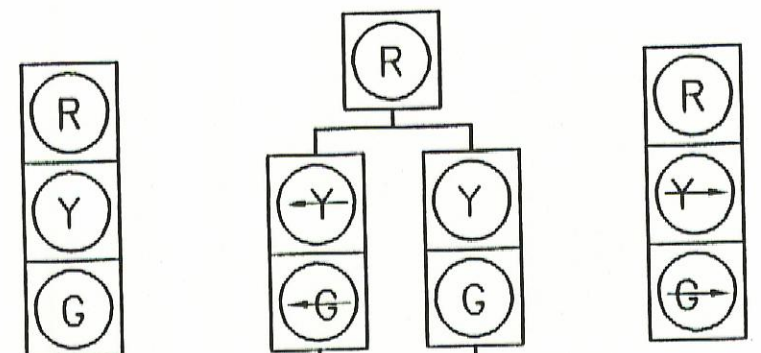


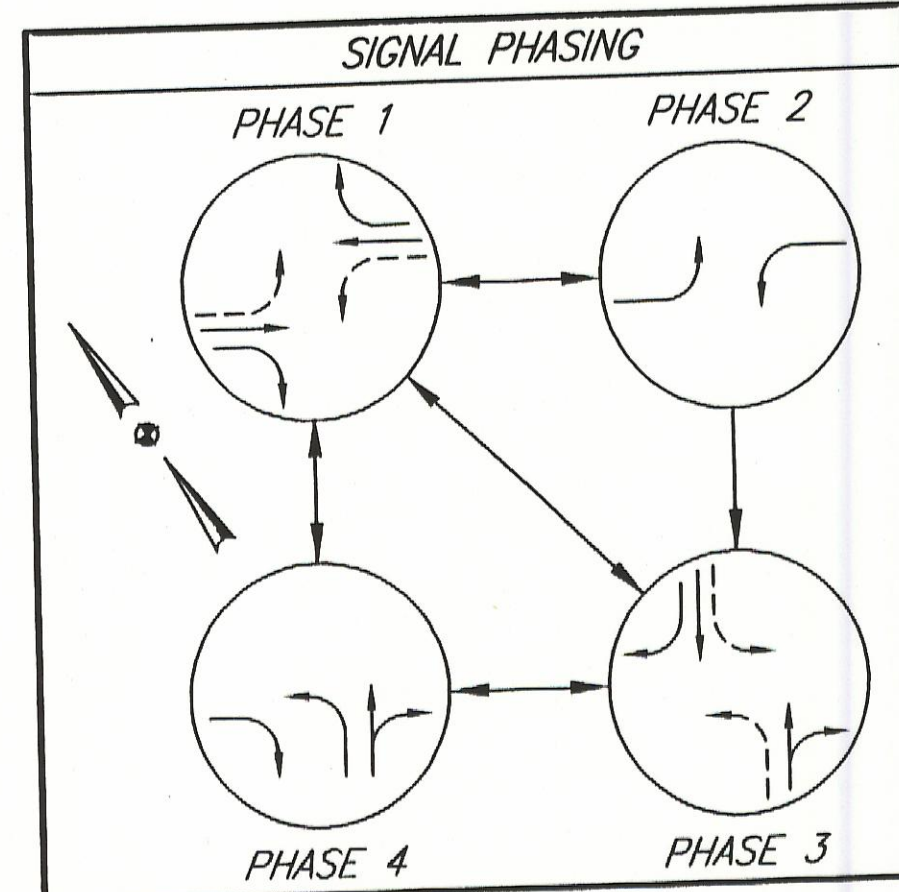
SIGNAL FACE DISPLAY



Signals 3, 7, 11, 12, 13, 14
 Signals 1 & 2, 5 & 6, 9 & 10
 Signals 4, 8

Install Tunnel Visors
 On Signals 3 & 7

Install Tunnel Visors
 On Signals 4 & 8



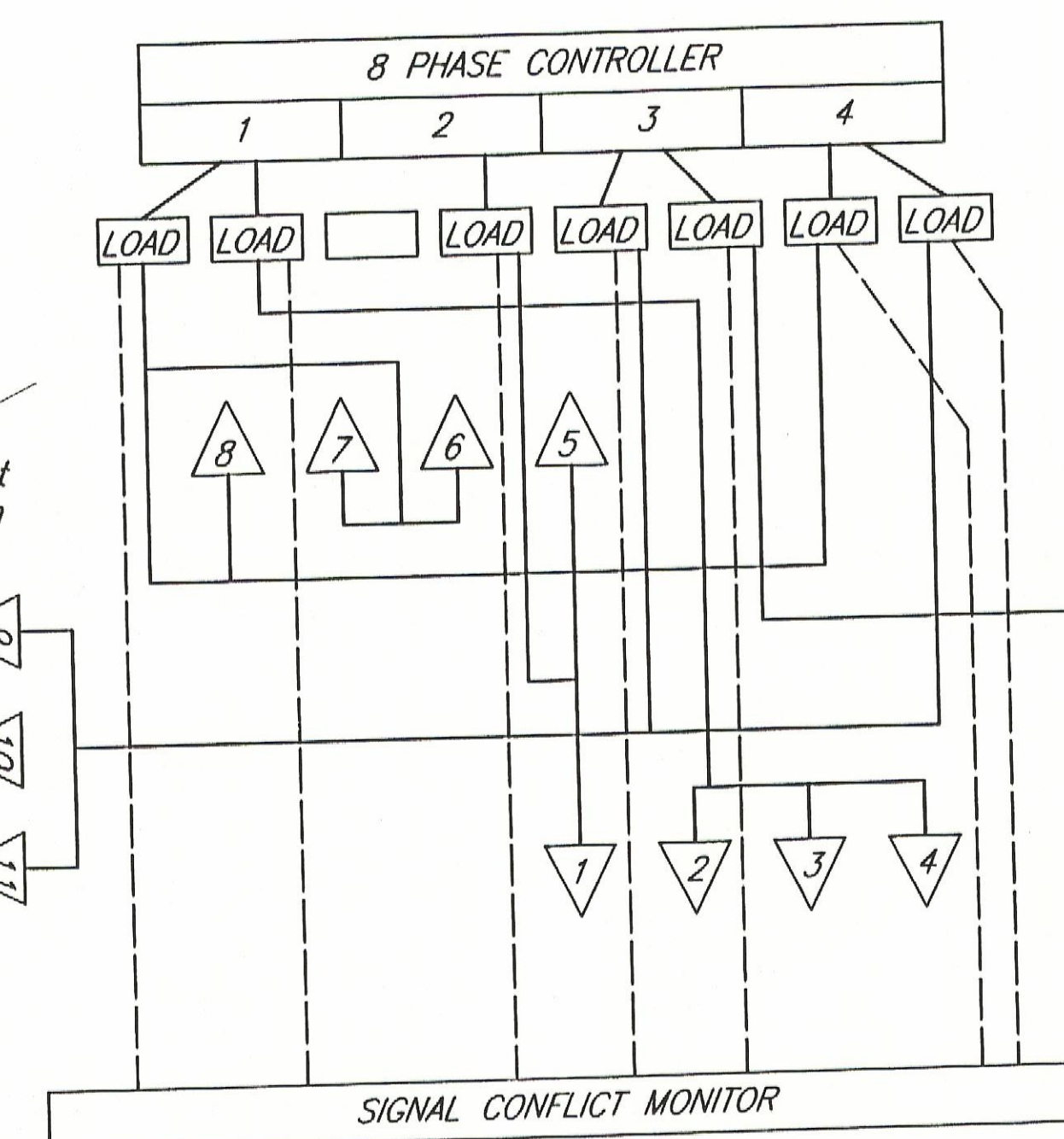
LEGEND

- Span Wire Support
- Signal Head, Std. 3-Section
- Signal Head, Std. 5-Section 1-Way
- 2\" ~ 713.04 Conduit
- 3\" ~ 713.04 Conduit, Pushed
- Pull Box
- Controller Cabinet
- Service Pole
- Loop Detectors

LOOP DETECTOR REQUIREMENTS							
Detector No.	Size Width x Length	No. of Turns	No. of Amplifiers	Detector Function	Extension Delay (Sec.)	Associated Phase	
D-1A	6' x 6'	3	1	Pulse		1	
D-1B	6' x 6'	3		Pulse		1	
D-1C	6' x 6'	3		Pulse		1	
D-1D	8' x 10'	3		Pulse		1	
D-2A	6' x 30'	2	1	Presence		2	
D-2B	6' x 30'	2	1	Presence		2	
D-3A	8' x 8'	3	1	Pulse		4	
D-3B	6' x 20'	2		Presence		4	
D-3C	8' x 12'	2	1	Presence			
D-3D	6' x 30'	2					3
D-3E	6' x 25'	2					3
D-3F	10' x 18'	2					3
D-3G	8' x 8'	3	1	Pulse		3	

START UP SIGNAL TIMING																						
PHASE IN OPERATION	SIGNAL TIMING				NORTH APPROACH				SOUTH APPROACH				EAST APPROACH				WEST APPROACH				MEM	RECALL
	INITIAL	EXTEND	MAX. %		9	10	11	12	13	14	5	6	7	8	1	2	3	4				
1	20		32	.29	OUT	R	R	R	R	R	OUT	G	G	G->	OUT	G	G	G->	ON	ON		
1 Clear to 2	5	1 AR		.054	OUT	R	R	R	R	R	OUT	Y/R	Y/R	Y->	OUT	Y/R	Y/R	G->	OFF	OFF		
2	8		16	.144	OUT	R	R	R	R	R	OUT	R	R	R	OUT	R	R	R	ON	OFF		
2 Clear to 3	4.5	1 AR		.05	OUT	R	R	R	R	R	OUT	R	R	R	OUT	R	R	R	ON	OFF		
3	12		24	.216	OUT	G	G	G	G	G	OUT	R	R	R	OUT	R	R	R	ON	OFF		
3 Clear to 4	5	1 AR		.054	OUT	G	G	G	Y/R	Y/R	Y/R	OUT	R	R	R	OUT	R	R	G->	OFF	OFF	
4	8		16	.144	OUT	G	G	G	R	R	OUT	R	R	R	OUT	R	R	R	ON	OFF		
4 Clear to 1	4.5	1 AR		.05	OUT	FR	FR	FR	R	R	OUT	R	R	R	OUT	FR	FR	Y->	ON	OFF		
Flashing					OUT	FR	FR	FR	FR	FR	OUT	FY	FY	OUT	OUT	FY	FY	OUT				

AR = All Red



LOAD SWITCH HOOK-UP
 (APPROACH MONITORING)

TRAFFIC SIGNAL PLAN

REALIGNMENT OF
 S.R. 664 AT HUNTER RD.
 CITY OF LOGAN, OHIO

Job No. 95099TSP Date 11/30/95 Drawn By SB, RMS