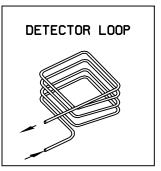
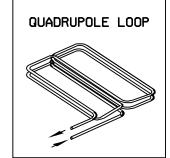
LOOP DESIGNATION	NUMBER OF TURNS	READING & HANDHOLE OR JUNCTION BOX				READING @ CONTROLLER				LOOP DESIGNATION	NUMBER	READING & HANDHOLE OR JUNCTION BOX				READING @ CONTROLLER			
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EAE	4	147	0.49			172	4.26 3.22												
ELB	2	186	0.73			203	3.22		-		_								
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WAF	4 4	146	0.46			178	5.36				+								
WAF NAP	2-4-2		0.43			338	2.86				-								
NRT	2-4-2	135	0.48			148	2.38												
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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:

SCALE:

- 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.

DEPARTMENT OF TRANSPORTATION

	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TRAFFIC SIGNAL DETECTOR LOOP DETAILS	321	106RS-5, 18RS-11	PIKE	41	40
			CONTRACT	T NO. 7	2C43
SHEET NO. OF SHEETS STA. TO STA.	FED. RO	DAD DIST. NO. ILLINOIS FED. AI	D PROJECT		