



EXISTING

PHASE DIAGRAM

SIGNAL TIMING

FUNCTION	Ø1	Ø2	Ø3
INITIAL GREEN	2		2
MINIMUM INITIAL		2	
NO. OF ACTUATIONS TO GIVE MAXIMUM INITIAL		10	
MAXIMUM INITIAL		25	
MAXIMUM GAP		5	
TIME WAITING TO REDUCE TO MINIMUM GAP		26	
MINIMUM GAP			
LAST VEHICAL PASSAGE		5	
GREEN EXTENTION	2		2
MAXIMUM GREEN	20		20
YELLOW CLEAR	3		3
ALL RED CLEAR	2		2
RECALL	OFF	ON	OFF

SIGNAL DISPLAY CHART

SIGNAL HEAD	Ø1		Ø2		Ø3		FLASH		
	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR			
A, B	R	R	R	G	Y	R	R	R	Y
C	G	Y	R	G	Y	R	R	R	Y
D	G	Y	R	G	Y	R	R	R	Y
E	R	R	R	R	R	R	G	Y	R
F	R	R	R	R	R	R	G	Y	R

① REMAINS G IF Ø2 NEXT

EXISTING

PHASE DIAGRAM

SIGNAL TIMING

FUNCTION	Ø1	Ø2	Ø3
INITIAL GREEN			10
MINIMUM INITIAL	25		
NO. OF ACTUATIONS TO GIVE MAXIMUM INITIAL			
MAXIMUM INITIAL			
MAXIMUM GAP			
TIME WAITING TO REDUCE TO MINIMUM GAP			
MINIMUM GAP			
LAST VEHICAL PASSAGE			
GREEN EXTENTION	10		3
MAXIMUM GREEN	50		22
YELLOW CLEAR	3		3
ALL RED CLEAR	1		1
RECALL	ON		OFF

SIGNAL DISPLAY CHART

SIGNAL HEAD	Ø1		Ø2		Ø3		FLASH
	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	
D, F	G	Y	R				Y
A, B	G	Y	R				Y
C, E	R	R	R				R

PROPOSED

(SAME AS EXISTING)

PHASE DIAGRAM

SIGNAL TIMING (SAME AS EXISTING)

FUNCTION	Ø1	Ø2	Ø3
INITIAL GREEN			
MINIMUM INITIAL			
NO. OF ACTUATIONS TO GIVE MAXIMUM INITIAL			
MAXIMUM INITIAL			
MAXIMUM GAP			
TIME WAITING TO REDUCE TO MINIMUM GAP			
MINIMUM GAP			
LAST VEHICAL PASSAGE			
GREEN EXTENTION			
MAXIMUM GREEN			
YELLOW CLEAR			
ALL RED CLEAR			
RECALL			

SIGNAL DISPLAY CHART (SAME AS EXISTING)

SIGNAL HEAD	Ø1		Ø2		Ø3		FLASH
	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	
D, F	G	Y	R				Y
A, B	G	Y	R				Y
C, E	R	R	R				R

PROPOSED

PHASE DIAGRAM

SIGNAL TIMING

FUNCTION	Ø1	Ø2	Ø3
INITIAL GREEN			8
MINIMUM INITIAL	2		10
NO. OF ACTUATIONS TO GIVE MAXIMUM INITIAL	10		
MAXIMUM INITIAL	25		
MAXIMUM GAP			
TIME WAITING TO REDUCE TO MINIMUM GAP	26		
MINIMUM GAP			
LAST VEHICAL PASSAGE	5		
GREEN EXTENTION		3	3
MAXIMUM GREEN		20	22
YELLOW CLEAR		3	3
ALL RED CLEAR		2	1
RECALL	ON	OFF	OFF

SIGNAL DISPLAY CHART

SIGNAL HEAD	Ø1		Ø2		Ø3		FLASH
	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	
D, F	G	Y	R				Y
A, B	G	Y	R				Y
C, E	R	R	R				R
T	G	Y	R	G	Y	R	Y

① REMAINS G IF Ø2 FOLLOWS
② REMAINS G IF Ø2 FOLLOWS
③ BECOMES Y_G IF Ø1 FOLLOWS
④ BECOMES G IF Ø1 FOLLOWS