Drawing No.	Ver.	Approved	Drawing Title
(1000-1049) LAYO	UT OF IN	NTERSECTIONS, I	PED OPS & OTHER SITE TYPES
TC-1000		13/10/2000	Typical Layouts
TC-1001		13/10/2000	Traffic Signals - Associated Pavement Marking
TC-1003		13/10/2000	Typical Layouts for Pedestrian Operated Signals
TC-1004		13/10/2000	Linemarking at Pedestrian Operated Signals
TC-1005	Α	12/09/2003	Typical Layouts for PUFFIN Operated Signals
(1050-1099) STRE	ET LIGH	TING SERIES	
TC-1060	D	19/09/2006	Street Lighting Bracket - Single & Double - Type 1
TC-1061	D	19/09/2006	Street Lighting Bracket - Single & Double - Type 2
TC-1062	С	13/05/2014	Street Lighting Distribution Box - Foundation Detail
TC-1064	Α	18/06/2001	Impact Absorbing Pole Assembly - Ground Set Mounted
TC-1065	D	15/06/2017	Slip Base Pole Assembly - Ground Set Mounted
TC-1066	В	2/04/2008	Transition Base Assembly for Slip Base Pole - P.S. Mounted
TC-1067	Α	18/06/1997	Stiffening Plate for Street Lighting Bracket
TC-1068		23/02/2000	Rigid Street Lighting Pole (RSLP) Base Section
TC-1069		19/09/2006	Street Lighting Clamping Plate - Bracket to Pole Spigot
TC-1070		19/09/2006	Street Lighting Cable Support for Outreach
TC-1071	Α	19/06/2014	Street Lighting - Impact Absorbing Pole - Electrical Installation Details
TC-1072	Α	19/06/2014	Street Lighting - Slip Base Pole - Electrical Installation Details
TC-1073	Α	15/06/2017	Street Lighting - Slip Base Pole - Electrical Disconnect Details
TC-1074	Α	15/06/2017	Distribution Cabinet Type 2 - Foundation Detail
TC-1075		13/05/2014	Rag Bolt Assembly For Cabinet
TC-1076		15/06/2017	Pole location identifier system
TC-1077		15/06/2017	Typical Pole numbering arrangement
TC-1078		15/06/2017	Pole label installation location
(1100-1199) TRAF	FIC SIGN	NALS - POSTS & A	ATTACHMENTS
TC-1100	А	12/09/2003	Traffic Signal Post - Types 2A, 2B & 3
TC-1101		7/01/2002	Lantern Mounting Brackets
TC-1103		7/01/2002	Mini Mastarm (Type 2D)
TC-1104		13/10/2000	Flashing Pedestrian Crossing Details

TC-1105		23/02/2000	Components for Standard Traffic Signal and Street Lighting
TC-1106	Α	21/08/2001	Traffic Signal MA's, JUP's & JUMA's Overhead Lantern Mounting Assembly
TC-1107		23/02/2000	Traffic Signal MA's, JUP's & JUMA's Baseplate Detail
TC-1108	Α	24/08/1998	Weather Cap for Traffic Signals and Street Lighting
TC-1109		23/02/2000	Outreach Arm Clamping Details for MA's, JUP's & JUMA
TC-1110		23/02/2000	Traffic Signals MA's, JUP's & JUMA's Column Conduit Entry Details
TC-1111		23/02/2000	JUMA, JUP, RSLP Street Lighting Extensions spigot cap
TC-1112		13/10/2000	5.5m x 2.5m Mast Arm - Typical Installation Details
TC-1113		23/02/2000	MA, JUMA and JUP Lantern Support Detail
TC-1114	Α	31/05/2010	Terminal Assembly - Pedestal
TC-1115		13/10/2000	Lantern & Mounting Bracket Orientation
TC-1116	В	17/02/2008	Traffic Signal Mounting Arrangement
TC-1117		7/01/2002	Lantern Orientation and Mounting Heights For 300mm Lanterns on Standard Posts
TC-1118	Α	21/08/2001	For Traffic Signal & Street Lighting, Door Opening and Cable Termination Block Mounting Details
TC-1119		13/10/2000	Lantern Mounting Details
TC-1120		23/02/2000	Joint Use Pole (JUP) Base Section
TC-1121	Α	31/01/2001	Joint Use Mast Arm (JUMA) Base Section
TC-1122	Α	31/01/2001	Mast Arm (MA) Base Section
TC-1123		23/02/2000	JUMA, JUP, RSLP Street Lighting Extensions section
TC-1124		23/02/2000	Mast Arm (MA) and Joint Use Mast Arm (JUMA) Outreach Sections
TC-1125		13/10/2000	Post Installation Details for signs
TC-1126		13/10/2000	Pedestal Location Under or Through Verandahs
TC-1127	Α	14/03/2007	Traffic Signal - Visor Types and Dimensions
TC-1128	Α	31/05/2010	Terminal Assembly - MA, JUP & JUMA
TC-1129		31/05/2010	Terminal Assembly - Pedestal 19 Way
(1200-1299) TR	AFFIC SIGN	NALS - CIVIL & E	ELECTRICAL
TC-1200	С	22/05/2014	Foundation for Pedestals
TC-1201	В	22/05/2014	Bored Pile Foundation for Traffic Signal Posts
TC-1202	Α	13/05/2014	Spread Footing for JUP's, MA's and JUMA's
TC-1203	С	13/05/2014	Traffic Sginal Controller Foundation Details
TC-1204	Α	13/10/2000	51 Core for Intersections (Cable Connections)
TC-1205	С	16/06/2005	19 & 29 Core Cable Connection for Pedestrian Operated Signals
TC-1206	Α	13/05/2014	Assembly & Installation of Consumer Mains & Meter Box
TC-1207	В	13/05/2014	General Layout - Traffic Signal Ducting
TC-1208		13/10/2000	Underground Conduit Warning Sign

TC-1210		21/12/1995	Cable Pit Former - 600 mm Dia
TC-1211		12/09/2003	Heavy Duty Cable Pit and Cover
TC-1212		5/09/2001	Traffic Signal Controller Site Identification Encoder
TC-1214		2/04/2008	Suitable Arrangement - Dual 51 Core Terminations for Complex Intersection
TC-1215		2/04/2008	Suitable Arrangement - Dual 51 Core Terminations for Diamond Intersection
TC-1220	С	13/05/2014	Cable Pit Access Cover & Frame 600 mm Dia
TC-1230	В	13/05/2014	Cable Pit - Installation Details
TC-1601		14/08/1996	Rag Bolt Assembly - M24 CG and HS 600mm x 350mm PCD
TC-1603	Α	22/08/1996	Rag Bolt Assembly for Cabinet M12 - 600 x 460 x 255mm
	AFFIC SIG	NALS - DETECTI	ON
TC-1300	Α	29/03/2005	Loop Pattern and Installation Details (Symmetripole)
TC-1301	Α	29/03/2005	Vehicle and Tram Detector Loops Along Shared and Exclusive Lines
TC-1302	А	29/03/2005	Wheerchair Detector Loops
TC-1310	Α	14/08/1996	Detector Pit and Lid
TC-1320	Α	22/08/1996	Detector Pit - Installation Details
TC-1332		13/10/2000	Advanced Tram Detection (Feeder Cable Details)
TC-1360		13/10/2000	Red Light Camera Installation
TC-1361	Α	29/03/2005	Red Light Camera Detection Loops
TC-1380		7/01/2002	Concrete Slab for Tram Detectors
(2000-2009) TR	AFFIC INFO	ORMATION SYST	TEM - GENERAL SERIES
TC-2001	В	4/03/2013	Trunk Conduit System - For Freeways - Typical Layout
TC-2002	В	4/03/2013	Cabinet - Installation Details Freeway Data Stations
TC-2003		7/01/2002	Universal Roadside Cabinet
(2010-2019) TRA	AFFIC INFO	ORMATION SYST	TEM - CAMERA SERIES
TC-2011	В	9/02/2004	Freeway Camera Site - Typical Layout
TC-2012	Α	11/05/1999	Camera Column - 10m Mid-hinge
TC-2013		14/08/1996	Camera Column - Bored Pile Foundation - Installation Details
TC-2014		proposed	Camera mounting bracket for 10m mid-hinge pole
TC-2015		proposed	Camera mounting bracket for JUP
(2020-2029) TR	AFFIC INFO	ORMATION SYST	TEM - HELP PHONE SERIES
TC-2021	А	20/10/1997	Help Phone Site - Typical Layout
TC-2022	С	26/02/1998	Help Phone - Support Post

TC-2023		21/12/1995	Help Phone - Installation Details
TC-2024		7/01/2002	Help Phone - Taper Details for 3m extended shoulder
TC-2025		7/01/2002	Help Phone - Indented Bay for Rural Sites
TC-2026	Α	28/08/2001	Help Phone - Termination Pillar
TC-2027		21/12/1995	Help Phone - Termination Pillar Installation Details
TC-2028		7/01/2002	Help Phone - Double Support for Median Barrier Installation
(2030-2039) TR	AFFIC INF	ORMATION SYS	TEM - DETECTION SERIES
TC-2031	В	9/09/2005	Freeway Data Station Site - Typical Layout
TC-2032	В	29/03/2005	Loop Installation Details - Freeway Data Station
TC-2033	С	29/09/2005	Loop Pattern - Freeway Data Station
(00.40.00.40) 14/5		A DAUNA OVOTE	
	:AIHER W	ARNING SYSTEM	
TC-2040		20/09/2000	Active Ice Warning Sign For Undivded Road Use
TC-2041		20/09/2000	Double Ice Warning Sign Freeway Bridge Mounted
	BLIC INFO	RMATION LABE	LS
TC-2100	В	6/05/2011	Standard Cabinet Label
TC-2101	Α	7/05/2003	Small Cabinet Label
TC-2102		1/08/2002	Help Phone Label (External)
TC-2103		1/08/2002	Help Phone Label (Internal)
TC-2104	Α	13/05/2014	Pedestrian Label
TC-2105	В	13/05/2014	Pedestal Controller Label
TC-2106		15/06/2017	Road Lighting Pole Label
(2200-2219) MA	NAGED M	OTORWAYS - PI	TS AND CONDUITS
TC-2200	IIIAGED III	OTORWATO TT	600mm Round Electrical Cable Pit
TC-2201			750mm Round Electrical Cable Pit
TC-2202			750mm Round Communication Junction Pit
TC-2203			P8 Communication Pit
TC-2204			Electrical & Communication Trenches
TC-2205			600mm Isolated Electrical Pit
TC-2206			Tail Conduit Junction Arrangements
TC-2207			General Arrangement at Gantries
TC-2208			General Arrangement at Interchanges
TC-2209			General Arrangement at Communications Hut

TC-2216	Cable Pit Former 750mm Dia to Suit 600mm Dia Lid
TC-2217	Cable Pit Access Cover, Frame and Precast Concrete Surround - 750mm Dia

(2220-2229) MANAGED MOTORWAYS - POSTS & ATTACHMENTS		
TC-2220	VSLS Pole and Base Plate	
TC-2221	Gantry Mounted CCTV Camera, AP & RP Pole	
TC-2222	CCTV Camera Pole Extension	
TC-2223	RTIS/RC3 Pole	
TC-2224	RTIS/RC3 Pole Bracketing Arrangements	

(2230-2239) MANAGED MOTORWAYS - CABINET AND POST FOUNDATIONS				
TC-2230			Typical Single ITS Field Cabinet Foundation	
TC-2231	Α	15/06/2017	Typical Distribution Cabinet Type 1	
TC-2232	Α	15/06/2017	Typical Distribution Cabinet Type 2	
TC-2233			VSLS Pole Foundation Concrete	
TC-2234			VSLS Pole Foundation Reinforcement	
TC-2235			RTIS/RC3 Pole Spread Foundation Type 1	
TC-2236			RTIS/RC3 Pole Spread Foundation Type 2	
TC-2237			Site Layout For ITS Field Cabinets Located on Batters	
TC-2238			Pedestrian Safety Fence Arrangements for ITS Field Cabinets	

(2240-2249) MANAGED MOTORWAYS - ELECTRICAL AND COMMUNICATIONS NETWORK WIRING ARRAGEMENTS		
TC-2242	Typical Gantry Wiring Schematic	
TC-2243	VSLS Pole Wiring Arragements	

(2250-2259) MANAGED MO	TORWAYS - FRS LANTERN SUPPORT STRUCTURES
TC-2250	Cantilever Gantry For Two Lanes Metered (Sheet 1 of 2)
TC-2251	Cantilever Gantry For Two Lanes Metered (Sheet 2 of 2)
TC-2252	Portal Gantry For Three or More Lanes Metered (Sheet 1 of 3)
TC-2253	Portal Gantry For Three or More Lanes Metered (Sheet 2 of 3)
TC-2254	Portal Gantry For Three or More Lanes Metered (Sheet 3 of 3)
TC-2255	Access Openings & Covers
TC-2256	Beam Lantern Support Assembly
TC-2257	Beam Sign Support Assembly
TC-2258	Column Mounted Signal Lantern Head Support Assembly

TC-2259	Column Mounted Sign Support Assembly

TC-2260	General Arrangement
TC-2261	Internal Conduiting and LUS Mounting Arrangements
TC-2262	Gantry LEG Cabinet
TC-2263	Column Base Plate Details
TC-2264	Foundation Conduit Details
TC-2265	Typical Gantry Earthing Arrangements
TC-2266	Electrical and Communications Cable Connection Details
(2270-2289) MANAGED MO	TORWAYS - ACCESSIBLE VMS AND LUMS GANTRY
TC-2270	General Arrangement
TC-2271	VMS Mounting Arrangements
TC-2272	LUS Mounting Arrangements
TC-2273	Conduit Route - 1 of 6
TC-2274	Conduit Route - 2 of 6
TC-2275	Conduit Route - 3 of 6
TC-2276	Conduit Route - 4 of 6
TC-2277	Conduit Route - 5 of 6
TC-2278	Conduit Route - 6 of 6
TC-2279	Gantry LEG Cabinet
TC-2280	Access Ladder and Cage Details
TC-2281	Access Walkway and Handrail - 1 of 4
TC-2282	Access Walkway and Handrail - 2 of 4
TC-2283	Access Walkway and Handrail - 3 of 4
TC-2284	Access Walkway and Handrail - 4 of 4
TC-2285	Cladding Details
TC-2286	Foundation Conduit Details
TC-2287	Typical Gantry Earthing Arrangements
TC-2288	Electrical and Communications Cable Connection Details
	TORWAYS - FRS, ERMS AND FDS LAYOUTS
TC-2290	Typical Entry Freeway Ramp Signals Two Lanes Metered
TC-2291	Typical Entry Freeway Ramp Signals Two Lanes Metered Plus Freeflow Priority Lane
TC-2292	Typical Entry Freeway Ramp Signals Two Lanes Metered Plus Metered Priority Lane

TC-2293	Merge Layouts Freeway Ramp Signals Three Lanes Metered
TC-2294	Merge Layouts Freeway Ramp Signals Four Lanes Metered
TC-2295	Typical Freeway Ramp Signals Layout Freeway to Freeway Interchange
TC-2296	Typical Exit Ramp Management System Layout Arterial Interchange
TC-2297	Freeway Data Station Using TIRTL
TC-2299	Freeway Data Station Using Wireless Vehicle Detectors

## (2300-2309) MANAGED MOTORWAYS - COMMUNICATIONS HUT

TC-2300	Elevations & Specifications
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TC-2301 Floor Plan

(2310-2319) MANAGED MOTORWAYS - STRUCTURE MOUNTED LUMS ARRANGEMENTS	
TC-2310	Elevation Typical Arrangment
TC-2311	General Arrangement Layout
TC-2312	Mounting Arrangement Type 1
TC-2313	Mounting Frame Type 1
TC-2314	Mounting Arrangement Type 2
TC-2315	Mounting Frame Type 2
TC-2316	Mounting Arrangement Type 3
TC-2317	Mounting Frame Type 3
TC-2318	Anti-Vandal Cowling
TC-2319	Junction Box, Electrical and Communications Cable Connection Detail