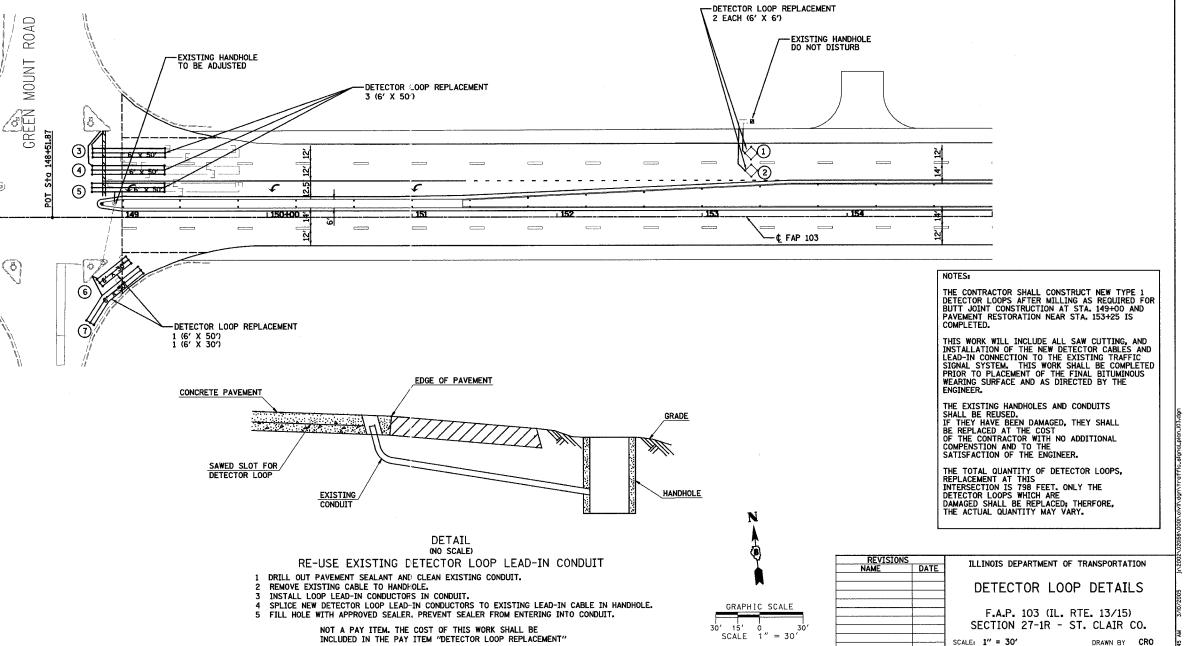
F.A RTE.	SECTION		COUNT	Y	TOTAL SHEETS	SHEET NO.
103	27-1R	'-1R ST. CLAIR		AIR	382	190
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CONTRACT NO. 76300

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 13/15 AND GREENMOUNT RD.

LOO	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED * OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (4H)	CALCULATED RESISTANCE OHMS (A)
1. WB CCC	6	6' × 6'	6	364	2.8
2. WB CC	0 6	6' × 6'	6	367	2.9
3. WB TH	RU 6	6' x 50'	3-6-3	821	2,4
4. WB TH	RU 6	6' × 50'	3-6-3	823	2.4
5. WB LT	1	6' × 50'	3-6-3	831	2.6
6. NB RT	3	6' × 30'	3-6-3	543	2.3
7. NB RT	3	6' × 50'	3-6-3	845	3.0

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.



SCALE: 1" = 30'
DATE Febuary 11, 2005

CHECKED BY RCY