REVISIONS				
SYM	DESCRIPTION	DATE	APPRD.	LTR. NO.
	RELEASED FOR PRODUCTION			

CONNECTOR A -22-53S (53 PIN)

PIN	WIRE NO.	FUNCTION
A		RESERVED
B	A-2	+24 VDC EXT
C	A-3	VOLTAGE MONITOR
D	A-4	Ø1 RED
E	A-5	Ø1 DW
F	A-6	Ø2 RED
G	A-7	Ø2 DW
H	A-8	Ø2 PED CLEAR
J	A-9	Ø2 WALK
K	A-10	Ø2 VEH CALL DET
L	A-11	Ø2 PED CALL DET
M	A-12	Ø2 HOLD
N	A-13	STOP TIMING (-)
P	A-14	INHIB MAX TERM(-)
R	A-15	EXT START
S	A-16	INTERVAL ADV
T	A-17	IND LAMP CONT
U	A-18	AC COMMON
V	A-19	CHASSIS GND
W	A-20	LOGIC GND
X	A-21	PX LOGIC OUT
Y	A-22	Ø1 CHASSIS BUS C (-)
Z	A-23	Ø1 YELLOW
a	A-24	Ø1 PED CLEAR
b	A-25	Ø3 YELLOW
c	A-26	Ø3 GREEN
d	A-27	Ø3 CHECK
e	A-28	Ø3 ON
f	A-29	Ø1 VEH CALL DET
g	A-30	Ø1 PED CALL DET
h	A-31	Ø1 HOLD
j	A-32	STOP TIMING (-)
k	A-33	EXT MIN RECALL
m	A-34	PARK CONT ENABLE
n	A-35	PARK CONT ACT I
p	A-36	TEST INPUT A
r	A-37	AC (CONTROL)
s	A-38	LOAD
t	A-39	STATUS BIT B (1)
u	A-40	Ø1 GREEN
v	A-41	Ø1 WALK
w	A-42	Ø1 CHECK
x	A-43	Ø3 PED OMIT
y	A-44	OUT ALL RED CL (1)
z	A-45	RED REST MODE (1)
AA	A-46	SPARE 2
BB	A-47	CALL TO NON ACT 2
CC	A-48	TEST INPUT B
DD	A-49	WALK REST MOD
EE	A-50	STATUS BIT A (1)
FF	A-51	MAX II SEL (1)
GG	A-52	Ø1 PED OMIT
HH	A-53	RED RECYCLE (1)
JJ	A-54	MAX II SEL (1)
KK	A-55	SPARE 3
LL	A-56	SHELL GND

CONNECTOR B -22-35P (35 PIN)

PIN	WIRE NO.	FUNCTION
A	B-1	Ø1 Ø NEXT
B		SPARE
C	B-3	Ø2 DW DRIVER
D	B-4	Ø3 GRN DRIVER
E	B-5	Ø3 YEL DRIVER
F	B-6	Ø3 RED DRIVER
G	B-7	Ø4 RED DRIVER
H	B-8	Ø4 RED CL DRIVER
J	B-9	Ø4 DW DRIVER
K	B-10	Ø4 CHECK
L	B-11	Ø4 VEH CALL DET
M	B-12	Ø4 PED CALL DET
N	B-13	Ø4 VEH CALL DET
P	B-14	Ø3 PED CALL DET
R	B-15	Ø3 Ø OMIT
S	B-16	Ø2 Ø OMIT
T	B-17	Ø5 PED OMIT
U	B-18	Ø1 Ø OMIT
V	B-19	RED RECYCLE (2)
W		SPARE 4
X		SPARE 5
Y	(-)-22	Ø4 RED DRIVER
Z	(-)-23	Ø4 RED CL DRIVER
a	(-)-24	Ø3 DW DRIVER
b	(-)-25	Ø3 GRN DRIVER
c	(-)-26	Ø4 YEL DRIVER
d	(-)-27	Ø4 WALK DRIVER
e	(-)-28	Ø4 Ø ON
f	(-)-29	Ø4 Ø NEXT
g	(-)-30	Ø4 Ø OMIT
h	(-)-31	Ø4 HOLD
j	(-)-32	Ø3 PED OMIT
k	(-)-33	Ø3 RED OMIT
m	(-)-34	Ø4 RED OMIT
n	(-)-35	Ø3 RED OMIT
p	(-)-36	Ø8 RED OMIT
r	(-)-37	OLA YEL DRIVER
s	(-)-38	OLA RED DRIVER
t	(-)-39	Ø3 CHECK
u	(-)-40	Ø3 Ø ON
v	(-)-41	Ø3 Ø NEXT
w	(-)-42	Ø3 RED DRIVER
x		SPARE 6
y	(-)-44	OLD GRN DRIVER
z	(-)-45	Ø4 RED OMIT
AA		SPARE 7
BB	(-)-47	MAX II SEL (2)
CC	(-)-48	OLA GRN DRIVER
DD	(-)-49	OL B YEL DRIVER
EE	(-)-50	OL B RED DRIVER
FF	(-)-51	OL B GRN DRIVER
GG	(-)-52	OL D YEL DRIVER
HH	(-)-53	OL C GRN DRIVER
JJ	(-)-54	OL B GRN DRIVER
KK	(-)-55	OL C YEL DRIVER
LL	(-)-56	SHELL GND

CONNECTOR C -24-61P (61 PIN)

PIN	WIRE NO.	FUNCTION
A	C-1	STATUS BIT A (2)
B	C-2	STATUS BIT B (2)
C	C-3	Ø8 DW DRIVER
D	C-4	Ø8 RED DRIVER
E	C-5	Ø7 YEL DRIVER
F	C-6	Ø7 RED DRIVER
G	C-7	Ø6 RED DRIVER
H	C-8	Ø5 RED DRIVER
J	C-9	Ø5 YEL DRIVER
K	C-10	Ø5 RED CL DRIVER
L	C-11	Ø3 Ø NEXT
M	C-12	Ø3 HOLD
N	C-13	Ø5 ON
P	C-14	Ø5 VEH CALL DET
R	C-15	Ø5 PED CALL DET
S	C-16	Ø6 VEH CALL DET
T	C-17	Ø6 PED CALL DET
U	C-18	Ø7 PED CALL DET
V	C-19	Ø7 VEH CALL DET
W	C-20	Ø8 HOLD
X	C-21	PX RECYCLE (2)
Y	C-22	STOP TIMING (2)
Z	C-23	INHIB MAX TERM (2)
a		SPARE 1
b	C-25	STATUS BIT C (2)
c	C-26	Ø8 WALK DRIVER
d	C-27	Ø8 YEL DRIVER
e	C-28	Ø8 RED DRIVER
f	C-29	Ø6 GRN DRIVER
g	C-30	Ø6 YEL DRIVER
h	C-31	Ø6 WALK DRIVER
j	C-32	Ø5 CHECK
k	C-33	Ø5 Ø ON
m	C-34	Ø5 HOLD
n	C-35	Ø5 Ø OMIT
p	C-36	Ø6 Ø OMIT
r	C-37	Ø6 HOLD
s	C-38	Ø6 Ø OMIT
t	C-39	Ø8 Ø OMIT
u	C-40	Ø8 Ø ON
v	C-41	Ø8 VEH CALL DET
w	C-42	Ø8 PED CALL DET
x	C-43	Ø8 HOLD
y	C-44	Ø8 CHECK
z	C-45	Ø8 Ø NEXT
AA	C-46	Ø7 WALK DRIVER
BB	C-47	Ø7 RED CL DRIVER
CC	C-48	Ø8 WALK DRIVER
DD	C-49	Ø7 CHECK
EE	C-50	Ø7 Ø ON
FF	C-51	Ø7 Ø NEXT
GG	C-52	SHELL GND

SWITCH

CONT	FUNCTION
1	115 VAC
2	CHASSIS GND
3	RED (DW) OUTPUT
4	
5	YELLOW OUTPUT
6	RED (DW) INPUT
7	GREEN (WALK) OUTPUT
8	YELLOW INPUT
9	+24 VDC
10	GREEN (WALK) INPUT
11	AC COMMON
12	

FLASHER

CONT	FUNCTION
7	OUTPUT #1
8	OUTPUT #2
9	CHASSIS GND
10	AC COMMON
11	115 VAC
12	

WIRE LIST FOR M12 CONFLICT MONITOR

WIRE	PIN	MON FUNCT	TO	CONT FUNCT
A-1	A	AC+ II INPUT	3/2	8X115
A-2	B	+24 VDC EXT		
A-3	C	RELAY COM	3/2	TIMER 8X115
A-4	D	START DELAY		
A-5	E	CHAN 1 GRN	BACK	
A-6	F	CHAN 12 GRN	36	Ø8 WALK
A-7	G	CHAN 11 GRN	33	Ø6 WALK
A-8	H	CHAN 10 GRN	30	Ø4 WALK
A-9	J	CHAN 9 GRN	27	Ø2 WALK
A-10	K	CHAN 8 GRN	24	
A-11	L	CHAN 7 GRN	21	Ø8 GRN
A-12	M	CHAN 6 GRN	18	Ø8 GRN
A-13	N	CHAN 5 GRN	15	Ø6 GRN
A-14	P	CHAN 4 GRN	12	Ø4 GRN
A-15	R	CHAN 3 GRN	9	Ø2 GRN
A-16	S	CHAN 2 GRN	6	Ø2 GRN
A-17	T	CHAN 1 GRN	3	Ø1 GRN
A-18	U	+24 MON II	121	+24 VDC MON
A-19	V	LOGIC GND	222	LOGIC GND
A-20	W	CHASSIS GND	GNDB	GROUND
A-21	X	AC-	MINUS	AC COMMON
A-22	Y	OUT REC 1 CON	123	316 CONTROL
A-23	Z	RELAY CLOSE	222	LOGIC GND
A-24	a	CHAN 12 YEL		
A-25	b	CHAN 11 YEL		
A-26	c	CHAN 10 YEL		
A-27	d	CHAN 9 YEL		
A-28	e	CHAN 8 YEL	23	Ø8 YEL
A-29	f	CHAN 7 YEL	20	Ø7 YEL
A-30	g	CHAN 6 YEL	17	Ø6 YEL
A-31	h	CHAN 5 YEL	14	Ø5 YEL
A-32	j	CHAN 4 YEL		
A-33	k	CHAN 3 YEL		
A-34	m	CHAN 2 YEL	5	Ø2 YEL
A-35	n	CHAN 1 YEL	2	Ø1 YEL
A-36	p	COMPUTER MON	213	VOLT MON
A-37	r	+24 MON INHIB	BACK	
A-38	s	OUT REC 1 CON	122	316 CONT
A-39	t	OUT REC 2 CON	253	STOP TIME
A-40	u	CHAN 12 WALK		
A-41	v	CHAN 11 WALK		
A-42	w	CHAN 8 WALK		
A-43	x	CHAN 7 WALK		
A-44	y	CHAN 6 WALK		
A-45	z	CHAN 4 YEL	11	Ø4 YEL
A-46	AA	CHAN 3 WALK		
A-47	BB	CHAN 1 WALK		
A-48	CC	SPARE 1	BACK	
A-49	DD	RESET	BACK	
A-50	EE	CAB INTERCOM	BACK	
A-51	FF	CAB INTERCOM	BACK	
A-52	GG	CHAN 5 WALK		
A-53	HH	CHAN 4 WALK		
A-54	JJ	SPARE 2	BACK	
A-55	KK	SPARE 3	BACK	
A-56	LL	SHELL GND	GNDB	GROUND

WIRE LIST FOR M12 CONFLICT MONITOR

WIRE	PIN	MON FUNCT	TO	CONT FUNCT
B-1	A	AC+ II INPUT	3/2	8X115
B-2	B	+24 VDC EXT		
B-3	C	RELAY COM	3/2	TIMER 8X115
B-4	D	START DELAY		
B-5	E	CHAN 10 GRN	BACK	
B-6	F	CHAN 10 RED	31	
B-7	G	CHAN 11 RED	32	
B-8	H	CHAN 9 RED	28	
B-9	J	CHAN 8 RED	25	Ø8 RED
B-10	K	CHAN 7 RED	22	Ø7 RED
B-11	L	CHAN 6 RED	19	Ø6 RED
B-12	M	CHAN 5 RED	16	Ø5 RED
B-13	N	CHAN 4 RED	13	Ø4 RED
B-14	P	CHAN 3 RED	10	Ø3 RED
B-15	R	CHAN 2 RED	7	Ø2 RED
B-16	S	CHAN 1 RED	4	Ø1 RED
B-17	T	SPARE 1	BACK	
B-18	U	+24 MON III	127	+24 VDC MON
B-19	V	SPARE 2	BACK	
B-20	W	SPARE 3	BACK	
B-21	X	SPARE 4	BACK	
B-22	Y	SPARE 5	BACK	
B-23	Z	CHAN 3 RED	1	Ø3 RED
B-24	a	RED ENABLE	126	SIG ON/OFF
B-25	b	SPARE 6	BACK	
B-26	c	SPARE 7	BACK	
B-27	d	SPARE 8	BACK	
B-28	e	SHELL GND	GNDB	GROUND

NOTES FOR M12 CONFLICT MONITOR

1- TAPE OR CAP ALL UNUSED WIRES

2- USE RING TYPE WIRE LUGS ON ALL FIELD TERMINAL BLOCK CONNECTIONS

3- TO PROGRAM CONFLICT MONITOR, SOLDER JUMPERS IN DIAGRAM AS REQ. FOR ALL PERMISSABLE PHASE MOVEMENTS —JUMPER THE FOLLOWING—

1-3, 1-6, 1-11	6-9, 6-11
2-5, 2-10, 2-9, 2-11	7-10
3-7, 3-8, 3-12	8-10, 8-12
4-7, 4-8, 4-10, 4-12	9-11
5-9	10-12

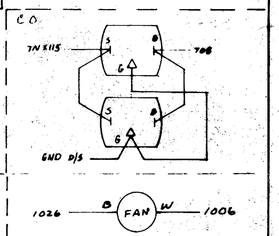
4- MIN FLASH SWITCH TIME SETTING 4 SEC.

DLP: OVERLAP PROG. BD — PHASE PROG.

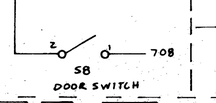
	OL-A	OL-B	OL-C	OL-D
1				
2				
3				
4				
5				
6				
7				
8				

X = JUMPER

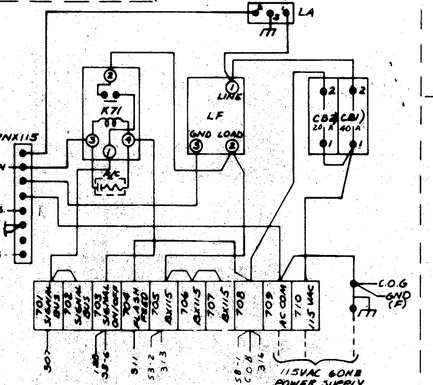
C.O.

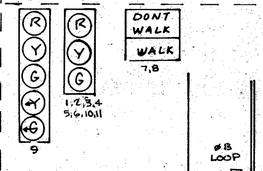


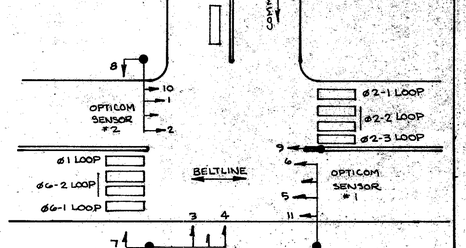
FLUOR LAMP



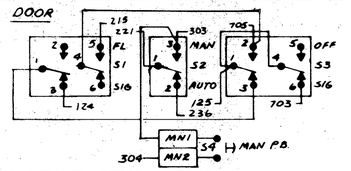
PWR SUPPLY PNL







DOOR



2-30 — 0 — 2 — 301

S9 INDICATOR CONTROL SWITCH

ADDISON Ø8 FIRE PE PROM

ORIGINAL DATE	6/19/86
REDRAWN DATE	11/3/86
DRAFTSMAN	DJW
CHECKER	
DRAFT. SUPV.	
DESIGNER	DAW
ENGINEER	RMC
ENGR. S. B.	

Traffic & Transportation Supply, Inc.

TITLE: ACT 800 IN PA CABINET w/SSM12L & OPTICOM RACK TOWN OF ADDISON

COMMERCIAL BELTLINE

DRAWING NO. 2254-02

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