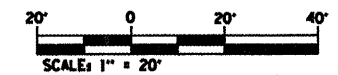


LOOP	PHASE (Φ)	FT. X FT.	CALCULATED	CALCULATED	REQUIRED
			INDUCTANCE MICROHENRIES (μH)	RESISTANCE OHMS (Ω)	# OF TURNS
1. EB LT CD	5	6 X 50 0	844.1	2.9	3-6-3
2. EB THRU CD	2	6 X 50 0	838.1	2.8	3-6-3
3. NB LT CD	N/A	N/A	N/A	N/A	N/A
4. NB THRU CD	N/A	N/A	N/A	N/A	N/A
5. NB RT CD	N/A	N/A	N/A	N/A	N/A
6. WB LT CD	1	6 X 50 0	808.4	2.1	3-6-3
7. WB THRU CD	6	6 X 50 0	800.7	1.9	3-6-3
8. WB RT CD	6	6 X 45 0	722.9	1.7	3-6-3
9. SB LT CD	N/A	N/A	N/A	N/A	N/A
10. SB THRU CD	N/A	N/A	N/A	N/A	N/A
11. SB RT CD	4	6 X 30 0	518.6	1.7	3-6-3



FILE NAME =	USER NAME = alfordb	DESIGNED -	REVISED -
ca\p...ork\psidot\alfordb\08174224\0876...	57-shr-TSL.dgn	DRAWN -	REVISED -
PLOT SCALE = 48.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 3/2/2010		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
US 50 AT LINCOLN AVENUE**

SCALE: 1" = 20" SHEET NO. OF SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9166	32RS-3, 31RS-3, 1RS-1	ST. CLAIR	56	47
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76069	