

## 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

### 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"