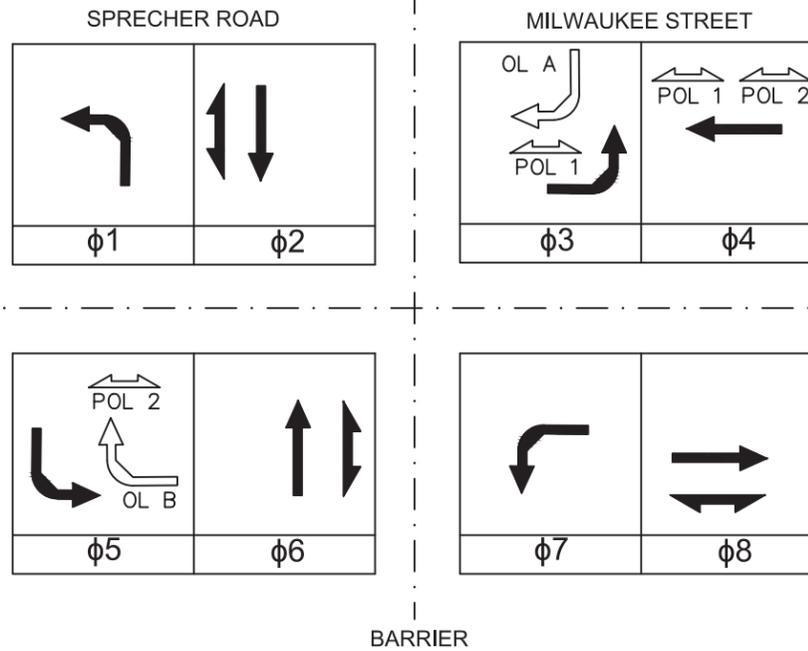






CH.	USE	HEAD NUMBERS	FLASH	O.L. ASSIGNMENTS
1	φ1	NBLT	R	
2	φ2	SB	R	
3	φ3	EBLT	R	
4	φ4	WB	R	
5	φ5	SBLT	R	
6	φ6	NB	R	
7	φ7	WBLT	R	
8	φ8	EB	R	
9	φ2 PED	W XWALK	--	
10	φ2 PED	NW XWALK	--	φ3 + φ4
11	φ6 PED	E XWALK	--	
12	φ8 PED	S XWALK	--	
13	φ2 PED	NE XWALK	--	φ4 + φ5
14	OL A	SBRT	--	φ3, PED OMIT φ3
15	OL B	WBRT	--	φ5, PED OMIT φ5
16	--	--	--	



PREEMPTION ASSIGNMENTS			
PREEMPTION DESIGNATION	PREEMPTION TYPE	EVP CHANNEL	PHASE(S) CALLED
1	RESERVED		
2	RESERVED		
3	NB EVP	A	1, 6
4	SB EVP	B	2, 5
5	EB EVP	C	3, 8
6	WB EVP	D	4, 7
7	NOT USED		
8	NOT USED		
9	NOT USED		
10	NOT USED		

CONTROLLER LOGIC				
PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / φ	PHASE RECALL	PHASE ACTIVE
1	X		NONE	X
2	X		NONE	X
3	X		NONE	X
4	X		NONE	X
5	X		NONE	X
6	X		NONE	X
7	X		NONE	X
8	X		NONE	X
9				
10				
11				
12				

- PED BUTTON INPUTS  
901 NW CORNER  
902 NW MEDIAN  
903 NE MEDIAN  
904 NE CORNER  
905 EAST CROSSWALK (X3)  
906 SOUTH CROSSWALK (X3)  
907 WEST CROSSWALK TERRACE (X2)  
908 WEST CROSSWALK MEDIAN
- 901 CALLS PHASE 3 THEN 4  
902 CALLS PHASE 3 OR 4  
903 CALLS PHASE 4 OR 5  
904 CALLS PHASE 4 THEN 5

TYPE OF INTERCONNECT	
NONE	
TBC	
CLOSED LOOP TWISTED PAIR	
CLOSED LOOP FIBER OPTIC	X
RADIO	

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC SIGNAL CABINET	X
IN SEPARATE LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTOR	
TSP (CENTRALIZED)	
TSP (LOCAL)	

- GENERAL OPERATION NOTES  
1. SIGNAL TO REST IN RED 24/7.  
2. ALL LEFT TURNS AND THRU MOVEMENTS ABLE TO BE RE-SERVICED.  
3. THRU MOVEMENTS SHALL NOT BE DUAL ENTRY.  
4. WBRT DETECTION ZONES TO CALL SBLT VEHICLE PHASE.  
5. SBRT DETECTION ZONES TO CALL SB THRU MOVEMENTS.

TYPE OF REMOTE COMMUNICATION	
NONE	
FIBER	X
CELL MODEM	
PHONE	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13	19	17	23	21	27	25	31	29
DETECTOR #(S)																
PHASE CALLED																
PHASE EXTENDED																
DISCONNECT TIME																
CALLING DELAY																
DIST. FROM STOP BAR																
LOOP FUNCTION																
DETECTOR INPUT	4	2	8	6	12	10	16	14	20	18	24	22	28	26	32	30
DETECTOR #(S)																
PHASE CALLED																
PHASE EXTENDED																
DISCONNECT TIME																
CALLING DELAY																
DIST. FROM STOP BAR																
LOOP FUNCTION																

**#####**  
**CITY OF MADISON, WI**  
**#####**  
**CONTRACT NO: #####**

**CEGAR ST. - PARK ST.**  
**SEQUENCE OF OPERATIONS**  
M:\DESIGN\Traffic\Maps\_Plans\Electrical\Projects\Milwaukee - Sprecher Signal\Milwaukee-Sprecher SOO.dwg

**#####**  
**SEQ-1**