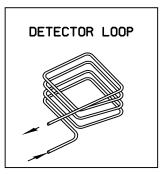
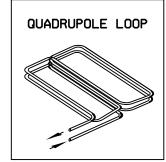
LOOP DESIGNATION	NUMBER	R	EADING Q	HANDHOLE OR	RE	ADING e (	CONTROLLER		NUMBER	ļ 6	READING <b>e</b> HA	ANDHOLE OR	READING @ CONTROLLER			
	0F TURNS 2-4-2	JUNCTION BOX  CALCULATED METERED			CALCULATED METERED			LOOP DESIGNATION	OF TUDNS	JUNCTION BOX CALCULATED METERED			CALCULATED METERED			
		μη 408	<u>Ω</u> 1.25	μη Ω	<b>μη</b> 422	<u>Ω</u> 3.28	μη Ω		TURNS	μη	Ω	μη Ω	μη	Ω	μη	1
ELB	2 2	186	0.73		200	2.77										+
EAP	2-4-2	438	1.27		451	3.30							Ħ			$\overline{}$
EAB	2	177	0.65		191	2.68										$\Box$
EAF	3	128	0.38		167	6.08										₩
WLT	2-4-2	440	1.31		456	3.75		<b> </b>					<b>H</b>			₩
WLB WAP	2-4-2	186 421	0.71 1.21		202 437	3.15 3.64										+-
WAB	2	176	0.63		193	3.06							<del>                                     </del>			+-
WAF	4	140	0.33		182	6.57							<u> </u>			+
SLT	2-4-2	424	1.27		431	2.37										
SLB	2	186	0.71		193	1.81										
SAP	2-4-2	405	1.16		412	2.26										₩
SAB SAF	4	176 140	0.63 0.33		184 173	1.73 5.25		1					<b>H</b>			+
NLT	2-4-2	424	1.27		445	4.40										+-
NLB	2	186	0.71		207	3.84							<del>                                     </del>			<b>†</b>
NAP	2-4-2	405	1.16		426	4.29										
NAB	2	176	0.63		197	3.76							1			_
NAF	3	127	0.36		173	7.09		l					H		_	+-
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REVISED

PLOT DATE = Dec-12-2008 02:59:06PM





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.

COUNTY TOTAL SHEET NO.

ADAMS 117 65 SECTION TRAFFIC SIGNAL PLANS & DETAILS (11)N CONTRACT NO. 72817 \* - FAS 1597 & FAU 7830 SCALE: none SHEET NO. 5 OF 6 SHEETS STA. TO STA. FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT