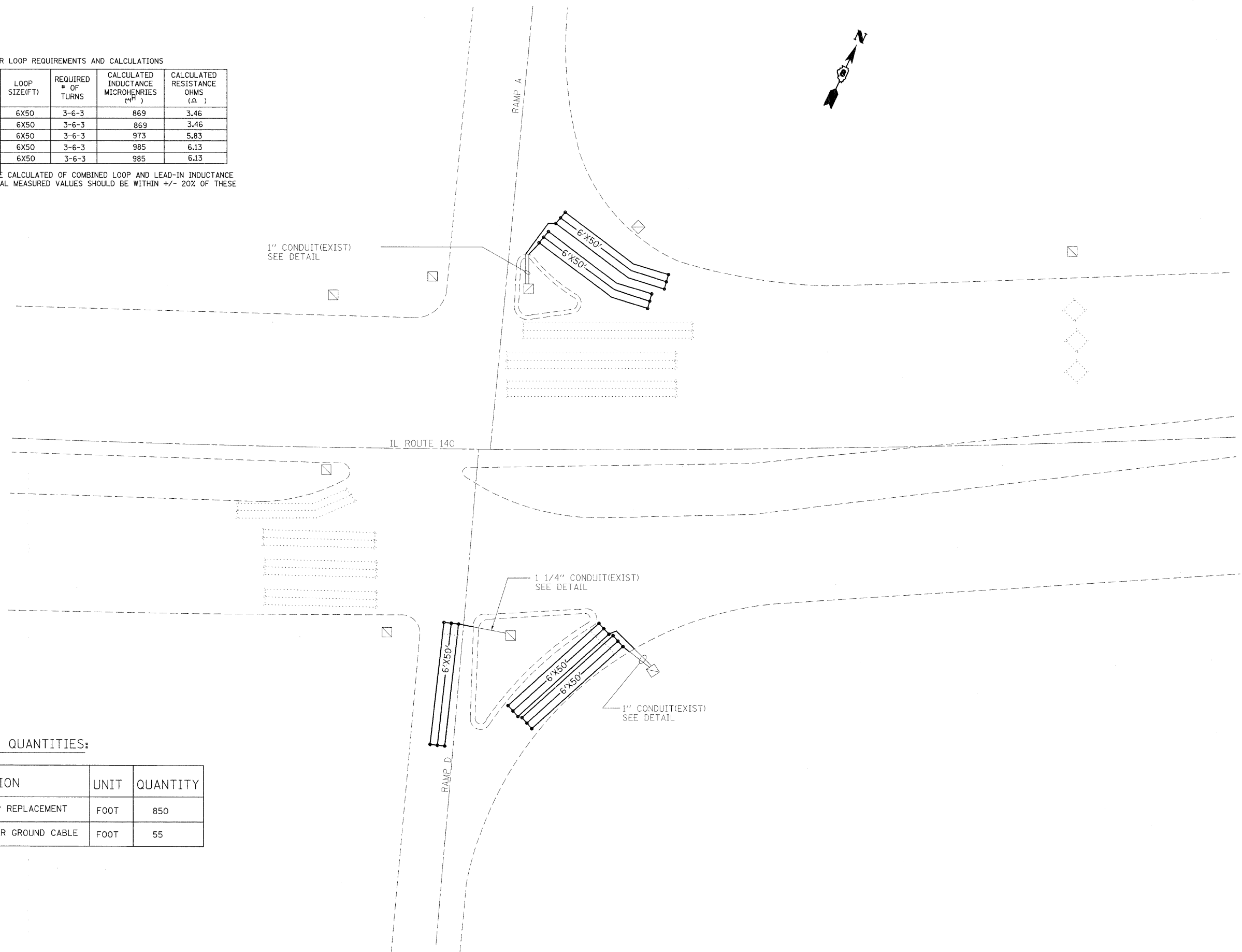


DETECTOR LOOP REQUIREMENTS AND CALCULATIONS

LOOP	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
WB RT TURN LN-CD	6X50	3-6-3	869	3.46
WB RT TURN LN-CD	6X50	3-6-3	869	3.46
NB LT TURN LN-CD	6X50	3-6-3	973	5.83
NB RT TURN LN-CD	6X50	3-6-3	985	6.13
NB RT TURN LN-CD	6X50	3-6-3	985	6.13

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



ELECTRICAL QUANTITIES:

DESCRIPTION	UNIT	QUANTITY
DETECTOR LOOP REPLACEMENT	FOOT	850
LOCATING UNDER GROUND CABLE	FOOT	55