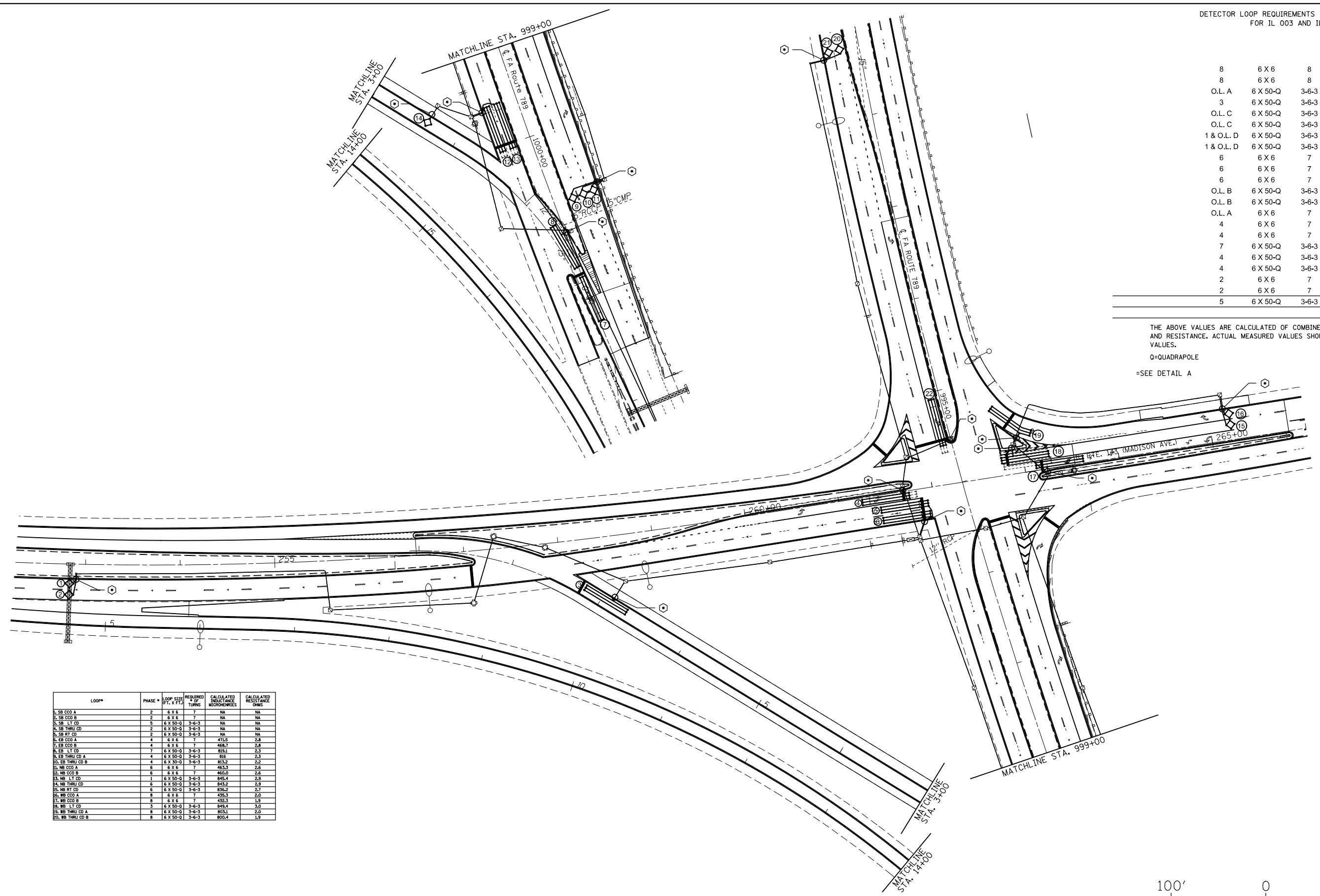


DETECTOR LOOP REQUIREMENTS AND CALCULATIONS
FOR IL 003 AND IL 143

			μH	Ω
8	6 X 6	8	726.9	5.5
8	6 X 6	8	726.9	5.5
O.L. A	6 X 50-Q	3-6-3	858.2	3.2
3	6 X 50-Q	3-6-3	805.4	2.0
O.L. C	6 X 50-Q	3-6-3	797.4	1.9
O.L. C	6 X 50-Q	3-6-3	794.8	1.8
1 & O.L. D	6 X 50-Q	3-6-3	918.0	4.6
1 & O.L. D	6 X 50-Q	3-6-3	909.00	4.4
6	6 X 6	7	496.5	3.4
6	6 X 6	7	493.9	3.3
6	6 X 6	7	491.2	3.3
O.L. B	6 X 50-Q	3-6-3	868.3	3.5
O.L. B	6 X 50-Q	3-6-3	865.4	3.4
O.L. A	6 X 6	7	454.3	2.4
4	6 X 6	7	481.5	3.0
4	6 X 6	7	478.9	3.0
7	6 X 50-Q	3-6-3	830.7	2.6
4	6 X 50-Q	3-6-3	840.6	2.8
4	6 X 50-Q	3-6-3	842.3	2.9
2	6 X 6	7	493.6	3.3
2	6 X 6	7	491.2	3.2
5	6 X 50-Q	3-6-3	811.7	2.2

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

Q=QUADRAPOLE
=SEE DETAIL A



LOOP*	PHASE #	LOOP SIZE FT. X FT.	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES	CALCULATED RESISTANCE OHMS
1. SB CCO A	2	6 X 6	7	NA	NA
2. SB CCO B	2	6 X 6	7	NA	NA
3. SB LT CD	5	6 X 50-Q	3-6-3	NA	NA
4. SB THRU CD	2	6 X 50-Q	3-6-3	NA	NA
5. SB RT CD	2	6 X 50-Q	3-6-3	NA	NA
6. EB CCO A	4	6 X 6	7	471.5	2.8
7. EB CCO B	4	6 X 6	7	468.7	2.8
8. EB LT CD	7	6 X 50-Q	3-6-3	819.1	2.3
9. EB THRU CD A	4	6 X 50-Q	3-6-3	816	2.3
10. EB THRU CD B	4	6 X 50-Q	3-6-3	813.2	2.2
11. MB CCO A	6	6 X 6	7	483.3	2.6
12. MB CCO B	6	6 X 6	7	480.0	2.6
13. MB LT CD	1	6 X 50-Q	3-6-3	845.4	2.9
14. MB THRU CD	6	6 X 50-Q	3-6-3	843.2	2.9
15. MB RT CD	6	6 X 50-Q	3-6-3	836.2	2.7
16. MB CCO A	8	6 X 6	7	455.3	2.0
17. MB CCO B	8	6 X 6	7	432.3	1.9
18. MB LT CD	3	6 X 50-Q	3-6-3	848.4	3.0
19. MB THRU CD A	8	6 X 50-Q	3-6-3	803.1	2.0
20. MB THRU CD B	8	6 X 50-Q	3-6-3	800.4	1.9

