LOOP DESIGNATION	NUMBER OF TURNS	READING @ HANDHOLE OR JUNCTION BOX				READING @ CONTROLLER			
		CALCULATED		METERED		CALCULATED		METERED	
		$\mu\eta$	Ω	$\mu\eta$	Ω	$\mu\eta$	Ω	$\mu\eta$	Ω
FAIRGROUNDS & IL 127									
SAF	4	138	0.29			178	6.14		
SAE	4	138	0.29			166	4.43		
SLB	2	185	0.69			204	3.51		
SLT	2-4-2	417	1.23			436	4.05		
NAF	4	138	0.29			148	1.66		
NAE	4	138	0.29			147	1.53		
NLB	2	185	0.69			185	0.69		
NLT	2-4-2	413	1.23			413	1.23		
WAP	2	192	0.72			192	0.72		
EAP	2	197	0.72			197	0.72		

DETECTOR LOOP   QUADRUPOLE LOOP

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
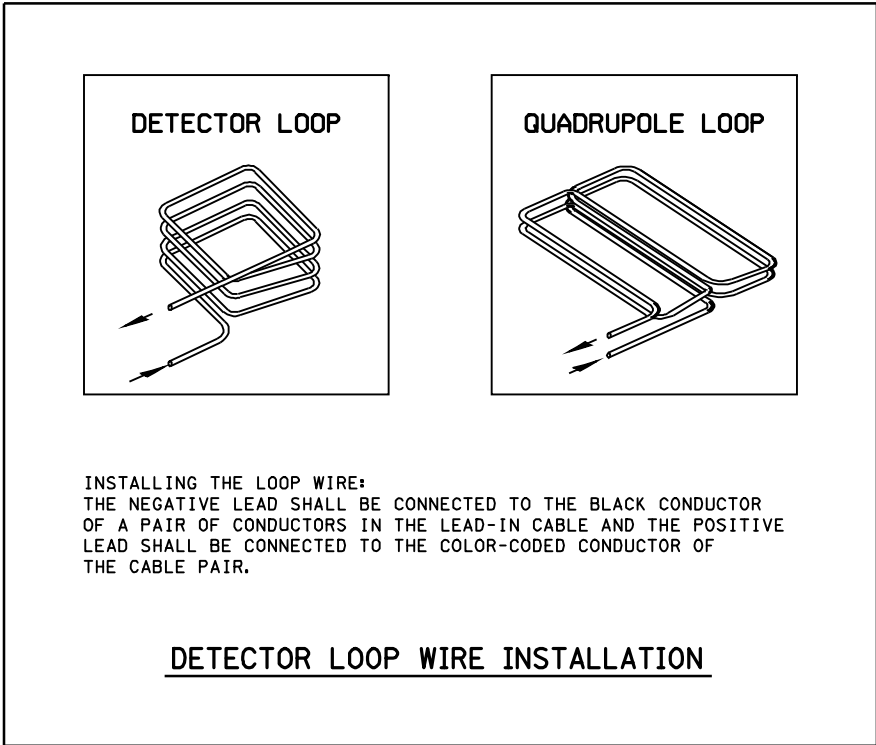
DETECTOR NOTES:

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.

*-325, 42
**- 20RS-7, 21RS-6, 104RS, 105RS-4