



SIGNAL HEAD	Ø1+5	Ø1+6	Ø2+5	Ø2+6	Ø3+7	Ø3+8	Ø4+7	Ø4+8	FLASH
A	R	R	R	R	R	R	R	R	R
B	R	R	R	R	R	R	R	R	R
C	R	R	R	R	R	R	R	R	R
D	R	R	R	R	R	R	R	R	R
E	R	R	R	R	R	R	R	R	R
F	R	R	R	R	R	R	R	R	R
G	R	R	R	R	R	R	R	R	R
H	R	R	R	R	R	R	R	R	R
V-W	DW	DW	DW	DW	DW	DW	DW	DW	DW
X-Y	DW	DW	DW	DW	DW	DW	DW	DW	DW
T-Z	DW	DW	DW	DW	DW	DW	DW	DW	DW

SIGNAL DISPLAY CHART
 NOTES:
 1) REMAINS G IF Ø4+7 NEXT
 2) REMAINS G IF Ø3+8 NEXT
 3) REMAINS G IF Ø2+5 NEXT
 4) REMAINS G IF Ø1+6 NEXT

FUNCTION	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8
INITIAL GREEN	2		2		2		2	
MINIMUM GREEN		15		15		15		15
NO. OF ACTUATIONS TO GIVE MAXIMUM INITIAL		10		10		10		10
MAXIMUM INITIAL		25		25		25		25
MAXIMUM GAP		5.0		5.0		5.0		5.0
TIME WAITING TO REDUCE TO MINIMUM GAP		26		26		26		26
LAST VEHICLE PASSAGE		4.0		4.0		4.0		4.0
PED WALK		7		7		7		7
PED CLEARANCE		12		12		12		12
GREEN EXTENSION	2		2		2		2	
MAXIMUM GREEN	20	40	20	40	20	40	20	40
YELLOW CLEARANCE	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
ALL RED CLEARANCE	2		2		2		2	
RECALL	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
MEMORY	OFF	OFF	OFF	ON	OFF	OFF	OFF	OFF

SUGGESTED SIGNAL TIMING

Loop	Size	Number of Turns	Mode	Delay (Sec.)	Phase (Ø)	Detector Unit
L1	6' x 10'	3	PULSE		6	1
L2	6' x 8'	3	PULSE		6	2
L3	10' x 30'	2-4-2	PRESENCE	5	6	3
L4	8' x 30'	2-4-2	PRESENCE	3	6	4
L5	6' x 30'	2-4-2	PRESENCE	3	1	5
L6	10' x 30'	2-4-2	PRESENCE	5	4	6
L7	8' x 30'	2-4-2	PRESENCE	3	4	7
L8	8' x 30'	2-4-2	PRESENCE	3	7	8
L9	6' x 8'	3	PULSE		4	9
L10	6' x 8'	3	PULSE		4	10
L11	8' x 30'	2-4-2	PRESENCE	5	2	11
L12	8' x 30'	2-4-2	PRESENCE	3	2	12
L13	8' x 30'	2-4-2	PRESENCE	3	5	13
L14	6' x 8'	3	PULSE		2	14
L15	6' x 8'	3	PULSE		2	15
L16	8' x 30'	2-4-2	PRESENCE	3	3	16
L17	8' x 30'	2-4-2	PRESENCE	3	8	17
L18	10' x 30'	2-4-2	PRESENCE	5	8	18
L19	6' x 8'	3	PULSE		8	19
L20	6' x 8'	3	PULSE		8	20

LOOP CHART

TRAFF-PRO CONSULTANTS INC.
 WILLOUGHBY, OHIO.
STATE OF OHIO
 DEPARTMENT OF TRANSPORTATION
U.S. 6 & S.R. 91

DESIGNED	DRAWN	TRACED	CHECKED	REVIEW	DATE	REVISED