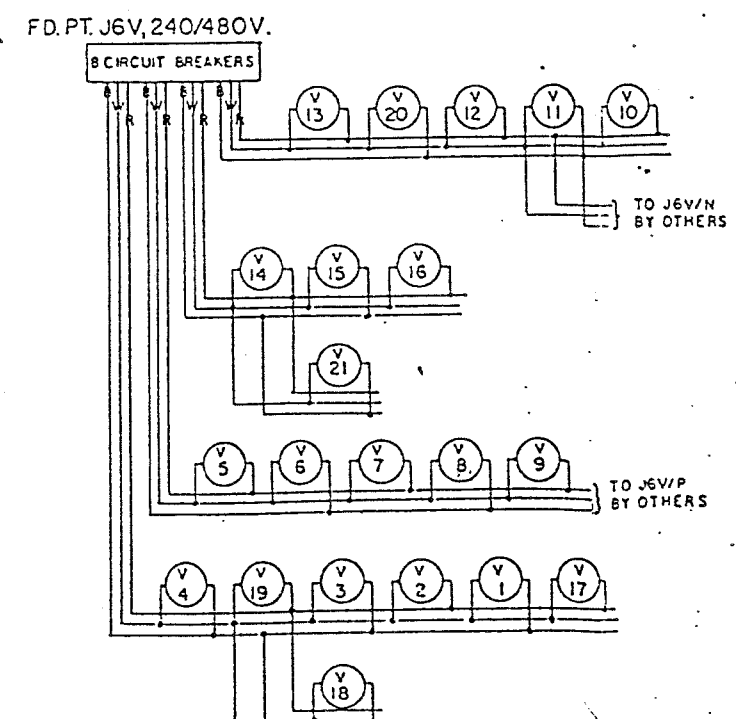
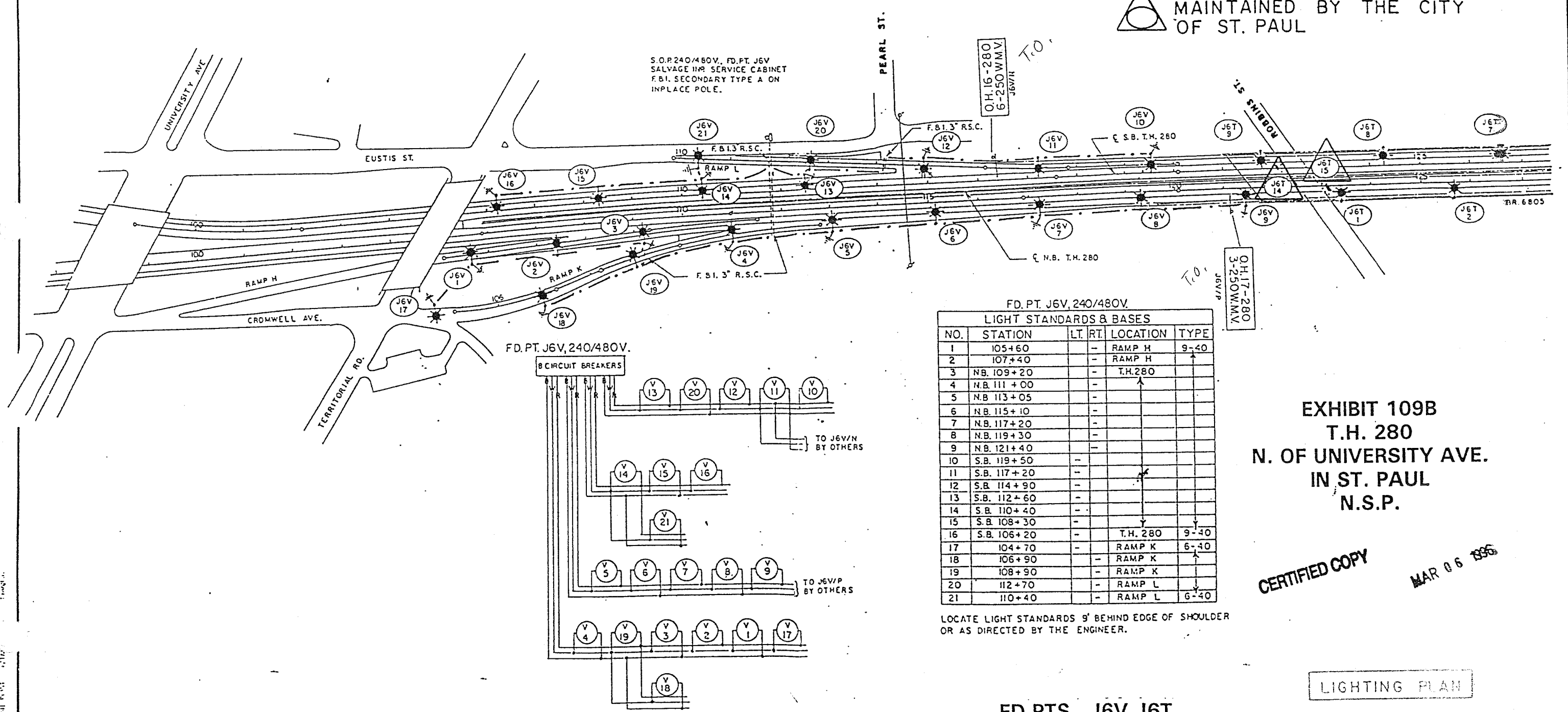


SHEET TOTAL
26 - 200 WATT HIGH PRESSURE SODIUM LIGHTING UNITS
9 - 250 WATT MERCURY VAPOR SIGN LIGHTS

- ⊕ SOURCE OF POWER (POLE MOUNTED)
- ⊕ F.B.I. PERMANENT GROUND ROD (25 OHMS OR LESS)
- RIGID STEEL CONDUIT INP.
- ==== F.B.I. RIGID STEEL CONDUIT
- ⊙ LIGHTING UNIT INP.
- ⊙ F.B.I. LIGHTING UNIT, 200 WATT HIGH PRESSURE SODIUM
- ⊙ UNDERPASS LIGHTING UNIT, TYPE M
- DIRECT BURIED POWER CABLE, 3 CONDUCTOR NO. 4 ARMORED CABLE. SEE SPEC. NO. 3804 OR 3805.
- ARMORED CABLE INP.
- PULL BOX BY OTHERS
- ⊕ OVERHEAD ILLUMINATED SIGN BY OTHERS
- ⊙ F.B.I. ONE ADDITIONAL 2" CONDUIT ELBOW
- △ MAINTAINED BY THE CITY OF ST. PAUL



FD. PT. J6V, 240/480V.

LIGHT STANDARDS & BASES					
NO.	STATION	LT.	RT.	LOCATION	TYPE
1	105+60		-	RAMP H	9-40
2	107+40		-	RAMP H	
3	N.B. 109+20		-	T.H. 280	
4	N.B. 111+00		-		
5	N.B. 113+05		-		
6	N.B. 115+10		-		
7	N.B. 117+20		-		
8	N.B. 119+30		-		
9	N.B. 121+40		-		
10	S.B. 119+50		-		
11	S.B. 117+20		-		
12	S.B. 114+90		-		
13	S.B. 112+60		-		
14	S.B. 110+40		-		
15	S.B. 108+30		-		
16	S.B. 106+20		-	T.H. 280	9-40
17	104+70		-	RAMP K	6-40
18	106+90		-	RAMP K	
19	108+90		-	RAMP K	
20	112+70		-	RAMP L	
21	110+40		-	RAMP L	6-40

LOCATE LIGHT STANDARDS 9' BEHIND EDGE OF SHOULDER OR AS DIRECTED BY THE ENGINEER.

EXHIBIT 109B
T.H. 280
N. OF UNIVERSITY AVE.
IN ST. PAUL
N.S.P.

CERTIFIED COPY
MAR 06 1966

LIGHTING PLAN

B AND R DENOTE CURRENT CARRYING CONDUCTORS
 W DENOTES NEUTRAL CONDUCTOR

FD PT. J6T, 120/240V.

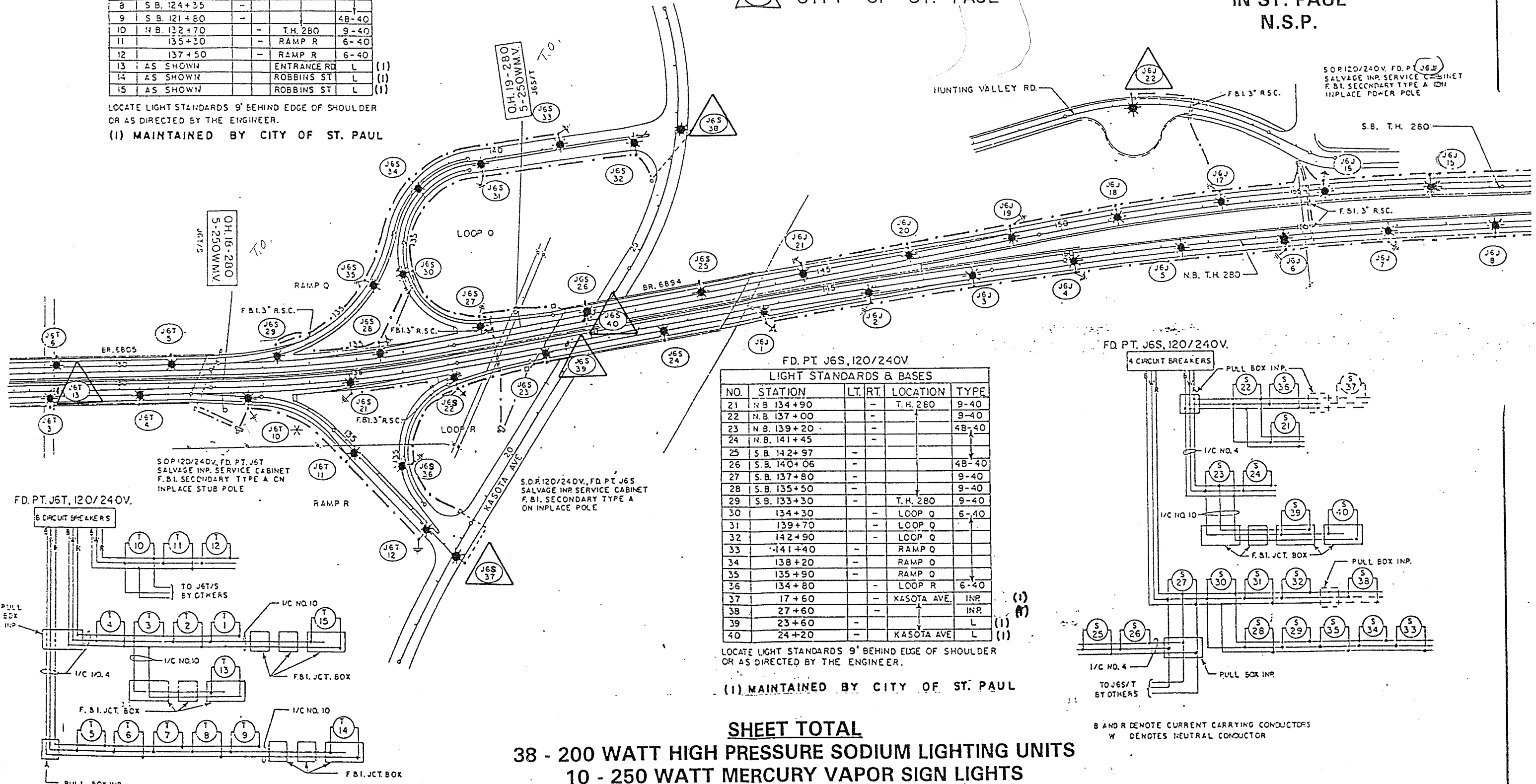
LIGHT STANDARDS & BASES					
NO.	STATION	LT	RT	LOCATION	TYPE
1	N.B. 123+40	-	-	T.H. 280	4B-40
2	N.B. 125+75	-	-		
3	N.B. 128+50	-	-		
4	N.B. 130+45	-	-		
5	S.B. 131+05	-	-		
6	S.B. 128+65	-	-		
7	S.B. 126+65	-	-		
8	S.B. 124+35	-	-		
9	S.B. 121+80	-	-		4B-40
10	N.B. 132+70	-	-	T.H. 280	9-40
11	135+30	-	-	RAMP R	6-40
12	137+50	-	-	RAMP R	6-40
13	AS SHOWN			ENTRANCE RD	L (1)
14	AS SHOWN			ROBBINS ST	L (1)
15	AS SHOWN			ROBBINS ST	L (1)

LOCATE LIGHT STANDARDS 9' BEHIND EDGE OF SHOULDER OR AS DIRECTED BY THE ENGINEER.

(1) MAINTAINED BY CITY OF ST. PAUL

EXHIBIT 109B
T.H. 280
@ KASOTA AVE. & ENERGY PARK DR.
IN ST. PAUL
N.S.P.

MAINTAINED BY THE
CITY OF ST. PAUL

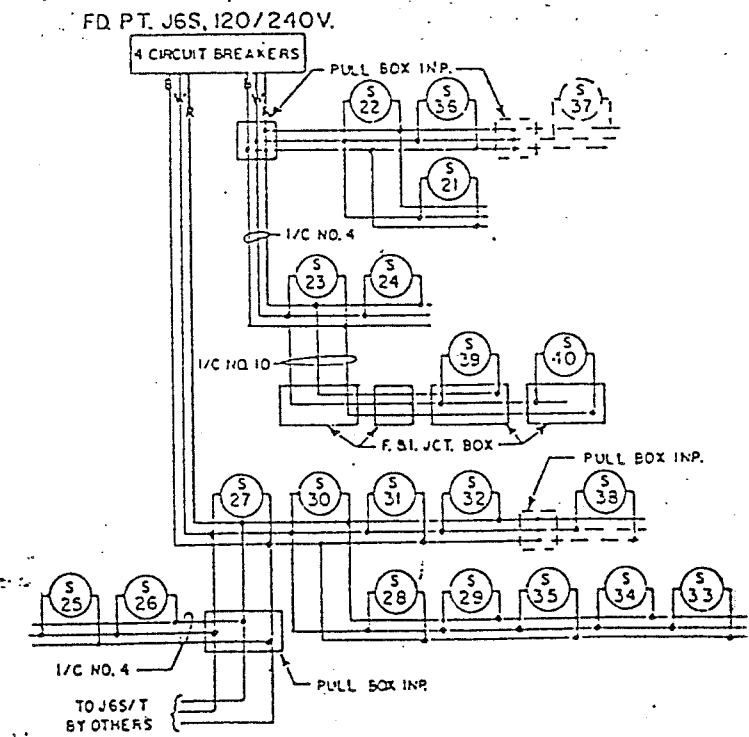


FD. PT. J6S, 120/240V.

LIGHT STANDARDS & BASES					
NO.	STATION	LT	RT	LOCATION	TYPE
21	N.B. 134+90	-	-	T.H. 280	9-40
22	N.B. 137+00	-	-		9-40
23	N.B. 139+20	-	-		4B-40
24	N.B. 141+45	-	-		
25	S.B. 142+97	-	-		
26	S.B. 140+06	-	-		4B-40
27	S.B. 137+80	-	-		9-40
28	S.B. 135+50	-	-		9-40
29	S.B. 133+30	-	-	T.H. 280	9-40
30	134+30	-	-	LOOP Q	6-40
31	139+70	-	-	LOOP Q	
32	142+90	-	-	LOOP Q	
33	141+40	-	-	RAMP Q	
34	138+20	-	-	RAMP Q	
35	135+90	-	-	RAMP Q	
36	134+80	-	-	LOOP R	6-40
37	17+60	-	-	KASOTA AVE.	INP (1)
38	27+60	-	-		INP (1)
39	23+60	-	-		L (1)
40	24+20	-	-	KASOTA AVE.	L (1)

LOCATE LIGHT STANDARDS 9' BEHIND EDGE OF SHOULDER OR AS DIRECTED BY THE ENGINEER.

(1) MAINTAINED BY CITY OF ST. PAUL



B AND R DENOTE CURRENT CARRYING CONDUCTORS
W DENOTES NEUTRAL CONDUCTOR

SHEET TOTAL
38 - 200 WATT HIGH PRESSURE SODIUM LIGHTING UNITS
10 - 250 WATT MERCURY VAPOR SIGN LIGHTS

B AND R DENOTE CURRENT CARRYING CONDUCTORS
W DENOTES NEUTRAL CONDUCTOR

LIGHTING PLAN

FD. PTS. J6T, J6S, J6J

State Proj. No. 6242-59 (T.H. 280 = 280)

Sheet No. 2 of 4