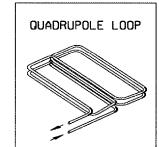
F.A.U. RTE.	SECT10	4 C	COUNTY		OTAL	SHEET NO.
8027	12RS-4,T	S-1 S	ANGAMO	N .	31	31
STA.		то	STA.			
FED. ROA	D DIST. NO.	ILLINOIS	FED. A	IO PR	OJECT	

DETECTOR 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 OHADRAPOLE LOOPS SHALL BE 2-4-2 DESIGN.
- 5. ALL QUADRAPOLE LOOPS SHALL BE 2-4-2 DESIGN.

PAGE 2 OF 2

REVISIONS	TILINOIS	ILLINOIS DEPARTMENT OF TRANSPORTATION				
NAME D	ATE ILLINOIS					
	TRAFFIC S	SIGNAL DETECTOR	LOOP DETAILS			
	SCALE: VERT,		DRAWN BY			
	DATE: MAY 2, 1	996	CHECKED BY WCD			

READING @ HANDHOLE OR READING & HANDHOLE OR NUMBER READING @ CONTROLLER **NUMBER** READING CONTROLLER JUNCTION BOX JUNCTION BOX LOOP DESIGNATION LOOP DESIGNATION 0F OF CALCULATED METERED
μη Ω μη Ω CALCULATED METERED
μη Ω μη Ω TURNS TURNS 183 6.74 168 4.66 452 3.68 428 1.55 154 2.58 169 4.68 429 2.31 157 2.65 171 4.75 NAE NFP

DETLOOP