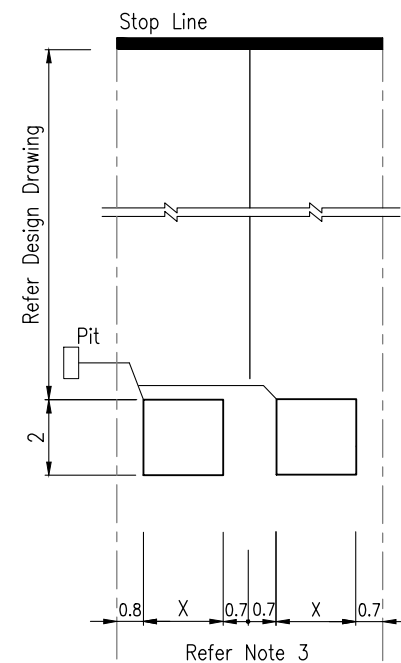
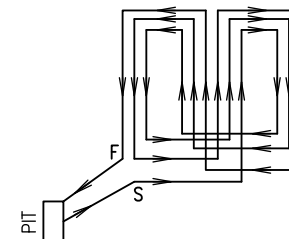


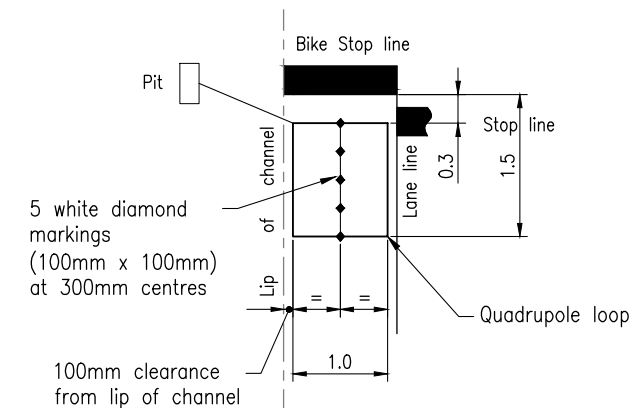
TYPICAL PLACEMENT
OF STOP LINE (LOCKING) LOOPS AND
RIGHT TURN (NON-LOCKING) LOOPS



TYPICAL PLACEMENT
OF ADVANCE (LOCKING) LOOPS



QUADRUPOLE LOOP WIRING EXAMPLE DIAGRAM



BICYCLE LOOP DETAIL (1.2 wide lane)

NOTES:

- Counting or queue loops in slip lanes should be located away from pedestrian crossings.
- Rectangular loops: Where rectangular loops are shown, design may have quadrupole loops substituted if vehicle identification will be required.
- Dimension X is derived from the lane width. Where lane widths are wider than 4.5m, two loops electrically connected in series and 0.3m apart shall be used.
- Unless shown otherwise, loop dimensions are from nearest edges of line marking. Where there is no line marking, dimensions are from edges of formed pavement.
- For red light cameras, refer project specific documentaion.
- Dimensions are in metres unless shown otherwise.

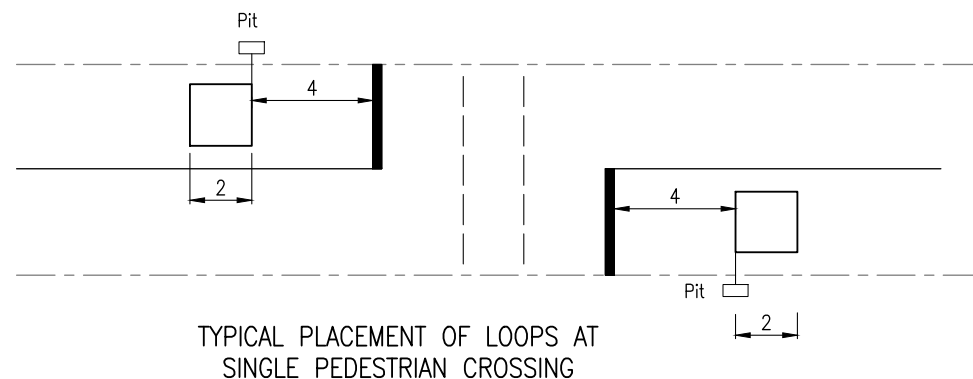
ASSOCIATED DEPARTMENTAL DOCUMENTS:

- Manual of Uniform Traffic Control Devices (MUTCD)
 - Part 14 Traffic Signals
- Traffic and Road Use Management (TRUM)
 - Volume 4 Part 5 Configuration and Placement of Traffic Sensors

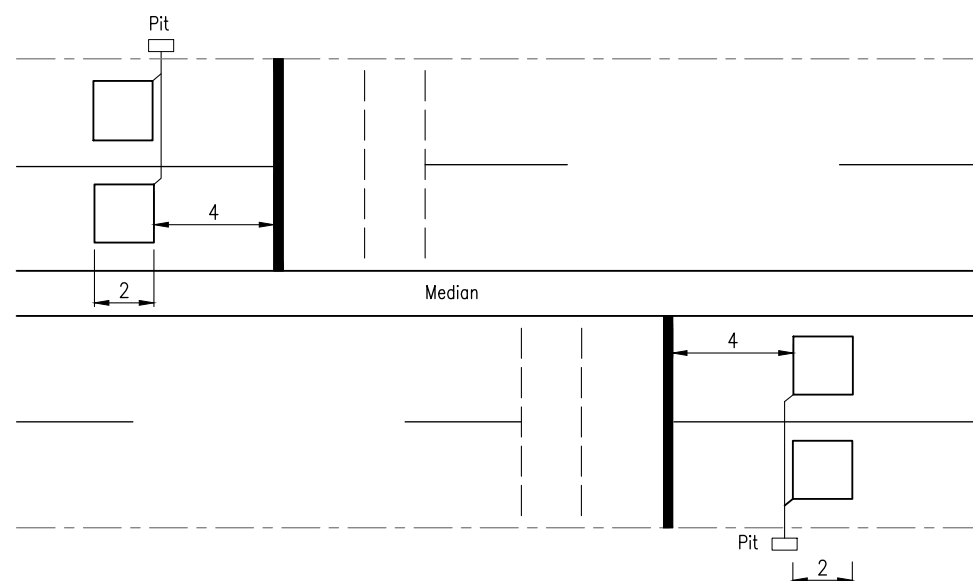
REFERENCED DOCUMENTS:

- Departmental Standard Drawings:
 - 1424 Traffic Signals – Detector Loops Installation Details
 - 1701 ITS – Detector Loops Counting/Right Turn Loops and Diode Connection Details

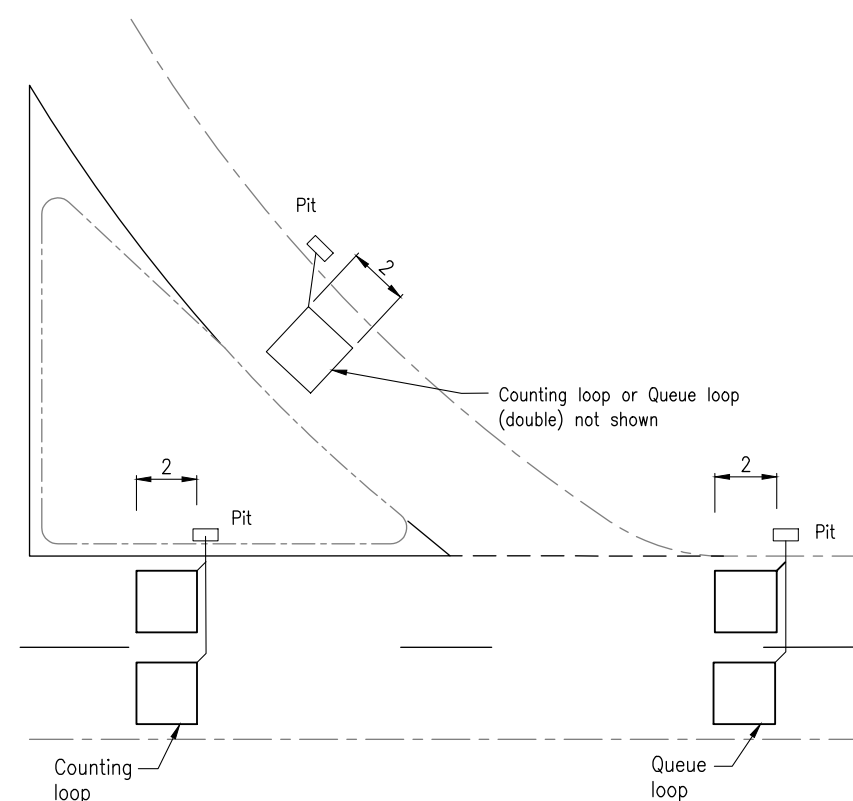
Departmental Specifications:
MRTS93 Traffic Signals





TYPICAL PLACEMENT OF LOOPS AT
SINGLE PEDESTRIAN CROSSING



TYPICAL PLACEMENT OF LOOPS AT SPLIT
PEDESTRIAN CROSSING



TYPICAL PLACEMENT
OF COUNTING LOOPS
AND QUEUE LOOPS

Department of Transport and Main Roads			
TRAFFIC SIGNALS			
DETECTOR LOOPS PLACEMENT DETAILS		A3 Not to Scale	Standard Drawing No 1425 Date 05/2026