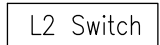
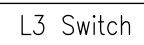


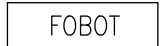


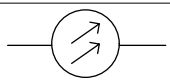


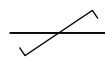
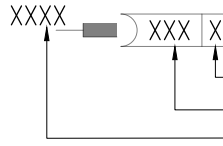
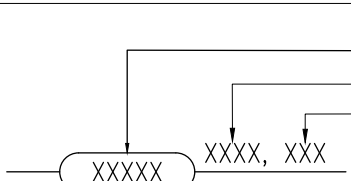
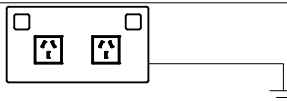
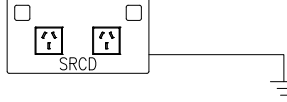





































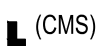




ITS – NETWORK TOPOLOGY & CONNECTION DIAGRAMS	
SYMBOL	TYPE
 	Layer 2 and Layer 3 Switches
	Field Processor
	Network Terminating Unit
 	Fibre Optic Break-out Tray and Fibre Optic Patch Panel
	Fibre Optic Splice Closure
	Single Mode Optical Fibre (SMOF) cable or patch lead
	Multimode Optical Fibre (MMOF) cable or patch lead
	Coaxial cable
	Twisted Copper Cable (CAT5E or CAT6)
	Plug, socket, connection or termination Port identifier (e.g 1, 2 etc) Connection or termination type (e.g DB9) Communication protocol (e.g RS232, RS422 etc)
	Cable Identification and type Cable identification (using cabinet details e.g IT-F02) Cable type (e.g SMOF, MMOF, CAT5E, CAT6, COAXIAL) Number of cores (6C, 12C, 24C, 48C, 96C, 144C for fibre)
	Special purpose double Switched Socket Outlet (SSO) – red fascia
	Double Socket Residual Current Device (SRCD) – white fascia
	Timing relay flasher (advance warning system)

ITS – CABINETS	
SYMBOL	TYPE
	Post Mounted Enclosure
	Field Cabinet (Plinth Mounted)
	Network Node Cabinet

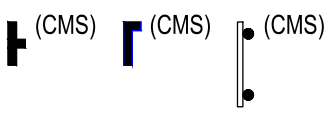
ITS – GENERAL	
SYMBOL	TYPE
	Equipment to be removed e.g.  (Help Telephone to be removed)
EXISTING	Existing equipment e.g. 
NEW	New equipment e.g. 
FUTURE	Future equipment e.g. 

INTELLIGENT TRANSPORT SYSTEMS	
SYMBOL	TYPE
	PTZ CCTV or Web Camera
	Fixed OR PTZ CCTV Camera
	Help Telephone
	Road Weather Monitor
	Ramp Metering System
	Automatic Number Plate Recognition (ANPR)
	Weigh-in-Motion (WiM). See Note 2
	Vehicle Detector (VD). See Note 2
	Vehicle Classifier (VC). See Note 2
	Wireless Traffic Sensor. See Note 2

ITS – SENSORS	
SYMBOL	TYPE
	Inductive Loop
	Piezoelectric Sensor
	Single Strain Gauge
	Double Strain Gauge
	Bluetooth MAC Address Detector
	Wifi MAC Address Detector
	Radar Detector

ITS – SIGNAGE & MOUNTING	
SYMBOL	TYPE
	Post
	Cantilever
	Gantry
	Advance Warning Sign (AWS)
	Variable Message Sign (VMS)
	Variable Speed Limit Sign (VSL)
	Variable Speed Limit/Lane Control Sign (VSL/LCS)
	Vehicle Activated Sign (VAS)
	Electronic School Zone Signs (eSZS)
	Changeable Message Signs (CMS)
	Electronic Traffic Control Signs (eTCS)
	Travel Time Signs (TTS)
	Road Condition Information Sign (RCIS)
	Ramp Information Sign (RIS1, RIS2, RIS3)

Example



NOTES:

- For other relevant symbols refer standard drawings 1436 and 1636.
- Symbol is for functional presentation. Detailed design shall be depicted in the project drawings.

ASSOCIATED DEPARTMENTAL DOCUMENTS:



- Standard Drawings
- Specifications

REFERENCED DOCUMENTS:

- Departmental Standard Drawings:
 - 1436 Traffic Signals – Traffic Signals Symbols
 - 1636 Road Lighting – Road lighting Symbols
 - 1836 Traffic Signals/Road lighting/ITS – Electrical Symbols

ACRONYMS:

- MAC – Media Access Control

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ITS		© The State of Queensland (Department of Transport and Main Roads) 2024 https://creativecommons.org/licenses/by/4.0/	
ITS – SYMBOLS		A3 Not to Scale	Standard Drawing No 1736 Date 7/2024
A	B		