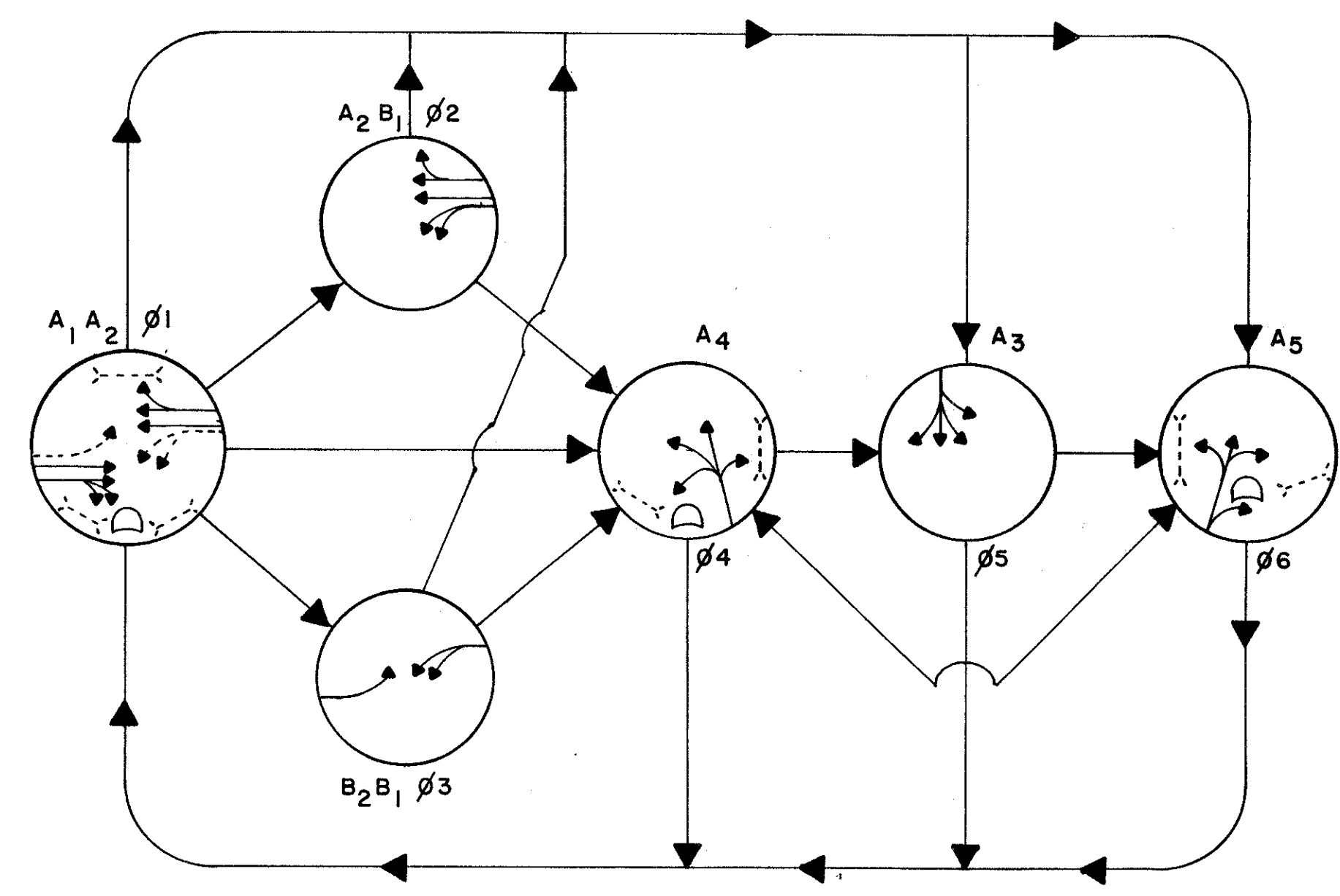


WIRING DIAGRAM

This is to be a nema nomenclature controller modified to provide Phase's 4,5 & 6 to operate sequentially on the right side of the compatibility barrier.



ACTUATION OF FIRE PRE-EMPTION

- PERIOD 1- Phase in operation immediately begins clearance periods.
 - A. If in walk go to flashing "Don't Walk"
 - B. If in flashing "Don't Walk" time out
 - C. "Yellow" & "Don't Walk"
 - D. All "Red" (if programmed)
- PERIOD 2- All vehicular signals (except firehouse drive) "Red".
 - All pedestrian signals "Don't Walk"
 - Firehouse drive signal "Green" (timed thru variable interval timer)
- PERIOD 3- Same as Period 2 except, firehouse drive signal "Yellow"
- PERIOD 4- Firehouse drive signal "Red". A call has also been made for a full cycle. Each Phase will be run starting with Phase 1.

PHASING DIAGRAM

FUNCTION	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6
INITIAL GREEN	8.0	8.0	8.0	8.0	8.0	8.0
MINIMUM GREEN	4.0	—	—	—	—	—
PED WALK	7.0	—	—	7.0	—	7.0
PED CLEARANCE	1.0	—	—	1.5	—	1.5
GREEN EXTENTION	3.0	1.5	1.5	1.5	2.0	1.5
MAXIMUM GREEN	—	1.0	1.0	—	1.0	1.5
YELLOW CLEARANCE	3.0	3.0	3.0	3.0	3.0	3.0
ALL RED CLEARANCE	—	—	—	—	—	—
RECALL	ON	—	—	—	—	—
MEMORY	NO	NO	NO	NO	NO	NO

SIGNAL TIMING

SIGNAL HEAD	Ø1		Ø2		Ø3		Ø4		Ø5		Ø6		FLASH	CONTROL PHASE OUTPUT		
	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR				
A	G	G	Y	R	G	Y	R	R	R	R	R	R	R	Y	A 2	
C	G	G	Y	R	G	Y	R	R	R	R	R	R	R	Y	A 2-B 1	
D	R	R	R	R	R	R	R	R	R	G	G	Y	R	R	A 4	
E	R	R	R	R	R	R	R	R	R	G	G	Y	R	R	A 4	
F	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	A 3	
G	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	A 3	
H	G	G	Y	R	R	R	R	R	R	R	R	R	R	Y	A 1	
K	G	G	Y	R	R	R	R	R	R	R	R	R	R	Y	A 1-B 2	
L	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	A 5
M	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	A 5
N	G	G	Y	R	R	R	R	R	R	R	R	R	R	Y	A 2-B 1	
P	G	G	Y	R	R	R	R	R	R	R	R	R	R	Y	A 1-B 2	
FH	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
V-V	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	A 5	
W-W	W	FDW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	A 1-A 2	
X-X	DW	DW	DW	DW	DW	DW	DW	DW	DW	W	FDW	DW	DW	DW	A 4	
Y-Y	W	FDW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	
Z-Z	W	FDW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	

1. REMAINS GREEN IF GOING TO Ø2 NEXT
2. GOES TO GREEN LEFT ARROW IF GOING TO Ø3 NEXT

SIGNAL DISPLAY CHART

TRAFF-PRO CONSULTANTS INC.
WILLOUGHBY, OHIO

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
E.305 & BAYRIDGE BLVD.
AT
LAKESHORE BLVD.

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