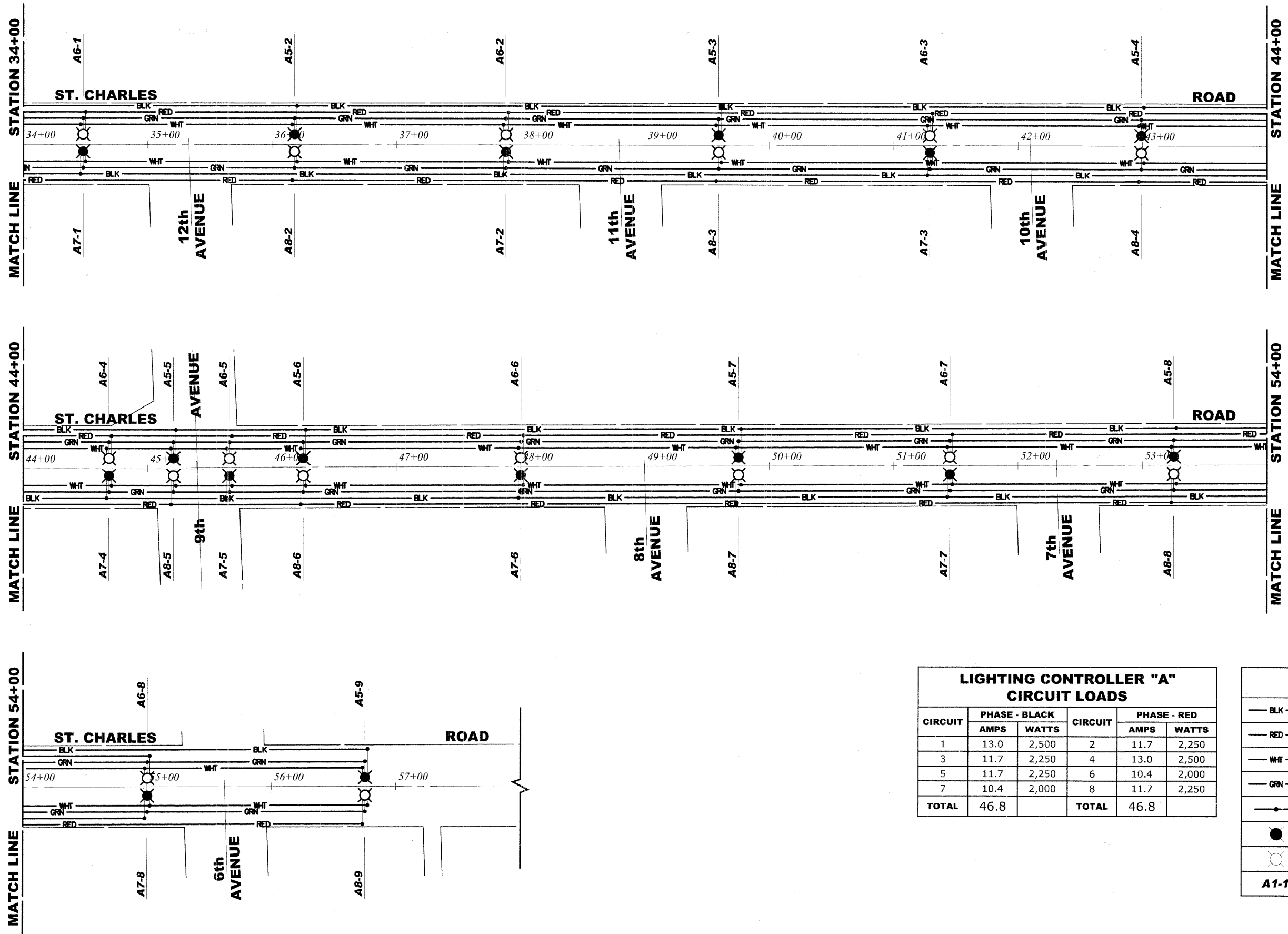


Drawing file: W:\Projects\56508200 - St. Charles Rd\52-St. Charles Lighting.dwg Nov 30, 2009 - 2:53pm



LIGHTING CONTROLLER "A" CIRCUIT LOADS					
CIRCUIT	PHASE - BLACK		CIRCUIT	PHASE - RED	
	AMPS	WATTS		AMPS	WATTS
1	13.0	2,500	2	11.7	2,250
3	11.7	2,250	4	13.0	2,500
5	11.7	2,250	6	10.4	2,000
7	10.4	2,000	8	11.7	2,250
TOTAL	46.8		TOTAL	46.8	

LEGEND OF SYMBOLS	
	240 VOLT PHASE CABLE (BLACK)
	240 VOLT PHASE CABLE (RED)
	240 VOLT NEUTRAL CABLE (WHITE)
	GROUND WIRE (GREEN)
	SPLICE
	PROPOSED 250 WATT METAL HALIDE LUMINAIRE (240 VOLT) ON BLACK WIRE
	PROPOSED 250 WATT METAL HALIDE LUMINAIRE (240 VOLT) ON RED WIRE
A1-1	PROPOSED CIRCUIT/POLE NUMBER

HANCOCK ENGINEERING
 Civil Engineers
 Municipal Consultants
 Established 1911

1033 Riverside Road
 Westchester, Illinois 60154-1786
 Phone: 708-660-8300
 Fax: 708-660-1212

USER NAME -	DESIGNED - MK/SBC	REVISED -
PLOT SCALE -	DRAWN - MK/LEV	REVISED -
PLOT DATE -	CHECKED - SBC/JGMV	REVISED -
	DATE - 11-30-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILLUMINATION WIRING DIAGRAM

SCALE: 1" = 40' SHEET NO. 2 OF 2 SHEETS STA. 34+00 TO STA. 58+00

F.A.U. RTE. 1397	SECTION 09-00129-00-PV	COUNTY COOK	TOTAL SHEETS 103	SHEET NO. 58
CONTRACT NO. 6342B			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003 (267)	
(BOOK NOS. 1579, 1583, 1589) E.H.E PROJECT NO. 565-08-29001				