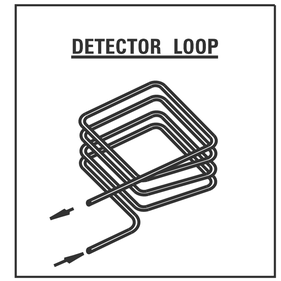
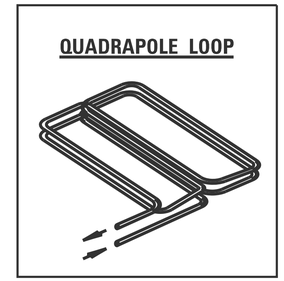
| LOOP DESIGNATION | NUMBER OF TURNS | READING @ HANDHOLE OR JUNCTION BOX | | | | READING @ CONTROLLER | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | CALCULATED | | METERED | | CALCULATED | | METERED | |
| | | mh | W | mh | W | mh | W | mh | W |
| WRE | 4 | 139 | 0.31 | | 165 | 4.18 | | | |
| WLB | 2 | 194 | 0.91 | | 207 | 2.85 | | | |
| WLT | 2-4-2 | 407 | 1.37 | | | 421 | 3.31 | | |
| SLB | 2 | 188 | 0.78 | | | 193 | 1.46 | | |
| SLT | 2-4-2 | 463 | 1.50 | | | 468 | 2.18 | | |
| SMB | 2 | 179 | 0.69 | | | 183 | 1.37 | | |
| SMP | 2-4-2 | 575 | 1.75 | | | 579 | 2.43 | | |
| SRB | 2 | 183 | 0.64 | | | 187 | 1.32 | | |
| SRT | 2 | 196 | 0.69 | | | 201 | 1.36 | | |
| ELB | 2 | 196 | 0.96 | | | 201 | 1.8 | | |
| ELT | 2-4-2 | 389 | 1.32 | | | 395 | 2.17 | | |
| ELE | 4 | 145 | 0.44 | | | 171 | 4.28 | | |
| ERE | 4 | 142 | 1.27 | | | 228 | 13.87 | | |
| ERL | 4 | 140 | 1.11 | | 226 | 13.71 | | | |
| ELF | 4 | 144 | 1.41 | | 270 | 20.07 | | | |
| ERF | 4 | 142 | 4.04 | | | 268 | 22.71 | | |
| NLB | 2 | 189 | 3.54 | | | 266 | 13.90 | | |
| NLT | 2-4-2 | 407 | 4.48 | | | 484 | 15.85 | | |
| NMP | 2-4-2 | 500 | 5.15 | | | 577 | 16.52 | | |
| NMB | 2 | 179 | 7.56 | | | 256 | 18.92 | | |
| NRT | 2 | 111 | 4.85 | | | 188 | 16.21 | | |
| NRB | 2 | 111 | 4.85 | | | 188 | 16.21 | | |

INSERT JOB SPECIFIC INFORMATION

EXAMPLE ONLY




INSTALLING THE LOOP WIRE:
THE NEGATIVE LEAD SHALL BE CONNECTED TO THE BLACK CONDUCTOR OF A PAIR OF CONDUCTORS IN THE LEAD-IN CABLE AND THE POSITIVE LEAD SHALL BE CONNECTED TO THE COLOR-CODED CONDUCTOR OF THE CABLE PAIR.

**DETECTOR LOOP WIRE INSTALLATION**

DETECTOR NOTES:

1. THE DETECTOR LOOP SHALL BE CENTERED IN THE LANE IN WHICH IT IS SHOWN. ANY ADJUSTMENTS ARE TO BE MADE ONLY AT THE DIRECTION OF THE ENGINEER.
2. THE DETECTOR LOOPS SHALL CONSIST OF THE NUMBER OF TURNS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
3. ACCEPTANCE OF THE LOOPS AS METERED SHALL BE DETERMINED BY THE ENGINEER.
4. ALL DETECTOR WIRES SHALL BE MARKED WITH WATERPROOF LABELS USING THE WIRING IDENTIFICATION SHOWN ON THE PLANS. THE + AND - OF EACH LOOP MUST BE USED TO IDENTIFY CURRENT FLOW. ALWAYS CONNECT THE BLACK WIRE OF EACH PAIR TO THE NEGATIVE (-) LOOP WIRE.
5. ALL QUADRAPOLE LOOPS SHALL BE 2-4-2 DESIGN.



**DISTRICT SIX**
**TRAFFIC SIGNAL DETECTOR LOOP DETAILS**