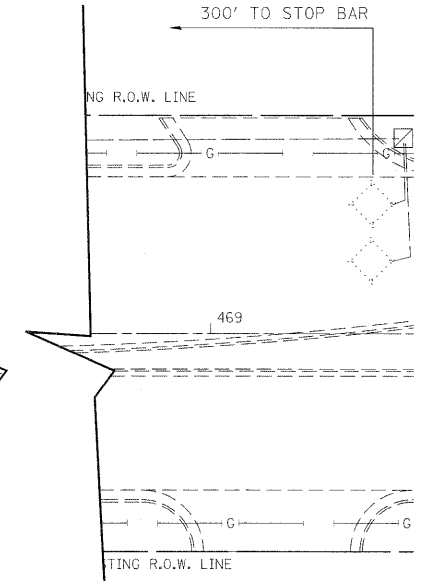
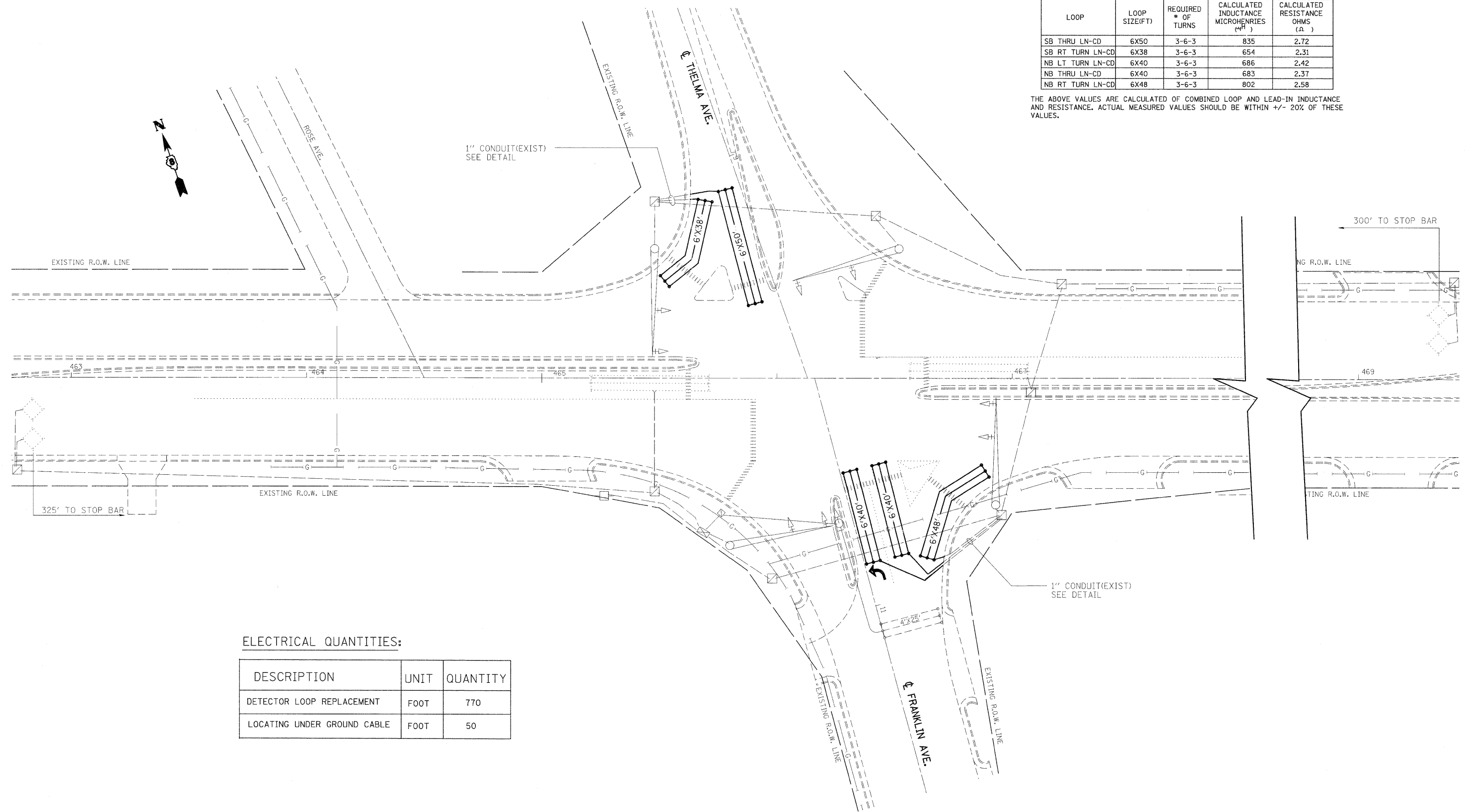


DETECTOR LOOP REQUIREMENTS AND CALCULATIONS

LOOP	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
SB THRU LN-CD	6X50	3-6-3	835	2.72
SB RT TURN LN-CD	6X38	3-6-3	654	2.31
NB LT TURN LN-CD	6X40	3-6-3	686	2.42
NB THRU LN-CD	6X40	3-6-3	683	2.37
NB RT TURN LN-CD	6X48	3-6-3	802	2.58

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	770
LOCATING UNDER GROUND CABLE	FOOT	50