

WIRING ASSIGNMENT FOR TRAFFIC CONTROL SIGNALS

12 – CONDUCTOR CABLE I. M. S. A. SPECIFICATION #19 – 1C		
Wire Colour and Tracer	I.M.S.A. Conductor #	Vehicle Display (see note 1) Conductor Assignment /
RED	3	Northbound or Southbound Red
ORANGE	5	Northbound or Southbound Amber
PURPLE	4	Northbound or Southbound Green
RED /BLACK	8	Eastbound or Westbound Red
ORANGE /BLACK	10	Eastbound or Westbound Amber
PURPLE /BLACK	9	Eastbound or Westbound Green
BLUE	6	Green LED Arrow or Alternate Detector Power
BLACK	1	Amber LED Arrow or Electronic Sign Power
WHITE /BLACK	7	For Future Use
BLUE /BLACK	11	For Future Use
BLACK /WHITE	12	For Future Use
WHITE	2	Neutral

Amber LED Arrow or Electronic Sign Power

7 – CONDUCTOR CABLE TO EACH CENTRE MEDIAN I. M. S. A. SPECIFICATION #19 – 1C		
Wire Colour and Tracer	I.M.S.A. Conductor #	Vehicle Display (see note 1) Conductor Assignment /
RED	3	Centre Median Red
ORANGE	5	Centre Median Amber
PURPLE	4	Centre Median Green
BLUE	6	Green LED Arrow
BLACK	1	Amber LED Arrow
WHITE /BLACK	7	Spare
WHITE	2	Neutral

7 – CONDUCTOR CABLE I. M. S. A. SPECIFICATION #19 – 1C		
Wire Colour and Tracer	I.M.S.A. Conductor #	Vehicle Display (see note 1) Conductor Assignment /
PURPLE	4	North or South Walk
RED	3	North or South Dont' Walk
BLUE	6	East or West Walk
ORANGE	5	East or West Dont' Walk
BLACK	1	Spare
WHITE /BLACK	7	Spare
WHITE	2	Neutral

2 – CONDUCTOR CABLE		
Wire Colour and Tracer	I.M.S.A. Conductor #	Vehicle Display (see note 1) Conductor Assignment /
BLACK		Pushbutton Return
WHITE		Pushbutton Common

NOTES

1. The direction of the Vehicle Display is dependent upon which split the conductor is installed in.
2. A separate #6 AWG Stranded Green Conductor is used as the Ground
3. "Where a Vehicle Display is not used, the corresponding conductor is to be left as a spare"
4. "Pre-Signals are to use the Conductor Assignment, identified above in either the 12 or 7 Conductor"



LOCATIONS WITH CENTRE MEDIANS
REFER TO TTD 804.010

SCALE
NOT TO SCALE

REVISION DATE
JANUARY, 2012

Traffic Plant Installation and Maintenance

APPROVED BY:

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DRAWN BY:

P. B.

PLAN No.

804.003