
GIS Data Hub Data Collection Specification



Table of Contents

1	INTRODUCTION.....	1
2	DOCUMENT USAGE.....	1
3	DOCUMENT UPDATES	1
4	INTENDED AUDIENCE.....	1
5	DOCUMENT REFERENCES	1
6	VERSION OF SPECIFICATION	2
7	RESPONSIBILITY.....	2
8	DATA QUALITY	2
8.1	Accuracy.....	2
8.1.1	Tolerances	2
8.1.2	Topological Rules.....	3
8.2	Completeness	3
8.3	Consistency.....	4
8.4	Timelines.....	4
9	BEARING FORMAT	4
10	DATA FORMAT & CONVENTIONS	5
10.1	Graphical Data	5
10.2	Naming Convention	5
11	SPATIAL PARAMETERS.....	5
11.1	Horizontal Coordinate System	5
11.2	Planar Coordinate Information	6
11.3	Geodetic Model	6
11.4	Altitude System Definition	6
12	EXTENT OF SURVEY	7
13	SUPPORTING FILES.....	7

14 MEDIA OF SUBMISSION	8
14.1 Softcopy Submission	8
14.2 Hardcopy Submission	8
14.3 Video Submission	8
15 FURTHER INFORMATION	8
16 DATA SPECIFICATION	9
16.1 Arrow Marking (Point)	9
16.2 Bicycle Rack (Point)	12
16.3 Bollard (Point)	13
16.4 Bus Shelter (Line)	16
16.5 Bus Stop Pole (Point).....	21
16.6 Control Box (Point).....	24
16.7 Convex Mirror (Point)	27
16.8 Covered Linkway (Polygon).....	28
16.9 Cycling Marking (Point).....	31
16.10 Cycling Path (Line).....	35
16.11 Cycling Path (Under Planning) (Line)	36
16.12 Cycling Path Lighting Poles (Point)	37
16.13 Cycling Sign (Point).....	38
16.14 Detector Loop (Polygon)	39
16.15 Emergency Gate (Point)	42
16.16 Footpath (Line).....	43
16.17 Gantry (Line).....	45
16.18 Guardrail (Line)	47
16.19 Kerblines (Line)	50
16.20 Kerb Side Parking (Line)	51
16.21 Lamp Post (Point).....	54
16.22 Lane Marking (Line).....	55
16.23 Miscellaneous Point (Point)	72
16.24 Passenger Pickup Bay (Line).....	74
16.25 Pedestrian Overhead Bridge/Underpass (Polygon).....	75
16.26 Railing (Line).....	79

16.27 Retaining Wall (Line)	85
16.28 Road Crossing (Line).....	87
16.29 Road Hump (Line).....	91
16.30 RTS Line (Line)	93
16.31 RTS Station (Polygon)	94
16.32 Seat (Point).....	95
16.33 Speed Regulating Strip (Line).....	96
16.34 Street Paint (Polygon)	97
16.35 Taxi Shelter (Line).....	98
16.36 Taxi Stop Pole (Point)	99
16.37 Traffic Sign (Point).....	101
16.38 Traffic Signal Aspect (Point)	105
16.39 Vehicular Bridge/Flyover/Underpass (Polygon)	113
16.40 Word Marking (Point)	116
17 APPENDIX.....	117
17.1 List of Traffic Signs.....	117
17.1.1 Prohibitory Traffic Signs.....	117
17.1.2 Warning Traffic Signs	123
17.1.3 Informational Traffic Signs.....	129
17.1.4 Supplementary Traffic Signs	168
17.1.5 Mandatory Traffic Signs.....	180
17.1.6 Street, Flyover, Tunnel, Underpass and Viaduct Traffic Signs	181
17.2 List of Flyover, Tunnel, Underpass and Viaduct Names.....	182
17.3 List of Cycling Signs.....	186
17.4 List of Word Marking.....	191
18 INVENTORY ITEMS AND SYMBOL REPRESENTATION.....	196
18.1 Arrow Marking	196
18.2 Bicycle Rack.....	196
18.3 Bollard.....	196
18.4 Bus Shelter	196
18.5 Bus Stop Pole.....	196
18.6 Control Box.....	196
18.7 Convex Mirror	196

18.8	Covered Linkway	197
18.9	Cycling Marking	197
18.10	Cycling Path	197
18.11	Cycling Path (Under Planning)	198
18.12	Cycling Path Lighting Poles	198
18.13	Cycling Sign	198
18.14	Detector Loop	198
18.15	Emergency Gate	198
18.16	Footpath	198
18.17	Gantry	198
18.18	Guardrail	198
18.19	Kerblines	199
18.20	Kerb Side Parking	199
18.21	Lamp Post	199
18.22	Lane Marking	199
18.23	Miscellaneous Point	200
18.24	Passenger Pickup Bay	200
18.25	Pedestrian Overhead Bridge / Underpass	200
18.26	Railing	200
18.27	Retaining Wall	200
18.28	Road Crossing	201
18.29	Road Hump	201
18.30	RTS Line	201
18.31	RTS Station	201
18.32	Seat	201
18.33	Speed Regulating Strip	201
18.34	Street Paint	201
18.35	Taxi Shelter	201
18.36	Taxi Stop Pole	201
18.37	Traffic Sign	201
18.38	Traffic Signal Aspect	202
18.39	Vehicular Bridge / Underpass / Flyover	202
18.40	Word Marking	202

