

SIGNAL DISPLAY CHART

SIGNAL HEAD	ø1 + ø5		ø1 + ø6		ø2 + ø5		ø2 + ø6		ø3 + ø7		ø3 + ø8		ø4 + ø7		ø4 + ø8		FLASH		
	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR			
A	⊘ /R	⊘ /R	⊘	⊘	⊘	⊘	⊘ /G	⊘ /G	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘	R	
B	R	R	R	R	R	R	G	G	G	G	G	G	Y	R	R	R	R	R	R
C	⊘ /R	⊘ /R	⊘ /R	⊘ /R	⊘ /G	⊘ /G	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘	⊘	
D	R	R	R	R	G	G	G	G	R	R	R	R	G	G	Y	R	R	R	R
E	R	R	R	R	R	R	R	R	R	R	R	R	R	R	⊘ /R	⊘ /R	⊘ /R	⊘ /R	
F	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
G	R	R	R	R	R	R	R	R	R	R	R	R	R	R	⊘ /R	⊘ /R	⊘ /R	⊘ /R	
H	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
W-W	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	
X-X	DW	DW	DW	DW	DW	DW	W	W	W	W	W	FDW	DW	DW	DW	DW	DW	DW	
Y-Y	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	W	W	W	W	
Z-Z	DW	DW	DW	W	W	W	W	DW	DW	DW	W	FDW	DW	DW	DW	DW	DW	DW	

SIGNAL TIMING

INTERVAL	ø1	ø2	ø3	ø4	ø5	ø6	ø7	ø8
INITIAL	7	10	7	10	7	10	7	10
PASSAGE	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0
YELLOW	3.9	3.9	4.4	4.4	3.9	3.9	4.4	4.4
RED CLEAR	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
MAX I	12	31	13	31	12	31	13	31
MAX II	12	31	13	31	12	31	13	31
WALK	0	5	0	5	0	5	0	5
PED CLEAR	0	22	0	21	0	22	0	21
RECALL	NONE	MIN	NONE	NONE	NONE	MIN	NONE	NONE
MEMORY	OFF	ON	OFF	ON	OFF	ON	OFF	ON

NOTES:

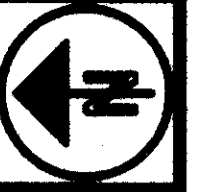
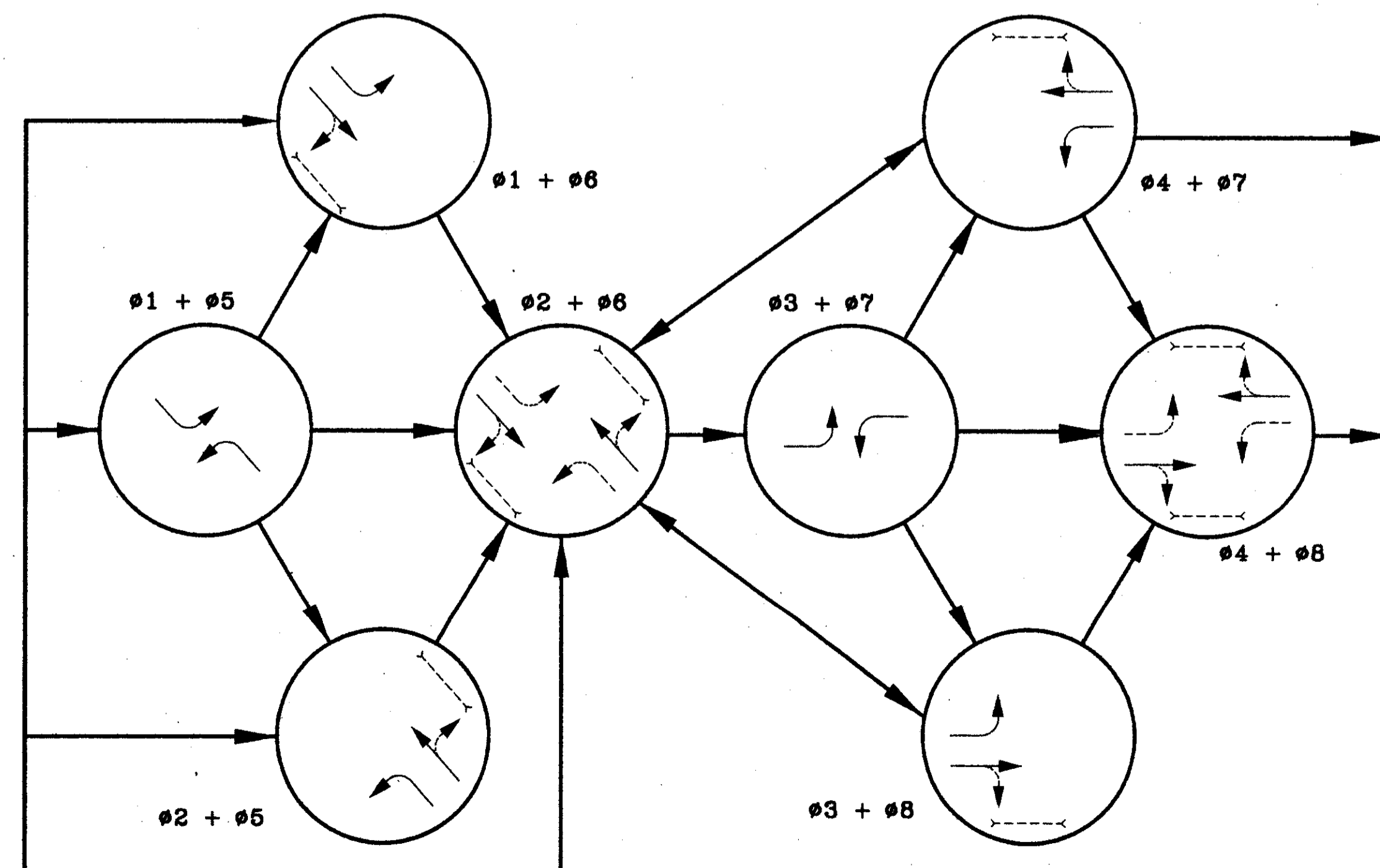
- ① REMAINS ⊘ / R IF ø2+ø5 IS NEXT.
- ② REMAINS ⊘ / R IF ø1+ø6 IS NEXT.
- ③ REMAINS ⊘ / R IF ø4+ø7 IS NEXT.
- ④ REMAINS ⊘ / R IF ø3+ø8 IS NEXT.

OMIT ø1 WHEN ø2 IS ON
 OMIT ø5 WHEN ø6 IS ON
 OMIT ø3 WHEN ø4 IS ON
 OMIT ø7 WHEN ø8 IS ON

LOOP DETECTOR CHART

LOOP #	SIZE	# TURNS	MODE	DELAY	AMP #	PHASE
L1	1.8 m x 12.2 m	2	PRESENCE	2	1	3
L2	1.8 m x 12.2 m	2	PRESENCE	8	2	8
L3	1.8 m x 12.2 m	2-4-2	PRESENCE	2	3	5
L4	1.8 m x 12.2 m	2	PRESENCE	2	4	7
L5	1.8 m x 12.2 m	2	PRESENCE	8	5	4
L6	1.8 m x 12.2 m	2	PRESENCE	2	6	1
L7	1.8 m x 4.0 m	2	PRESENCE	8	7	4
L8	1.8 m x 4.0 m	2	PRESENCE	8	8	8
S4	1.8 m X 1.8 m	3	PRESENCE	0	9	SYSTEM

PHASING DIAGRAM



CALCULATED
CHECKED

TRAFFIC CONTROL PLAN
STATE STREET AND ERIE STREET

LAKE COUNTY
LAK-20-14.35/VAR