TYPICAL INSTALLATION

PRESENCE & SEMI-PRESENCE DETECTORS

LOOP CONNECTORS FOR PRESENCE DETECTORS AT DETECTOR PIT (DET TEST)

NOTE:

1. LOOP WIRE COLOURS ARE:
   (i) LANE NEAREST DETECTOR PIT - BLUE
   (ii) LANE 2ND FROM DETECTOR PIT - YELLOW
   (iii) LANE 3RD FROM DETECTOR PIT - RED
   (iv) LANE 4TH FROM DETECTOR PIT - BLACK

2. LOOP CONNECTOR DETAIL PJ BOX ALTERED.
3. NOTE 7 ADDED.
4. LOOP CONNECTORS FOR PRESENCE DETECTORS AND DETAIL 1 ADDED.
5. GOVERNMENT DEPARTMENT LOGOS CHANGED.

NOTES:

1. JOINT AND SWEAT LOOP DETECTOR CABLE AND SCREENED FEED CABLE IN FOOTPATH AND PLANT PITS, SEPARATELY INSULATE EACH JOINT WITH 6.3m PD CAP (RAYCHEM), HEATED TO SHRINK. DRILL CLEARANCE HOLE FOR PVC CONDUIT THROUGH CENTRE OF KERB AND GUTTER INTO DETECTOR PIT.
2. EACH DETECTOR TO BE CONTROLLED BY INDIVIDUAL SENSOR UNIT.
3. LOOP WIRE COLOURS ARE:
   (i) LANE NEAREST DETECTOR PIT - BLUE
   (ii) LANE 2ND FROM DETECTOR PIT - YELLOW
   (iii) LANE 3RD FROM DETECTOR PIT - RED
   (iv) LANE 4TH FROM DETECTOR PIT - BLACK
4. ALL ADDITIONAL DETECTORS WILL BE SUITABLY TAGGED AND DESIGNATED.
5. WHERE TWO DETECTORS ARE USED FOR RIGHT TURN FACILITY, THE DETECTORS WILL BE CONNECTED SEPARATELY.
6. AVOID KNOWN ROAD OPENINGS SUCH AS TRENCHES WHEN POSITIONING LOOPS. ADJUST LOOP POSITION IN CONSULTATION WITH SUPERINTENDENT.
7. LOOP DETECTOR CABLE IS TO BE V90HT30/0.25

LOOP NOTES:

DIRECTION OF WINDING IS AS INDICATED. HELAGRIIP CABLE MARKER (HG 3 AVAILABLE FROM HAWTHORPE AUST. PTY. LTD.) OR EQUIVALENT TO BE USED TO LABEL:
   (i) START (S) & FINISH (F) OF LOOP WIRING (VIZ, 1S, 1F, 2S OR 2F) AT LEAD ENDS IN PAVEMENT JUNCTION BOX. REFER NOTE 3 FOR COLOURS.

1. WHERE TWO DETECTORS ARE USED FOR RIGHT TURN FACILITY, THE DETECTORS WILL BE CONNECTED SEPARATELY.
2. LOOP WIRE COLOURS ARE:
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   (iii) LANE 3RD FROM DETECTOR PIT - RED
   (iv) LANE 4TH FROM DETECTOR PIT - BLACK

3. OVERCUT TO ENSURE FULL DEPTH OF SLOT AT INTERSECTIONS.
4. WHERE TWO DETECTORS ARE USED FOR RIGHT TURN FACILITY, THE DETECTORS WILL BE CONNECTED SEPARATELY.
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6. LOOP DETECTOR CABLE IS TO BE V90HT30/0.25

WARNING

BEWARE OF UNDERGROUND SERVICES

The locations of underground services are approximate only and that exact position should be proven on site. No guarantee is given that all existing services are shown.