tai Lam Tunnel
TWT	Tai Wai Tunnel
TCT	Tate's Cairn Tunnel
TKT	Tseung Kwan O Tunnel
WHC	Western Harbour Crossing

2.16.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
SP	The position of the traffic sign represents the location of the sign plate. Midpoint of the posts along the sign face shall be adopted to represent large signs with multiple posts. Each signpost may have one or more traffic sign(s).
BB	The position of the directional sign represents the location of the sign plate. Midpoint of the posts along the sign face shall be adopted to represent large signs with multiple posts.
ECM	Strategic route chainage marker
TCM	Tunnel chainage marker

2.17 Visitor Sign**2.17.1 General**

- (i) The feature includes all kinds of visitor signs that have been handed over to and maintained by HyD.
- (ii) The spatial data type is point.
- (iii) It refers to the position of the visitor sign post.

2.17.2 Attribute Table

Table Name: INV_VS

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of visitor sign e.g. VS0000001	PK	Yes	Varchar2(9)	Para. 1.5 (i)
LVL	Level of features from ground e.g.-3/-2/-1/0/1/2/3		Yes	Number(2)	Para. 1.5 (ii)
PHOTO_FILE	Photo filename		Yes	Varchar2(50)	
CONT_NO	Contract number for the construction or maintenance works (e.g. HY/2012/03)		Yes	Varchar2(50)	
TIMESTAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass - the record is audited with pass (F)ail – the record is audited with fail (N)o - the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

2.17.3 Supplementary Notes to the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
VS	Visitor sign post

2.18 Barrier Fence

2.18.1 General

- (i) Barrier Fence includes all types of beam barrier, parapet, fencing and concrete profile barrier.
- (ii) Reference can be made to the Transport Planning and Design Manual (TPDM), HyD standard drawings for more information on the feature.
- (iii) A Barrier Fence feature is defined by its types. For example, 2 consecutive sections of concrete profile barrier and beam barrier will be considered as 2 Barrier Fence features.
- (iv) The spatial data type is line.
- (v) It refers to the centre line of the barrier fence.

2.18.2 Attribute Table

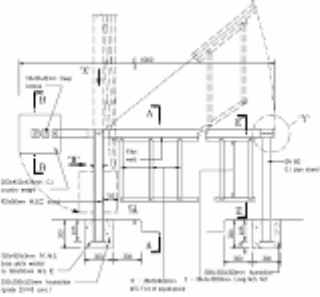
Table Name: INV_BF

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of barrier fences e.g. BF0000001	PK	Yes	Varchar2(9)	Para. 1.5 (i)
BARR_TYPE	Type of Barrier Fences		Yes	Number(2)	Note (i)
LENGTH	Graphical Length of railing (in metre) (or nominal diameter for single bollard)		Yes	Number (12,2)	
LVL	Level of features from ground e.g.-3/-2/-1/0/1/2/3		Yes	Number(2)	Para. 1.5 (ii)
CONT_NO	Contract number for the construction or maintenance works (e.g. HY/2012/03)		Yes	Varchar2(50)	
PHOTOPATH	Photo pathname and filename			Varchar2(100)	
TIMESTAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass - the record is audited with pass (F)ail – the record is audited with fail (N)o - the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

Notes :

- (i) Domain code list – BARR_TYPE (Type of Barrier Fences)

Code	Description	Sample Photo(s)
10	Concrete Profile Barrier	

11	Barrier for Central Dividing Strips	  Extracted from H2109
13	Untensioned Corrugated Beam Barrier	
14	Thrie Beam Barrier	
15	Parapet	 
16	Fence	

20	Stand Alone Traffic Lane Dividing Granite Kerb		
21	Stand Alone Traffic Lane Dividing Concrete Kerb		
22	Stand Alone Traffic Lane Dividing Rubber Kerb		
24	Traffic Cylinder		
25	Others Barrier		

2.18.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
BK	Barrier fence
FX, FC	Fence (straight, curve)

2.19 Railing

2.19.1 General

- (i) Railing includes all types of railing and bollard.
- (ii) A railing feature is defined by the type of railing. For example, 2 consecutive sections of Type 1 and Type 2 railings respectively will be considered as 2 railing features.
- (iii) For multiple amenities railings in a section of footway, the line of the railing feature shall include the space between consecutive amenities railings.
- (iv) For multiple bollards in a section of footway, the line of the railing feature shall include the space between bollards. For a standalone bollard, the line shall represent the nominal diameter of the bollard.
- (v) Reference should be made to the Transport Planning and Design Manual (TPDM) and HyD standard drawings for more information on the feature.
- (vi) The spatial data is line.
- (vii) It refers to the centre line of the railing.

2.19.2 Attribute Table

Table Name: INV_RAIL

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of railing e.g. RL0000001	PK	Yes	Varchar2(9)	Para. 1.5 (i)
LVL	Level of features from ground e.g. -3/-2/-1/0/1/2/3		Yes	Number(2)	Para. 1.5 (ii)
RAIL_TYPE	Type of railing		Yes	Number (2)	Note (i)
LENGTH	Graphical Length of railing (in metre) (or nominal diameter for single bollard)		Yes	Number (12,2)	
CONT_NO	Contract number for the construction or maintenance works (e.g. HY/2012/03)		Yes	Varchar2(50)	
PHOTOPATH	Photo pathname and filename			Varchar2(100)	
TIME STAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass - the record is audited with pass (F)ail - the record is audited with fail (N)o - the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

Notes:

- (i) Domain code list – RAIL_TYPE (Type of Railing)

Code	Description	Sample Photo(s)
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8	Hand Railing of Bus Shelter	
26	Decorative Railing	  
27	Removable Railing	
28	Decorative Bollard	  
9	Other Railing	

2.19.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
RX, RC	Railing (straight, curve)
BOL	Bollard railing

2.20 Crash Cushion**2.20.1 General**

- (i) Crash Cushion is a type of barrier as defined in Transport Planning and Design Manual (TPDM).
- (ii) The spatial data type is line.
- (iii) It refers to the centre line along the traffic direction, drawing from the nosing to end of the crash cushion system.

2.20.2 Attribute Table

Table Name: INV_CC

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of Crash Cushion e.g. CC0000001	PK	Yes	Varchar2(9)	Para. 1.5 (i)
LVL	Level of features from ground e.g. -3/-2/-1/0/1/2/3		Yes	Number(2)	Para. 1.5 (ii)
LENGTH	Graphical Length of crash cushion		Yes	Number (12,2)	
MANUFACT	Manufacturer		Yes	Varchar2(80)	
CONT_NO	Contract number for the construction or maintenance works (e.g. HY/2012/03)		Yes	Varchar2(50)	
PHOTOPATH	Photo pathname and filename			Varchar2(100)	
TIMESTAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass - the record is audited with pass (F)ail – the record is audited with fail (N)o - the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

2.20.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
CR	Crash cushion

2.21 Emergency Gate**2.21.1 General**

- (i) The Emergency Gate features include all sorts of emergency crash gates, movable steel barrier, removable concrete barrier and EVA gate at emergency openings maintained by HyD.
- (ii) Reference should be made to the Transport Planning and Design Manual (TPDM) and HyD standard drawings for more information on the feature.
- (iii) For multiple emergency gates in an emergency opening, one single feature can be used and the line shall include the space between consecutive emergency gates.
- (iv) The line (and the length) shall refer to the top of the emergency gates.
- (v) The spatial data type is line.
- (vi) It refers to the centre line of the emergency gate.

2.21.2 Attribute Table

Table Name: INV_EG

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of emergency gate e.g. EG0000001	PK	Yes	Varchar2(9)	Para. 1.5 (i)
LVL	Level of features from ground e.g.-3/-2/-1/0/1/2/3		Yes	Number(2)	Para. 1.5 (ii)
EG_TYPE	Type of Emergency gate		Yes	Number (2)	Note (i)
LENGTH	Graphical Length of Emergency gate		Yes	Number (12,2)	
CONT_NO	Contract number for the construction or maintenance works (e.g. HY/2012/03)		Yes	Varchar2(50)	
PHOTOPATH	Photo pathname and filename			Varchar2(100)	
TIMESTAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass - the record is audited with pass (F)ail – the record is audited with fail (N)o - the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

Notes :

(i) Domain code list – EG_TYPE (Type of Emergency Gate)

Code	Description	Sample Photo(s)
18	Emergency Crash Gate	
29	Movable Steel Barrier	
30	Removable Concrete Barrier	
31	EVA Gate	
32	Other Emergency Gate	

2.21.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
EG	Emergency gate

2.22 Noise Barrier (at grade and not exceeding 3m high) (NB)

2.22.1 General

- (i) The feature includes all the Noise Barriers that are at grade and do not exceeding 3m high. Noise barriers on structure or noise barrier with Structure number as defined in Section 3.5 shall be included as Structure feature.
- (ii) Reference should be made on the Guidelines on Design of Noise Barrier for more information on the feature.
- (iii) A NB feature is defined by its types. For example, 2 consecutive sections of Reflective and Mixed type Noise Barriers will be considered as 2 NB features.
- (iv) The spatial data type is line.
- (v) It refers to the centre alignment of the noise barrier at base level.

2.22.2 Attribute Table

Table Name: INV_NB

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of noise barrier e.g. NB0000001	PK	Yes	Varchar2(9)	Para. 1.5 (i)
NB_TYPE	Type of noise barrier		Yes	Number (2)	Note (i)
LENGTH	Graphical Length of noise barrier		Yes	Number (12,2)	
CONT_NO	Contract number for the construction or maintenance works (e.g. HY/2012/03)		Yes	Varchar2(50)	
PHOTOPATH	Photo pathname and filename			Varchar2(100)	
TIMESTAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD			Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass - the record is audited with pass (F)ail – the record is audited with fail (N)o - the record is not audited			Varchar2(1)	Para. 1.5 (iii)
AUDIT_DATE	Date of audit			Date	

Notes:

- (i) Domain code list – NB_TYPE (Type of Noise Barrier)

Code	Description	Sample Photo(s)
1	Reflective	

2	Absorptive		
3	Earth landscape mound and retaining structures		
4	Mixed		

2.22.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Code	Feature	Description
NX, NC		Noise barrier (straight, curve)

2.23 Drop Kerb**2.23.1 General**

- (i) Drop Kerb feature includes, but not limited to, all types of drop kerbs maintained by HyD.
- (ii) The line of the drop kerb shall be the extent of the drop kerb along the kerb line of the footway or refuge island.
- (iii) The spatial data type is line.

2.23.2 Attribute Table

Table Name: INV_DK

Field Name	Description	Key	Require	Data type	Remark
SFID	Survey Feature Identifier of Drop Kerb e.g. DK0000001	PK	Yes	Varchar2 (9)	Para. 1.5 (i)
LVL	Level of features from ground e.g.-3/-2/-1/0/1/2/3		Yes	Number(2)	Para. 1.5 (ii)
CONT_NO	Contract number for the construction or maintenance works (e.g. HY/2012/03)		Yes	Varchar2 (50)	
PHOTOPATH	Photo pathname and filename			Varchar2(100)	
TIMESTAMP	Date of survey		Yes	Date	
SUB_DATE	Date of submission to HyD		Yes	Date	
SVY_AUDIT	Indicator for survey audit of the record (P)ass - the record is audited with pass (F)ail – the record is audited with fail (N)o - the record is not audited			Varchar2 (1)	
AUDIT_DATE	Date of audit			Date	

2.23.3 Reference survey feature code used in the “Drafting Specifications for Engineering Survey”

Survey Feature Code	Description
DK	Drop kerb

3. Annex A

Domain code list of the attribute “SPEC_TYPE” (type of the species) of the Table “INV_TR” (Tree)

Code	Description	Chinese Name
1	<i>Acacia auriculiformis</i>	耳果相思(耳葉相思)
2	<i>Acacia confusa</i>	台灣相思
3	<i>Acacia dealbata</i>	銀荊
4	<i>Acacia holosericea</i>	絹毛相思
5	<i>Acacia mangium</i>	大葉相思(馬占相思)
6	<i>Acacia</i> spp.	-
7	<i>Acer buergerianum</i>	三角槭
8	<i>Acer palmatum</i>	日本槭(雞爪槭)
9	<i>Acer sino-oblongum</i>	濱海槭
10	<i>Acer</i> spp.	-
11	<i>Acer tutcheri</i>	嶺南槭
12	<i>Acmena acuminatissima</i>	肖蒲桃
13	<i>Acmena</i> 'Doubloon'	紅車(千頭肖蒲桃)
14	<i>Acronychia pedunculata</i>	山油柑(降真香)
15	<i>Adenanthera microsperma</i> (syn. <i>Adenanthera pavonina</i> var. <i>microsperma</i>)	海紅豆
16	<i>Adina pilulifera</i>	水團花
17	<i>Adinandra millettii</i>	黃瑞木
18	<i>Aegle marmelos</i>	木橘(尚木蘋果)
19	<i>Aesculus californica</i>	加州七葉樹
20	<i>Aesculus chinensis</i>	七葉樹
21	<i>Agathis dammara</i>	貝殼杉(昆士蘭貝殼杉)
22	<i>Aglaia odorata</i>	米仔蘭
23	<i>Aidia canthioides</i>	香楠(山黃皮)
24	<i>Ailanthus fordii</i>	福氏臭椿(常綠臭椿)
25	<i>Alangium chinense</i>	八角楓
26	<i>Albizia chinensis</i>	楹樹
27	<i>Albizia julibrissin</i>	合歡
28	<i>Albizia lebbek</i>	大葉合歡
29	<i>Albizia lucidior</i>	光葉合歡
30	<i>Albizia procera</i>	黃豆樹
31	<i>Albizia saman</i>	雨樹(雨豆樹)
32	<i>Albizia</i> spp.	-
33	<i>Aleurites moluccana</i>	石栗
34	<i>Alnus japonica</i>	水柯子(赤楊)
35	<i>Alsophila spinulosa</i>	刺桫欏

GIS Specifications for Engineering Surveys of Highways Department (Version 2.0)

Code	Description	Chinese Name
36	<i>Alstonia scholaris</i>	糖膠樹
37	<i>Altingia chinensis</i>	阿丁楓(蕁樹)
38	<i>Amentotaxus argotaenia</i>	穗花杉
39	<i>Annona glabra</i>	圓滑番荔枝
40	<i>Annona squamosa</i>	番荔枝
41	<i>Antidesma bunius</i>	五月茶
42	<i>Antidesma fordii</i>	黃毛五月茶
43	<i>Antidesma ghaesembilla</i>	方葉五月茶
44	<i>Antidesma japonicum</i>	日本五月茶
45	<i>Antirhea chinensis</i>	毛茶
46	<i>Aphananthe cuspidata</i> (syn. <i>Gironniera nitida</i>)	滇糙葉樹(坡命工)
47	<i>Aporosa dioica</i>	銀柴
48	<i>Aquilaria sinensis</i>	土沉香(牙香樹)
49	<i>Aralia armata</i>	虎刺楸木
50	<i>Aralia chinensis</i>	楸木
51	<i>Araucaria bidwillii</i>	大葉南洋杉(塔杉)
52	<i>Araucaria cunninghamii</i>	南洋杉(花旗杉)
53	<i>Araucaria heterophylla</i>	異葉南洋杉(南洋杉)
54	<i>Archidendron clypearia</i> (syn. <i>Abarema clypearia</i>)	猴耳環
55	<i>Archidendron lucidum</i>	亮葉猴耳環
56	<i>Archidendron</i> spp.	-
57	<i>Archontophoenix alexandrae</i>	假檳榔
58	<i>Ardisia quinqueгона</i>	羅傘樹
59	<i>Areca catechu</i>	檳榔
60	<i>Areca triandra</i>	三藥檳榔
61	<i>Arenga engleri</i>	山棕(白欖王)
62	<i>Arenga pinnata</i>	桄榔
63	<i>Artocarpus altilis</i>	麵包樹
64	<i>Artocarpus heterophyllus</i> (syn. <i>Artocarpus macrocarpon</i>)	菠蘿蜜
65	<i>Artocarpus hypargyreus</i>	白桂木
66	<i>Artocarpus nitidus</i> subsp. <i>lingnanensis</i>	桂木(紅桂木)
67	<i>Artocarpus</i> spp.	-
68	<i>Artocarpus tonkinensis</i>	胭脂樹
69	<i>Astrocaryum jauari</i>	
70	<i>Averrhoa carambola</i>	楊桃
71	<i>Bambusa multiplex</i>	孝順竹(蓬來竹)
72	<i>Bambusa</i> spp.	-
73	<i>Bambusa tuldoidea</i>	青稈竹(花眉竹)
74	<i>Bambusa ventricosa</i>	佛肚竹
75	<i>Bambusa vulgaris</i> 'Vittata'	黃金間碧竹
76	<i>Bauhinia acuminata</i>	矮白花羊蹄甲
77	<i>Bauhinia galpinii</i>	嘉氏羊蹄甲
78	<i>Bauhinia purpurea</i>	紅花羊蹄甲

GIS Specifications for Engineering Surveys of Highways Department (Version 2.0)

Code	Description	Chinese Name
79	<i>Bauhinia</i> spp.	-
80	<i>Bauhinia tomentosa</i>	黃花羊蹄甲
81	<i>Bauhinia variegata</i>	宮粉羊蹄甲
82	<i>Bauhinia variegata</i> var. <i>candida</i>	白花羊蹄甲
83	<i>Bauhinia</i> x <i>blakeana</i>	洋紫荊
84	<i>Beaucarnea recurvata</i>	酒瓶蘭
85	<i>Bischofia javanica</i>	秋楓
86	<i>Bischofia polycarpa</i>	重陽木
87	<i>Bischofia</i> spp.	-
88	<i>Bismarckia nobilis</i>	霸王棕
89	<i>Bixa orellana</i>	紅木
90	<i>Bombax ceiba</i>	木棉
91	<i>Bombax</i> spp.	-
92	<i>Bougainvillea glabra</i> 'Variegata'	花葉簕杜鵑
93	<i>Bougainvillea spectabilis</i>	光葉子花 (簕杜鵑)
94	<i>Brachychiton acerifolius</i>	槭葉蘋婆
95	<i>Brachychiton discolor</i>	澳洲蘋婆
96	<i>Brachychiton rupestris</i>	昆士蘭瓶子樹
97	<i>Brachychiton</i> spp.	-
98	<i>Bridelia tomentosa</i>	土蜜樹(逼迫仔)
99	<i>Broussonetia papyrifera</i>	構樹(穀木)
100	<i>Brownea grandiceps</i>	繡球樹
101	<i>Caesalpinia pulcherrima</i>	洋金鳳(金鳳花)
102	<i>Caesalpinia sappan</i>	蘇木
103	<i>Callistemon formosus</i>	美麗紅千層
104	<i>Callistemon hybridus</i>	黃金香柳
105	<i>Callistemon rigidus</i>	紅千層
106	<i>Callistemon</i> spp.	-
107	<i>Callistemon viminalis</i>	串錢柳
108	<i>Callistris rhomboidea</i>	菱形美麗柏
109	<i>Callitris cupressiformis</i>	彎垂柏松
110	<i>Callitris robusta</i>	柏松
111	<i>Calocedrus macrolepis</i>	翠柏
112	<i>Camellia crapnelliana</i>	紅皮糙果茶(克氏茶)
113	<i>Camellia granthamiana</i>	大苞山茶(葛量洪茶)
114	<i>Camellia hongkongensis</i>	香港茶
115	<i>Camellia japonica</i>	山茶
116	<i>Camellia salicifolia</i>	柳葉茶
117	<i>Camellia</i> spp.	-
118	<i>Camptotheca acuminata</i>	喜樹
119	<i>Cananga odorata</i>	依蘭(依蘭香)
120	<i>Canarium album</i>	橄欖(白欖)
121	<i>Canarium tramdenum</i>	烏欖

GIS Specifications for Engineering Surveys of Highways Department (Version 2.0)

Code	Description	Chinese Name
122	<i>Canthium dicocum</i>	魚骨木
123	<i>Carallia brachiata</i>	竹節樹
124	<i>Carica papaya</i>	番木瓜
125	<i>Caryota maxima</i> (syn. <i>Caryota ochlandra</i>)	魚尾葵
126	<i>Caryota mitis</i>	短穗魚尾葵(小魚尾葵)
127	<i>Caryota obtusa</i>	檳棕
128	<i>Caryota rumphiana</i>	
129	<i>Caryota urens</i>	董棕(大魚尾葵)
130	<i>Cassia fistula</i>	臘腸樹(豬腸豆)
131	<i>Cassia javanica</i>	爪哇決明
132	<i>Cassia javanica</i> var. <i>indochinensis</i>	節果決明
133	<i>Cassia roxburghii</i>	紅花決明(紅桂木)
134	<i>Cassia roxburghii</i> 'Marginata'	紅槐
135	<i>Cassia speciosa</i>	大葉黃槐
136	<i>Cassia spectabilis</i>	美國槐(美麗決明)
137	<i>Castanopsis carlesii</i>	米槠
138	<i>Castanopsis concinna</i>	華南錐
139	<i>Castanopsis eyrei</i>	甜槠
140	<i>Castanopsis fabri</i>	羅浮錐
141	<i>Castanopsis fargesii</i>	栲
142	<i>Castanopsis fissa</i>	鰲蒴錐(裂斗錐栗)
143	<i>Castanopsis fordii</i>	毛錐
144	<i>Castanopsis kawakamii</i>	吊皮錐
145	<i>Castanopsis lamontii</i>	鹿角錐
146	<i>Castanopsis sclerophylla</i>	苦槠
147	<i>Castanopsis</i> spp.	-
148	<i>Castanosporum australe</i>	澳洲豆樹
149	<i>Casuarina cunninghamia</i>	細枝木麻黃
150	<i>Casuarina equisetifolia</i>	木麻黃
151	<i>Casuarina stricta</i>	牛尾松
152	<i>Catunaregam spinosa</i> (syn. <i>Randia spinosa</i>)	山石榴(山蒲桃)
153	<i>Cedrus deodara</i>	雪松
154	<i>Ceiba pentandra</i>	吉貝(美洲木棉)
155	<i>Celtis philippinensis</i>	大果油朴(大朴)
156	<i>Celtis sinensis</i>	朴樹
157	<i>Celtis timorensis</i>	假玉桂(樟葉朴)
158	<i>Cerbera manghas</i>	海芒果
159	<i>Cercis chinensis</i>	紫荊
160	<i>Chamaecyparis obtusa</i>	日本扁柏
161	<i>Chamaecyparis pisifera</i> 'Squarrosa'	絨柏(雲松)
162	<i>Chamaedorea elegans</i>	袖珍椰子
163	<i>Choerospondias axillaris</i>	南酸棗(酸棗)
164	<i>Chorisia insignis</i>	白花絲木棉

GIS Specifications for Engineering Surveys of Highways Department (Version 2.0)

Code	Description	Chinese Name
165	<i>Chorisia speciosa</i>	絲木棉(美人樹)
166	<i>Chukrasia tabularis</i>	麻楝
167	<i>Cinnamomum aromaticum</i> (syn. <i>Cinnamomum cassia</i>)	肉桂
168	<i>Cinnamomum burmannii</i>	陰香
169	<i>Cinnamomum camphora</i>	樟
170	<i>Cinnamomum parthenoxylon</i>	黃樟
171	<i>Citrus limonia</i>	黎檬
172	<i>Citrus maxima</i>	柚
173	<i>Citrus reticulata</i>	柑橘
174	<i>Citrus sinensis</i>	甜橙(橙)
175	<i>Citrus x paradisi</i>	葡萄柚(西柚)
176	<i>Claoxylon indicum</i>	白桐樹(丟了捧)
177	<i>Claoxylon</i> spp.	-
178	<i>Clausena lansium</i>	黃皮
179	<i>Cleidiocarpum cavaleriei</i>	蝴蝶果
180	<i>Cleistocalyx nervosum</i>	水翁
181	<i>Clerodendrum quadriloculare</i>	煙火樹
182	<i>Cocos nucifera</i>	椰子
183	<i>Cordia dichotoma</i>	破布木
184	<i>Cordia sebestena</i>	紅花破布木
185	<i>Cordia</i> spp.	-
186	<i>Crateva</i> spp.	-
187	<i>Crateva trifoliata</i>	鈍葉魚木
188	<i>Crateva unilocularis</i>	樹頭菜(魚木)
189	<i>Cratogeomys cochinchinense</i>	黃牛木
190	<i>Crescentia alata</i>	十字架樹
191	<i>Cryptocarya chinensis</i>	厚殼桂
192	<i>Cryptomeria japonica</i>	日本柳杉
193	<i>Cunninghamia lanceolata</i>	杉木
194	<i>Cupressus funebris</i>	柏木(垂柏)
195	<i>Cupressus sempervirens</i>	地中海柏木
196	<i>Cupressus</i> spp.	-
197	<i>Cycas media</i>	澳洲蘇鐵
198	<i>Cycas revoluta</i>	蘇鐵
199	<i>Cyclobalanopsis blakei</i>	櫟子青岡
200	<i>Cyclobalanopsis championii</i>	嶺南青岡
201	<i>Cyclobalanopsis chungii</i>	福建青岡
202	<i>Cyclobalanopsis edithiae</i>	華南青岡
203	<i>Cyclobalanopsis glauca</i>	青岡
204	<i>Cyclobalanopsis hui</i>	雷公青岡
205	<i>Cyclobalanopsis litseoides</i>	木薑葉青岡
206	<i>Cyclobalanopsis myrsinifolia</i> (syn. <i>Quercus myrsinifolia</i>)	小葉青岡
207	<i>Cyclobalanopsis neglecta</i> (syn. <i>Quercus bambusifolia</i>)	竹葉青岡

GIS Specifications for Engineering Surveys of Highways Department (Version 2.0)

Code	Description	Chinese Name
208	<i>Cyclobalanopsis</i> spp.	-
209	<i>Dacrycarpus imbricatus</i>	雞毛松
210	<i>Dalbergia odorifera</i>	降香黃檀
211	<i>Dalbergia assamica</i> (syn. <i>Dalbergia balansae</i>)	南嶺黃檀
212	<i>Dalbergia sissoo</i>	印度黃檀
213	<i>Daphniphyllum calycinum</i>	牛耳楓
214	<i>Daphniphyllum oldhamii</i>	虎皮楠
215	<i>Davidia involucrata</i>	珙桐
216	<i>Decaspermum gracilentum</i>	子棟樹(桑枝米碎葉)
217	<i>Delonix regia</i>	鳳凰木
218	<i>Delonix</i> spp.	-
219	<i>Desmos chinensis</i>	假鷹爪
220	<i>Dicksonia antarctica</i>	塔斯馬尼亞蚌殼蕨
221	<i>Dillenia alata</i> (syn. <i>Wormia alata</i>)	厚葉黃花樹
222	<i>Dillenia indica</i>	五桠果(第倫桃)
223	<i>Dimocarpus longan</i>	龍眼
224	<i>Diospyros eriantha</i>	烏柿
225	<i>Diospyros kaki</i>	柿
226	<i>Diospyros morrisiana</i>	羅浮柿
227	<i>Diospyros tutcheri</i>	嶺南柿
228	<i>Dizygotheca elegantissima</i>	孔雀木
229	<i>Dombeya wallichii</i>	吊芙蓉
230	<i>Dracaena draco</i>	龍血樹
231	<i>Dracaena fragrans</i>	巴西鐵樹
232	<i>Dracaena marginata</i>	紅邊鐵樹
233	<i>Dracontomelon duperreanum</i>	人面子
234	<i>Drypetes roxburghii</i>	藥用核果木
235	<i>Dypsis lutescens</i> (syn. <i>Chrysalidocarpus lutescens</i>)	散尾葵
236	<i>Dysoxylum hongkongense</i>	香港欖木
237	<i>Ehretia acuminata</i>	厚殼樹
238	<i>Ehretia longiflora</i>	長花厚殼樹
239	<i>Elaeis guineensis</i>	油棕
240	<i>Elaeocarpus apiculatus</i>	長芒杜英(尖葉杜英)
241	<i>Elaeocarpus balansae</i>	大葉杜英
242	<i>Elaeocarpus chinensis</i>	中華杜英
243	<i>Elaeocarpus decipiens</i>	杜英
244	<i>Elaeocarpus dubius</i>	顯脈杜英
245	<i>Elaeocarpus hainanensis</i>	水石榕
246	<i>Elaeocarpus japonicus</i>	日本杜英
247	<i>Elaeocarpus nitentifolius</i>	絹毛杜英
248	<i>Elaeocarpus</i> spp.	-
249	<i>Elaeocarpus sylvestris</i>	山杜英(膽八樹)
250	<i>Elaeodendron orientale</i>	福木

GIS Specifications for Engineering Surveys of Highways Department (Version 2.0)

Code	Description	Chinese Name
251	<i>Endospermum chinense</i>	黃桐
252	<i>Engelhardia roxburghiana</i>	黃杞
253	<i>Eriobotrya fragrans</i>	山枇杷(香花枇杷)
254	<i>Eriobotrya japonica</i>	枇杷
255	<i>Erythrina caffra</i>	南非刺桐
256	<i>Erythrina corallodendron</i>	龍牙花
257	<i>Erythrina crista-galli</i>	雞冠刺桐
258	<i>Erythrina indica</i> 'Picta'	花葉刺桐
259	<i>Erythrina speciosa</i>	象牙花
260	<i>Erythrina</i> spp.	-
261	<i>Erythrina variegata</i>	刺桐
262	<i>Eucalyptus calophylla</i>	紅花桉
263	<i>Eucalyptus camaldulensis</i>	赤桉
264	<i>Eucalyptus cinerea</i>	銀葉桉
265	<i>Eucalyptus citriodora</i>	檸檬桉
266	<i>Eucalyptus exserta</i>	窿緣桉
267	<i>Eucalyptus maculata</i>	花皮桉
268	<i>Eucalyptus robusta</i>	大葉桉
269	<i>Eucalyptus saligna</i>	柳葉桉
270	<i>Eucalyptus</i> spp.	-
271	<i>Eucalyptus tereticornis</i>	細葉桉
272	<i>Eucalyptus torelliana</i>	毛葉桉
273	<i>Eucalyptus urophylla</i>	尾葉桉
274	<i>Eugenia oleina</i>	紅心樹
275	<i>Euonymus glaber</i>	光葉衛矛
276	<i>Euphorbia antiquorum</i>	火殃筋
277	<i>Euphorbia continifolia</i>	非洲紅
278	<i>Euphorbia pulcherrima</i>	一品紅(聖誕樹)
279	<i>Eurya brevistyla</i>	短柱柃
280	<i>Eurya chinensis</i>	米碎花 (崗茶)
281	<i>Eurya nitida</i>	細齒葉柃
282	<i>Excoecaria agallocha</i>	海漆
283	<i>Falcataria moluccana</i> (syn. <i>Albizia falcataria</i>)	南洋楹
284	<i>Ficus altissima</i>	高山榕(雞榕)
285	<i>Ficus altissima</i> 'Golden edged'	斑葉高山榕
286	<i>Ficus annulata</i>	環紋榕
287	<i>Ficus benghalensis</i>	印度榕
288	<i>Ficus benjamina</i>	垂葉榕
289	<i>Ficus benjamina</i> 'Comosa'	黃果垂榕
290	<i>Ficus benjamina</i> 'De Gantle'	迪根圖垂榕
291	<i>Ficus benjamina</i> 'Golden Leaf'	黃金垂榕
292	<i>Ficus benjamina</i> var. <i>variegata</i>	花葉垂葉榕
293	<i>Ficus benjamina</i> 'Variegata'	斑葉垂榕

GIS Specifications for Engineering Surveys of Highways Department (Version 2.0)

Code	Description	Chinese Name
294	<i>Ficus benjaminia</i> 'Starlight'	星光垂榕
295	<i>Ficus binnendijkii</i>	阿里垂榕
296	<i>Ficus carica</i>	無花果
297	<i>Ficus celebensis</i>	柳葉榕
298	<i>Ficus concinna</i>	雅榕
299	<i>Ficus diversifolia</i>	槲寄生榕
300	<i>Ficus elastica</i>	印度榕(印度橡樹)
301	<i>Ficus elastica</i> 'Variegata'	花葉印度橡樹
302	<i>Ficus erecta</i> (syn. <i>Ficus erecta</i> var. <i>beeheyana</i>)	天仙果
303	<i>Ficus fistulosa</i>	水同木
304	<i>Ficus henryi</i>	尖葉榕
305	<i>Ficus hispida</i>	對葉榕(牛乳樹)
306	<i>Ficus langkokensis</i>	青藤公
307	<i>Ficus longifolia</i>	長葉榕
308	<i>Ficus lyrata</i>	大琴葉榕
309	<i>Ficus microcarpa</i>	榕樹(細葉榕)
310	<i>Ficus microcarpa</i> 'Golden Leaf'	黃榕
311	<i>Ficus microcarpa</i> 'Yellow Stripe'	黃紋榕
312	<i>Ficus nervosa</i>	凸葉榕(九丁樹)
313	<i>Ficus pandurata</i>	琴葉榕
314	<i>Ficus racemosa</i>	聚果榕
315	<i>Ficus religiosa</i>	菩提樹
316	<i>Ficus rumphii</i>	假菩提樹
317	<i>Ficus</i> spp.	-
318	<i>Ficus subpisocarpa</i>	筆管榕
319	<i>Ficus tinctoria</i> subsp. <i>gibbosa</i>	斜葉榕(水榕)
320	<i>Ficus triangularis</i>	三角榕
321	<i>Ficus variegata</i> (syn. <i>Ficus variegata</i> var. <i>chlorocarpa</i>)	青果榕
322	<i>Ficus variolosa</i>	變葉榕
323	<i>Ficus vasculosa</i>	白肉榕
324	<i>Ficus virens</i> var. <i>sublanceolata</i>	大葉榕(黃葛樹)
325	<i>Firmiana simplex</i>	梧桐
326	<i>Firmiana</i> spp.	-
327	<i>Fokienia hodginsii</i>	福建柏
328	<i>Fraxinus americana</i>	美國灰木
329	<i>Fraxinus chinensis</i>	白蠟樹
330	<i>Fraxinus griffithii</i> (syn. <i>Fraxinus formosana</i>)	光蠟樹(台灣苦檻木)
331	<i>Fraxinus insularis</i> (syn. <i>Fraxinus retusa</i>)	苦檻木
332	<i>Garcinia multiflora</i>	多花山竹子
333	<i>Garcinia oblongifolia</i>	黃牙果(嶺南山竹子)
334	<i>Garcinia spicata</i>	福木
335	<i>Garcinia</i> spp.	-
336	<i>Garcinia subelliptica</i>	菲島福木

GIS Specifications for Engineering Surveys of Highways Department (Version 2.0)

Code	Description	Chinese Name
337	<i>Ginkgo biloba</i>	銀杏(白果樹)
338	<i>Gironniera subaequalis</i>	白顏樹
339	<i>Gleditsia australis</i>	小果皂莢
340	<i>Gleditsia fera</i>	華南皂莢
341	<i>Gleditsia</i> spp.	
342	<i>Glochidion hirsutum</i>	厚葉算盤子
343	<i>Glochidion lanceolarium</i>	艾膠算盤子
344	<i>Glochidion puberum</i>	算盤子
345	<i>Glochidion wrightii</i>	白背算盤子
346	<i>Glochidion zeylanicum</i>	香港算盤子
347	<i>Glyptostrobus pensilis</i>	水松
348	<i>Gmelina arborea</i>	雲南石梓(印度石梓)
349	<i>Gmelina chinensis</i>	石梓(華石梓)
350	<i>Gordonia axillaris</i>	大頭茶
351	<i>Grevillea banksii</i>	紅花銀樺(昆士蘭銀樺)
352	<i>Grevillea robusta</i>	銀樺
353	<i>Grevillea</i> spp.	-
354	<i>Grewia asiatica</i>	山桑
355	<i>Grewia eriocarpa</i>	毛果扁擔桿
356	<i>Heavea brasiliensis</i>	巴西橡膠樹
357	<i>Heritiera angustata</i>	長柄銀葉樹
358	<i>Heritiera littoralis</i>	銀葉樹
359	<i>Heteropanax fragrans</i>	幌傘楓(火通木)
360	<i>Hibiscus mutabilis</i>	木芙蓉(芙蓉花)
361	<i>Hibiscus syriacus</i>	木槿
362	<i>Hibiscus tiliaceus</i>	黃槿
363	<i>Homalium cochinchinensis</i>	天料木
364	<i>Homalium hainanensis</i>	紅花天料木
365	<i>Hovenia acerba</i>	拐棗(枳椇)
366	<i>Howea belmoreana</i>	拱葉棕
367	<i>Howea forsteriana</i>	根地亞葵
368	<i>Hydnocarpus anthelmintica</i>	泰國大風子
369	<i>Hyophorbe lagenicaulis</i>	酒瓶椰子
370	<i>Hyophorbe verschaffeltii</i>	棍棒椰子
371	<i>Ilex asprella</i>	梅葉冬青(秤星樹)
372	<i>Ilex chapaensis</i>	沙壩冬青
373	<i>Ilex cinerea</i>	灰冬青
374	<i>Ilex cornuta</i>	枸骨
375	<i>Ilex ficoidea</i>	榕葉冬青
376	<i>Ilex graciliflora</i>	細花冬青
377	<i>Ilex latifolia</i>	大葉冬青
378	<i>Ilex macrocarpa</i>	大果冬青
379	<i>Ilex memecylifolia</i>	谷木葉冬青

GIS Specifications for Engineering Surveys of Highways Department (Version 2.0)

Code	Description	Chinese Name
380	<i>Ilex pubescens</i>	毛冬青
381	<i>Ilex rotunda</i>	鐵冬青
382	<i>Ilex rotunda</i> var. <i>microcarpa</i>	小果鐵冬青
383	<i>Ilex</i> spp.	-
384	<i>Ilex viridis</i>	綠冬青(亮葉冬青)
385	<i>Itea chinensis</i>	鼠刺(老鼠刺)
386	<i>Jacaranda mimosifolia</i>	藍花楸
387	<i>Jacaranda</i> spp.	-
388	<i>Jatropha integerrima</i>	全緣葉麻瘋樹(全緣葉珊瑚)
389	<i>Jatropha pandurifolia</i>	日日櫻
390	<i>Juniperus chinensis</i>	圓柏(檜)
391	<i>Juniperus chinensis</i> 'Aurea'	金葉檜
392	<i>Juniperus chinensis</i> 'Globosa'	球柏
393	<i>Juniperus chinensis</i> 'Kaizuca'	龍柏
394	<i>Juniperus chinensis</i> 'Sargentii'	清水山檜
395	<i>Juniperus excelsa</i> 'Stricta'	洋白柏
396	<i>Juniperus formosana</i>	刺柏
397	<i>Juniperus</i> spp.	-
398	<i>Keteleeria fortunei</i>	油杉
399	<i>Khaya senegalensis</i>	非洲棟(非洲桃花心木)
400	<i>Khaya</i> spp.	-
401	<i>Kigelia pinnata</i>	吊瓜樹
402	<i>Koelreuteria bipinnata</i>	複葉欒樹
403	<i>Koelreuteria formosana</i>	台灣欒樹
404	<i>Lagerstroemia fordii</i>	廣東紫薇
405	<i>Lagerstroemia indica</i>	紫薇
406	<i>Lagerstroemia speciosa</i>	大花紫薇
407	<i>Lagerstroemia</i> spp.	-
408	<i>Latania lontaroides</i>	紅棕櫚
409	<i>Leptospermum petersonii</i>	檸檬茶薇
410	<i>Leucaena leucocephala</i>	銀合歡
411	<i>Ligustrum liukiuense</i> (syn. <i>Ligustrum amamianum</i>)	臺灣女貞(日本女貞)
412	<i>Ligustrum lucidum</i>	女貞
413	<i>Ligustrum sinense</i>	山指甲
414	<i>Ligustrum</i> spp.	-
415	<i>Liquidambar formosana</i>	楓香
416	<i>Liquidambar</i> spp.	-
417	<i>Liriodendron chinense</i>	馬褂木(鵝掌楸)
418	<i>Litchi chinensis</i>	荔枝
419	<i>Lithocarpus attenuatus</i>	尖葉柯
420	<i>Lithocarpus corneus</i>	煙斗柯
421	<i>Lithocarpus elizabethae</i>	厚斗柯
422	<i>Lithocarpus fenestratus</i> var. <i>brachycarpus</i>	泥柯

GIS Specifications for Engineering Surveys of Highways Department (Version 2.0)

Code	Description	Chinese Name
423	<i>Lithocarpus glaber</i>	柯
424	<i>Lithocarpus haipinii</i>	耳柯
425	<i>Lithocarpus hancei</i>	硬殼柯
426	<i>Lithocarpus harlandii</i>	港柯(夏蘭稠)
427	<i>Lithocarpus irwinii</i>	廣南柯
428	<i>Lithocarpus iteaphyllus</i>	鼠刺葉柯
429	<i>Lithocarpus litseifolius</i>	木姜葉柯
430	<i>Lithocarpus macilentus</i>	粉葉柯
431	<i>Lithocarpus quercifolius</i>	櫟葉柯
432	<i>Lithocarpus</i> spp.	-
433	<i>Litsea cubeba</i>	木薑子(山蒼樹)
434	<i>Litsea glutinosa</i>	潺槁樹
435	<i>Litsea monopetala</i>	假柿樹(假柿木薑子)
436	<i>Litsea rotundifolia</i> var. <i>oblongifolia</i>	豺皮樟
437	<i>Litsea</i> spp.	-
438	<i>Livistona australis</i>	澳洲蒲葵
439	<i>Livistona chinensis</i>	蒲葵
440	<i>Livistona decipiens</i>	迷惑蒲葵
441	<i>Lophostemon confertus</i>	紅膠木
442	<i>Loropetalum chinense rubrum</i>	紅花繼木
443	<i>Lysidice rhodostegia</i>	儀花
444	<i>Macadamia ternifolia</i>	澳洲堅果
445	<i>Macaranga tanarius</i>	血桐
446	<i>Machilus breviflora</i>	短序潤楠
447	<i>Machilus chekiangensis</i>	浙江潤楠
448	<i>Machilus chinensis</i>	華潤楠(香港楠)
449	<i>Machilus gamblei</i>	黃心樹
450	<i>Machilus grijsii</i>	黃絨潤楠
451	<i>Machilus kwangtungensis</i>	廣東潤楠
452	<i>Machilus leptophylla</i>	薄葉潤楠
453	<i>Machilus oreophila</i>	水楠
454	<i>Machilus pauhoi</i>	刨花潤楠
455	<i>Machilus robusta</i>	粗壯潤楠
456	<i>Machilus</i> spp.	
457	<i>Machilus thunbergii</i>	紅楠
458	<i>Machilus velutina</i>	絨毛潤楠
459	<i>Machilus wangchiana</i>	信宜潤楠
460	<i>Magnolia championii</i>	香港木蘭
461	<i>Magnolia grandiflora</i>	荷花玉蘭(洋玉蘭)
462	<i>Mallotus apelta</i>	白背葉(白桐)
463	<i>Mallotus paniculatus</i>	白楸
464	<i>Mallotus philippensis</i>	粗糠柴
465	<i>Malus halliana</i>	垂絲海棠

GIS Specifications for Engineering Surveys of Highways Department (Version 2.0)

Code	Description	Chinese Name
466	<i>Malus micromalus</i>	西府海棠
467	<i>Mangifera indica</i>	芒果
468	<i>Mangifera persiciformis</i>	扁桃
469	<i>Manglietia glauca</i>	灰木蓮
470	<i>Manglietia insignis</i>	紅花木蓮
471	<i>Manglietia megaphylla</i>	大葉木蓮
472	<i>Manilkara zapota</i>	人心果
473	<i>Markhamia stipulata</i> var. <i>kerrii</i>	貓尾木
474	<i>Markhamia stipulata</i> var. <i>kerrii</i> (syn. <i>Dolichandrone cauda-felina</i>)	貓尾木
475	<i>Melaleuca bracteata</i>	黃金香柳
476	<i>Melaleuca cajuputi</i> subsp. <i>cumingiana</i>	白千層
477	<i>Melaleuca</i> spp.	-
478	<i>Melaleuca styphelioides</i>	捲葉千層
479	<i>Melia azedarach</i>	楝(苦楝)
480	<i>Melicope pteleifolia</i> (syn. <i>Evodia lepta</i>)	密茱萸(三楹苦)
481	<i>Memecylon ligustrifolium</i>	谷木
482	<i>Metasequoia glyptostroboides</i>	水杉
483	<i>Michelia champaca</i>	黃蘭
484	<i>Michelia chapensis</i>	樂昌含笑(景烈含笑)
485	<i>Michelia figo</i>	含笑
486	<i>Michelia macclurei</i>	醉香含笑(火力楠)
487	<i>Michelia maudiae</i>	深山含笑(莫氏含笑)
488	<i>Michelia</i> x <i>alba</i>	白蘭
489	<i>Microcos nervosa</i>	破布葉(布渣葉)
490	<i>Mimusops elengi</i>	香欖(牛油果)
491	<i>Moringa oleifera</i>	辣木
492	<i>Moringa thouarsii</i>	象腳樹(象腿木)
493	<i>Morus alba</i>	桑
494	<i>Murraya paniculata</i>	九里香
495	<i>Musa</i> spp.	-
496	<i>Musa</i> x <i>paradisiaca</i>	大蕉(甘蕉)
497	<i>Myrica rubra</i>	楊梅
498	<i>Myrsine seguinii</i>	密花樹
499	<i>Nageia nagi</i> (syn. <i>Podocarpus nagi</i>)	竹柏
500	<i>Nauclea officinalis</i>	烏檀
501	<i>Nauclea orientalis</i>	東方烏檀
502	<i>Neodypsis decaryi</i>	三角葵
503	<i>Nerium oleander</i>	夾竹桃
504	<i>Nerium oleander</i> 'Album'	白花夾竹桃
505	<i>Nerium oleander</i> 'Variegatum plenum'	花葉夾竹桃
506	<i>Nolina recurvata</i>	酒瓶蘭
507	<i>Ormosia emarginata</i>	凹葉紅豆

GIS Specifications for Engineering Surveys of Highways Department (Version 2.0)

Code	Description	Chinese Name
508	<i>Ormosia henryi</i>	花梨木
509	<i>Ormosia indurata</i>	靚莢紅豆
510	<i>Ormosia pachycarpa</i>	茸莢紅豆
511	<i>Ormosia pinnata</i>	海南紅豆
512	<i>Ormosia semicastrata</i>	軟莢紅豆
513	<i>Oroxylum indicum</i>	木蝴蝶(千層紙)
514	<i>Osmanthus fragrans</i>	桂花(木犀)
515	<i>Osmanthus matsumuranus</i>	牛矢果
516	<i>Pachira aquatica</i>	瓜栗
517	<i>Pachira macrocarpa</i>	瓜栗
518	<i>Pandanus furcatus</i>	分叉露兜
519	<i>Pandanus tectorius</i>	露兜樹
520	<i>Pandanus utilis</i>	扇葉露兜樹(馬達加斯加露兜)
521	<i>Parkia javanica</i>	球花豆
522	<i>Paulownia fortunei</i>	白花泡桐(泡桐)
523	<i>Paulownia tomentosa</i>	毛泡桐
524	<i>Pavetta hongkongensis</i>	香港大沙葉(茜木)
525	<i>Peltophorum pterocarpum</i>	盾柱木(雙翼豆)
526	<i>Peltophorum spp.</i>	-
527	<i>Peltophorum tonkinense</i>	銀珠
528	<i>Pentaphylax euryoides</i>	五列木
529	<i>Persea americana</i>	鱷梨(牛油果)
530	<i>Phoenix canariensis</i>	加那利刺葵
531	<i>Phoenix dactylifera</i>	海棗(棗椰樹)
532	<i>Phoenix hanceana</i>	刺葵
533	<i>Phoenix hanceana</i> var. <i>Formosana</i>	台灣海棗
534	<i>Phoenix reclinata</i>	非洲海棗
535	<i>Phoenix robusta</i>	壯幹海棗
536	<i>Phoenix roebelenii</i>	日本葵(軟葉刺葵)
537	<i>Phoenix rupicola</i>	崖葵
538	<i>Phoenix sylvestris</i>	銀海棗
539	<i>Photinia benthamiana</i>	閩粵石楠
540	<i>Photinia raupingensis</i>	饒平石楠
541	<i>Phyllanthus emblica</i>	餘甘子(油甘子)
542	<i>Phyllostachys nigra</i>	紫竹
543	<i>Pinanga sinii</i>	燕尾山檳榔
544	<i>Pinus elliottii</i>	濕地松(愛氏松)
545	<i>Pinus massoniana</i>	馬尾松
546	<i>Pinus taeda</i>	火炬松
547	<i>Pithecellobium dulce</i>	牛蹄豆
548	<i>Pittosporum tobira</i>	海桐
549	<i>Platanus spp.</i>	-
550	<i>Platanus x acerifolia</i>	英國梧桐(二球懸鈴木)

GIS Specifications for Engineering Surveys of Highways Department (Version 2.0)

Code	Description	Chinese Name
551	<i>Platycladus orientalis</i>	側柏(扁柏)
552	<i>Plumeria obtusa</i>	鈍葉雞蛋花
553	<i>Plumeria rubra</i>	雞蛋花
554	<i>Plumeria rubra</i> var. <i>acutifolia</i>	黃雞蛋花
555	<i>Podocarpus costalis</i>	蘭嶼羅漢松
556	<i>Podocarpus macrophyllus</i>	羅漢松
557	<i>Podocarpus neriifolius</i>	百日青
558	<i>Podocarpus</i> spp.	-
559	<i>Polyalthia longifolia</i> var. <i>pendula</i>	長葉暗羅
560	<i>Polyspora axillaris</i>	大頭茶
561	<i>Pongamia pinnata</i>	水黃皮
562	<i>Populus nigra</i> 'Italica'	箭杆楊
563	<i>Populus simonii</i>	小白楊
564	<i>Pouteria campechiana</i>	蛋黃果
565	<i>Prunus campanulata</i>	鐘花櫻桃
566	<i>Prunus cerasifera</i> var. <i>atropurpurea</i>	紅葉李
567	<i>Prunus japonica</i> 'Sinensis'	郁李(李樹)
568	<i>Prunus mume</i>	梅
569	<i>Prunus persica</i>	桃
570	<i>Prunus phaeosticta</i>	腺葉桂櫻(腺葉野櫻)
571	<i>Prunus salicina</i>	李
572	<i>Prunus serrulata</i>	櫻花
573	<i>Prunus</i> spp.	-
574	<i>Psidium guajava</i>	番石榴
575	<i>Pterocarpus indicus</i>	紫檀
576	<i>Pterocarpus</i> spp.	-
577	<i>Pterocarya stenoptera</i>	楓楊
578	<i>Pterospermum heterophyllum</i>	翻白葉樹
579	<i>Ptychosperma macarthuri</i>	齒葉葵(麥氏葵)
580	<i>Punica granatum</i>	安石榴(石榴)
581	<i>Putranjiva roxburghii</i>	假黃楊(藥用核果木)
582	<i>Pygeum topengii</i>	臀果木
583	<i>Pyracantha crenulata</i>	火棘(細圓齒火棘)
584	<i>Pyrenaria spectabilis</i> (syn. <i>Tutcheria spectabilis</i>)	石筆木
585	<i>Pyrus calleryana</i>	豆梨(麻子梨)
586	<i>Pyrus pyrifolia</i>	沙梨(梨)
587	<i>Quercus acutissima</i>	麻櫟
588	<i>Quercus fabri</i>	白櫟
589	<i>Radermachera hainanensis</i>	海南菜豆樹
590	<i>Ravenala madagascariensis</i>	旅人蕉
591	<i>Ravenea glauca</i>	迷你國皇椰子
592	<i>Ravenea rivularis</i>	國皇椰子
593	<i>Reevesia thyrsoidea</i>	梭羅樹

GIS Specifications for Engineering Surveys of Highways Department (Version 2.0)

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594	<i>Rhaphiolepis indica</i>	石斑木(車輪梅)
595	<i>Rhapis excelsa</i>	棕竹
596	<i>Rhodoleia championii</i>	紅苞木(紅花荷)
597	<i>Rhus chinensis</i>	鹽膚木
598	<i>Rhus hypoleuca</i>	白背鹽膚木(白背漆)
599	<i>Rhus succedanea</i>	木蠟樹(野漆樹)
600	<i>Roystonea oleracea</i>	菜王棕
601	<i>Roystonea regia</i>	大王椰子(王棕)
602	<i>Sabal palmetto</i>	簕棕
603	<i>Salix babylonica</i>	垂柳
604	<i>Salix</i> spp.	-
605	<i>Sandoricum koetjape</i>	山道棟
606	<i>Sapindus saponaria</i> (syn. <i>Sapindus mukorossi</i>)	無患子(木患子)
607	<i>Sapindus</i> spp.	-
608	<i>Sapium discolor</i>	山烏柏
609	<i>Sapium sebiferum</i>	烏柏
610	<i>Saraca dives</i>	中國無憂花
611	<i>Saraca indica</i>	無憂花
612	<i>Sarcosperma laurinum</i>	肉實樹
613	<i>Saurauia tristyla</i>	水東哥
614	<i>Schefflera actinophylla</i>	傘樹
615	<i>Schefflera heptaphylla</i>	鵝掌柴(鴨腳木)
616	<i>Schima superba</i>	木荷(荷樹)
617	<i>Schizolobium parahyba</i>	巴西豆
618	<i>Scolopia buxifolia</i>	黃楊葉刺柃
619	<i>Scolopia chinensis</i>	刺柃
620	<i>Scolopia saeva</i>	廣東刺柃
621	<i>Senna alata</i>	翅莢決明
622	<i>Senna bicapsularis</i>	雙莢決明
623	<i>Senna siamea</i> (syn. <i>Cassia siamea</i>)	鐵刀木
624	<i>Senna spectabilis</i>	美麗決明(美洲槐)
625	<i>Senna surattensis</i> (syn. <i>Cassia surattensis</i>)	黃槐決明(黃槐)
626	<i>Sinosideroxylonwightianum</i>	革葉鐵欖
627	<i>Sloanea sinensis</i>	猴歡喜
628	<i>Sophora japonica</i>	槐
629	<i>Sophora japonica</i> var. <i>penaula</i>	龍爪槐
630	<i>Sophora tomentosa</i>	絨毛槐(海南豆樹)
631	<i>Spathodea campanulata</i>	火焰樹
632	<i>Sphaeropteris lepifera</i>	筆筒樹
633	<i>Spondias lakonensis</i> Pierre	嶺南酸棗
634	<i>Stenocarpus sinuatus</i>	火輪樹
635	<i>Stenocarpus</i> spp.	-
636	<i>Sterculia lanceolata</i>	假蘋婆

GIS Specifications for Engineering Surveys of Highways Department (Version 2.0)

Code	Description	Chinese Name
637	<i>Sterculia nobilis</i>	蘋婆
638	<i>Strelitzia nicolai</i>	大鶴望蘭(扇蕉)
639	<i>Strelitzia reginae</i>	鶴望蘭(天堂鳥蕉)
640	<i>Styrax odoratissimus</i>	芬芳安息香
641	<i>Styrax suberifolius</i>	栓葉安息香(紅皮)
642	<i>Swietenia mahagoni</i>	桃花心木
643	<i>Syagrus romanzoffiana</i>	皇后葵(金山葵)
644	<i>Symplocos cochinchinensis</i> var. <i>laurina</i>	黃牛奶樹
645	<i>Symplocos congesta</i>	密花山礬
646	<i>Symplocos crassifolia</i>	厚葉山礬(厚皮灰木)
647	<i>Symplocos glauca</i>	羊舌樹
648	<i>Symplocos lancifolia</i>	光葉山礬
649	<i>Symplocos</i> spp.	-
650	<i>Syncarpia glomulifera</i>	白心膠
651	<i>Syzygium cumini</i>	烏墨(海南蒲桃)
652	<i>Syzygium formosanum</i>	紅牙赤楠
653	<i>Syzygium hancei</i>	韓氏蒲桃(紅鱗蒲桃)
654	<i>Syzygium jambos</i>	蒲桃
655	<i>Syzygium levinei</i>	山蒲桃
656	<i>Syzygium rehderianum</i>	紅枝蒲桃
657	<i>Syzygium samarangense</i>	洋蒲桃
658	<i>Tabebuia argentea</i>	銀鱗風鈴木
659	<i>Tabebuia chrysantha</i> (syn. <i>Tabebuia chrysotricha</i>)	黃鐘木(風鈴木)
660	<i>Tabebuia donnell-smithii</i>	史氏鐘花
661	<i>Tabebuia impetiginosa</i>	粉紅風鈴木
662	<i>Tabebuia pentaphylla</i>	洋紅風鈴木 (紅花風鈴木)
663	<i>Tabebuia</i> spp.	-
664	<i>Tamarindus indica</i>	酸豆
665	<i>Taxodium ascendens</i>	池杉
666	<i>Taxodium distichum</i>	落羽松
667	<i>Tecoma stans</i>	黃鐘花
668	<i>Tectona grandis</i>	柚木
669	<i>Terminalia arjuna</i>	阿江欖仁
670	<i>Terminalia calamansanai</i>	菲律賓欖仁
671	<i>Terminalia catappa</i>	欖仁樹
672	<i>Terminalia chebula</i>	訶子
673	<i>Terminalia hainanensis</i>	海南欖仁
674	<i>Terminalia mantaly</i>	小葉欖仁
675	<i>Terminalia mantaly</i> 'Tricolour'	錦葉欖仁
676	<i>Terminalia muelleri</i>	莫氏欖仁
677	<i>Terminalia</i> spp.	-
678	<i>Ternstroemia gymnanthera</i>	厚皮香
679	<i>Tetradium glabrifolium</i>	棟葉吳茱萸

GIS Specifications for Engineering Surveys of Highways Department (Version 2.0)

Code	Description	Chinese Name
680	<i>Thespesia populnea</i>	繖楊(恒春黃槿)
681	<i>Thevetia peruviana</i>	黃花夾竹桃
682	<i>Thoebroma cacao</i>	可可樹
683	<i>Thuja orientalis</i> 'Aurea Nana'	金柏
684	<i>Tipuana tipu</i>	大班木
685	<i>Toona rubriflora</i>	紅花香椿
686	<i>Toona sinensis</i>	香椿
687	<i>Trachycarpus fortunei</i>	棕櫚
688	<i>Trema orientalis</i>	異色山黃麻
689	<i>Trema tomentosa</i>	山黃麻
690	<i>Trevesia palmata</i>	刺通草
691	<i>Tristania</i> spp.	-
692	<i>Tristaniaopsis laurina</i>	月桂異紅膠木
693	<i>Tutcheria microcarpa</i>	小果石筆木
694	<i>Ulmus parvifolia</i>	榔榆
695	<i>Ulmus pumila</i>	榆樹
696	<i>Ulmus pumila</i> cv. <i>pendula</i>	垂枝榆
697	<i>Veitchia merrillii</i>	聖誕椰子
698	<i>Vernicia fordii</i> (<i>Aleurites fordii</i>)	油桐(三年桐)
699	<i>Vernicia montana</i>	木油樹(千年桐)
700	<i>Viburnum odoratissimum</i>	珊瑚樹
701	<i>Vitex quinata</i>	山牡荊
702	<i>Vitex tripinnata</i>	小花牡荊(越南牡荊)
703	<i>Wallichia disticha</i>	羽扇椰子
704	<i>Washingtonia robusta</i>	華盛頓葵(大絲葵)
705	<i>Wodyetia bifurcata</i>	狐尾棕
706	<i>Wollemia nobilis</i>	恐龍杉
707	<i>Woodfordia fruticosa</i>	蝦仔花
708	<i>Wormia alata</i>	厚葉黃花樹
709	<i>Wrightia laevis</i>	藍樹
710	<i>Xanthostemon chrysanthus</i>	金蒲桃
711	<i>Xylosma longifolium</i>	長葉柞木
712	<i>Xylosma racemorum</i>	柞木
713	<i>Yucca filamentosa</i>	絲蘭
714	<i>Yucca</i> spp.	-
715	<i>Yulania denudata</i> (syn. <i>Magnolia denudata</i>)	玉蘭(玉堂春)
716	<i>Yulania liliiflora</i> (syn. <i>Magnolia liliiflora</i>)	紫玉蘭(辛夷)
717	<i>Yulania x soulangeana</i> (syn. <i>Magnolia soulangeana</i>)	二喬木蘭(紫玉蘭)
718	<i>Zanthoxylum ailanthoides</i>	椿葉花椒
719	<i>Zanthoxylum avicennae</i>	簕欖花椒(簕欖)
720	<i>Zanthoxylum cuspidatum</i>	胡椒簕
721	<i>Zanthoxylum myriacanthum</i>	大葉臭花椒
722	<i>Zanthoxylum ovalifolium</i>	異葉花椒

GIS Specifications for Engineering Surveys of Highways Department (Version 2.0)

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723	<i>Ziziphus jujuba</i>	棗
724	<i>Ziziphus mauritiana</i>	滇刺棗
725	<i>Acacia pennata</i>	羽葉金合歡
726	<i>Aphanamixis grandifolia</i>	大葉山楝
727	<i>Bridelia insulana</i>	禾串樹
728	<i>Callicarpa kochiana</i>	枇杷葉紫珠
729	<i>Citrus microcarpa</i>	四季桔
730	<i>Cyathea lepifera</i>	筆筒樹
731	<i>Distylium racemosum</i>	蚊母樹
732	<i>Dracaena reflexa</i>	百合竹
733	<i>Engelhardtia roxburghiana</i>	黃杞
734	<i>Ilex hanceana</i>	青茶冬青
735	<i>Ilex triflora</i>	三花冬青
736	<i>Maesa perlaris</i>	鯽魚膽
737	<i>Pistacia chinensis</i>	黃連木
738	<i>Prunus zippeliana</i>	大葉桂櫻
739	<i>Symplocos lucida</i>	厚葉灰木
740	<i>Helicia kwangtungensis</i>	廣東山龍眼
741	<i>Neolitsea cambodiana</i> var. <i>glabra</i>	香港新木薑子
742	<i>Picrasma quassioides</i> (D. Don) Benn.	苦樹
743	<i>Celtis biondii</i> Pamp.	紫彈朴
744	<i>Spathodea campanulata</i> Beauv.	火焰樹, 火焰木
745	<i>Camellia oleifera</i>	油茶
747	<i>Ligustrum liukiuense</i> Koidz.	台灣女貞
748	<i>Duranta erecta</i>	假連翹
749	<i>Euonymus nitidus</i>	中華衛矛