



LOOP	PHASE (Φ)	LOOP SIZE (FTXFT)	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)	REQUIRED # OF TURNS
1. EB LT CD	1	6 X 50 Q	802.7	2.0	3-6-3
2. EB THRU CD A	6	6 X 50 Q	796.6	1.8	3-6-3
3. EB THRU CD B	6	6 X 50 Q	790.4	1.7	3-6-3
4. EB RT CD	6	6 X 50 Q	789.5	1.7	3-6-3
5. NB LT CD	4	6 X 50 Q	797.0	1.8	3-6-3
6. NB THRU CD	4	6 X 50 Q	792.6	1.7	3-6-3
7. NB RT CD	4	6 X 50 Q	790.6	1.7	3-6-3
8. WB LT CD	5	6 X 50 Q	813.5	2.2	3-6-3
9. WB THRU CD A	2	6 X 50 Q	795.2	1.8	3-6-3
10. WB THRU CD B	2	6 X 50 Q	788.4	1.6	3-6-3
11. WB RT CD	2	6 X 50 Q	790.2	1.7	3-6-3
12. SB LT CD	3	6 X 50 Q	813.9	2.2	3-6-3
13. SB THRU CD A	3	6 X 50 Q	797.0	1.8	3-6-3
14. SB THRU CD B	3	6 X 50 Q	791.1	1.7	3-6-3
15. SB RT CD	3	6 X 50 Q	790.2	1.7	3-6-3

FILE NAME = c:\pw\work\VP\WIDOT\WATERSLE\B174384\d8	USER NAME = watorolo 6d75-ah4-plan.dgn	DESIGNED - DRAWN -	REVISED - REVISED -
PLOT SCALE = 100.0000 // IN.	DATE = 3/17/2010	CHECKED - DATE -	REVISED - REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ELECTRICAL DETAILS

SCALE: NONE SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A. BTE 9228 / 9189	SECTION (Z-1)RS-2, 29RS-6	COUNTY ST. CLAIR	TOTAL SHEETS 33	SHEET NO. 31
CONTRACT NO. 76D75				
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				