

MILL STREET AT COUNTY STREET LOCATION 5

FULLY-ACTUATED	☒	ISOLATED	☐
SEMI-ACTUATED	☐	COORDINATED	☒
PRE-TIMED	☐	WIRE	☒ RADIO ☐

STREET	DIRECTION	HOUSINGS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	FLASH OPER.
COUNTY STREET	NB	B	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	FY
COUNTY STREET	NB	A	G	Y	R	R/GL	R/YL	R	R	R	R	R	R	R	R	R	R	FY
COUNTY STREET	SB	C,D	R	R	R	R	R	R	R	R	Y	R	R	R	R	R	R	FR
MILL STREET	WB	E,F	R	R	R	R	R	R	R	R	G	Y	R	R	R	R	R	FR
PEDESTRIAN	ALL	P1-P8	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	DW	W	FDW	DW	OUT

TIMING IN SECONDS																		
MINIMUM INITIAL	10			5			10			5								
PASSAGE	2			2			2			2								
MAXIMUM 1	45			12			45			33								

CHANGE																	
PEDESTRIAN			3.3	2.2		3.3	2.2		3.3	2.2		3.0	2.2		5	10	1
RECALL		SOFT			OFF			SOFT			OFF			OFF			
MEMORY		NON-LOCKING			NON-LOCKING			NON-LOCKING			NON-LOCKING			LOCKING			
DUAL ENTRY		OFF			OFF			OFF			OFF			OFF			
SIMULTANEOUS GAP OUT DISABLED		YES			YES			YES			YES			YES			

TABLE 1-5 COORDINATION DATA FOR LOCATION-5
MILL STREET AT COUNTY STREET

FUNCTION	PURPOSE	OFFSET VALUE IN SECONDS	CYCLE LENGTH	-
OFFSET 1	M → F 7am - 9am	0	90	-
OFFSET 2	M → F 4pm - 6pm	0	75	-

COORD. POINT SHALL BE AT THE END OF THE GREEN OF THE FIRST PHASE,,SHOWN BY * BELOW.

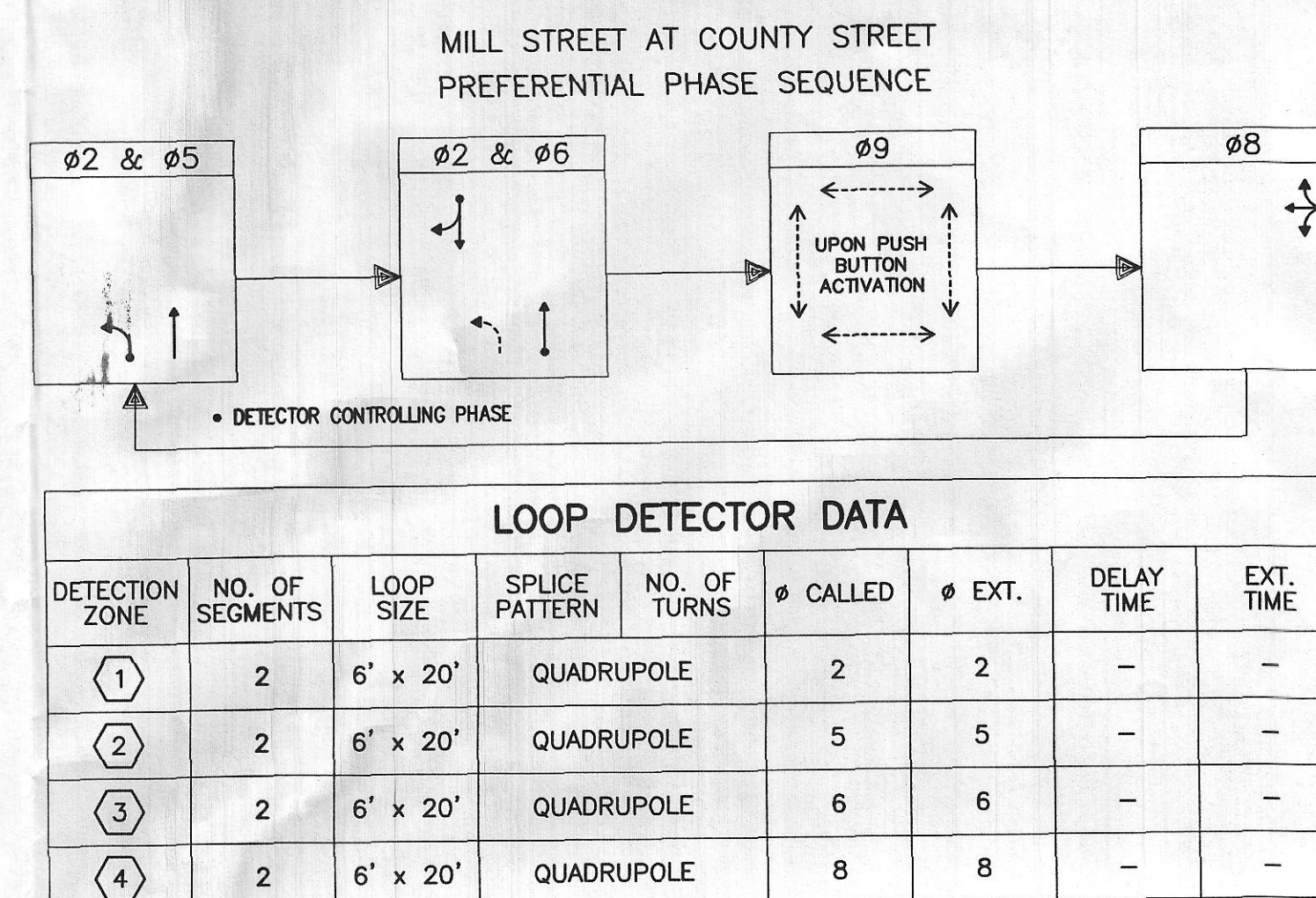
MAXIMUM PHASE TIME IN SECONDS								
FUNCTION	ø2 *		ø5 *		ø6 *		ø8	
	W/O PED	W PED	W/O PED	W PED	W/O PED	W PED	W/O PED	W PED
SPLIT 1	47	36	10	10	47	36	33	28
SPLIT 2	33	24	10	10	33	24	32	25

NEW BEDFORD
MILL STREET

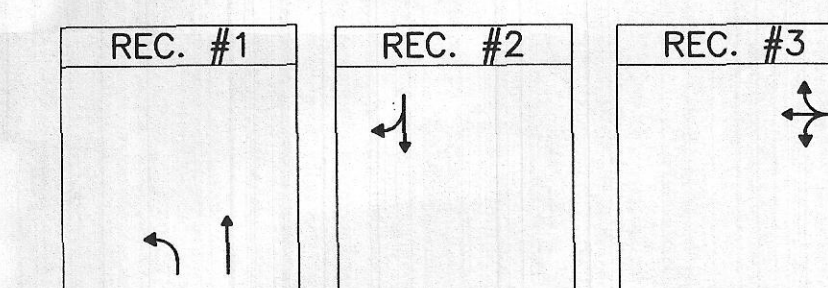
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MASS.	STP-002S(302)	90	216

PROJECT FILE NO. 605071

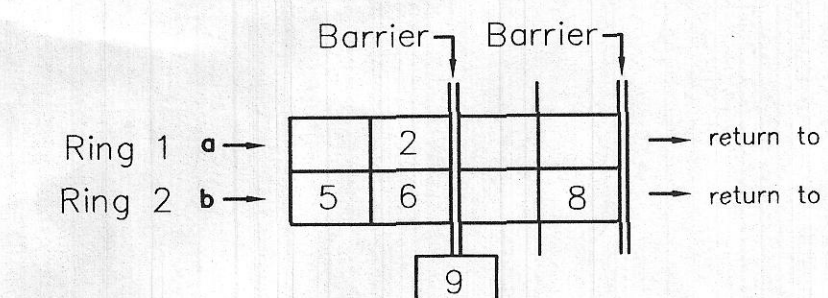
TRAFFIC SIGNAL PLAN
MILL STREET AT COUNTY STREET LOC. 5
KEMPTON STREET AT COUNTY STREET LOC. 6



PREEMPTION PHASES



RING STRUCTURE



KEMPTON STREET AT COUNTY STREET LOCATION 6

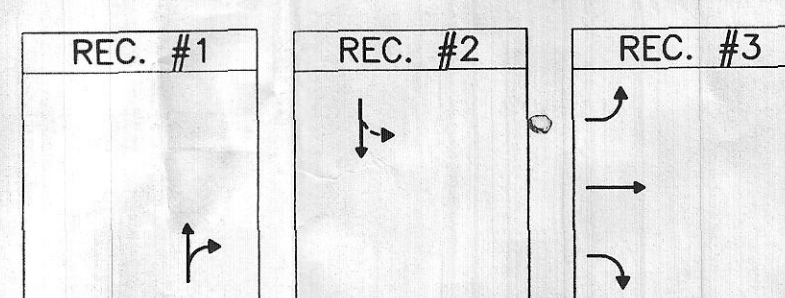
FULLY-ACTUATED	☒	ISOLATED	☐
SEMI-ACTUATED	☐	COORDINATED	☒
PRE-TIMED	☐	WIRE	☒ RADIO ☐

STREET	DIRECTION	HOUSINGS	1	2	3	4	5	6	7	8	9	10	11	12	FLASH OPER.
COUNTY STREET	NB	G,H	G	Y	R	R	R	R	R	R	R	R	R	R	FY
COUNTY STREET	SB	J,K	R	R	R	R	R	R	G	Y	R	R	R	R	FY
KEMPTON STREET	EB	L	R	R	R	GL	YL	R	R	R	R	R	R	R	FR
KEMPTON STREET	EB	M	R	R	R	GV	YV	R	R	R	R	R	R	R	FR
KEMPTON STREET	EB	N	R	R	R	GR	YR	R	R	R	R	R	R	R	FR
PEDESTRIAN	ALL	P9-P14	DW	DW	DW	DW	DW	DW	DW	DW	DW	W	FDW	DW	OUT

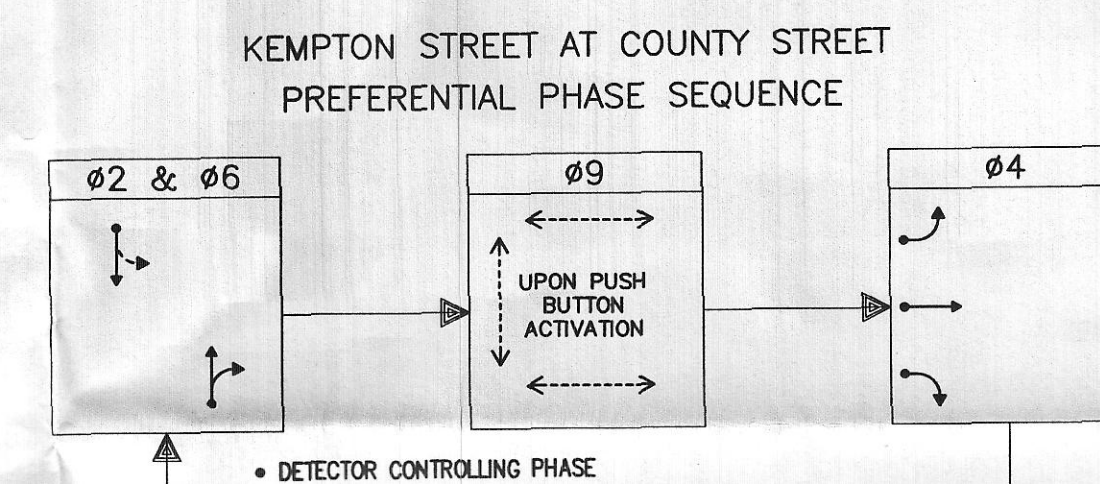
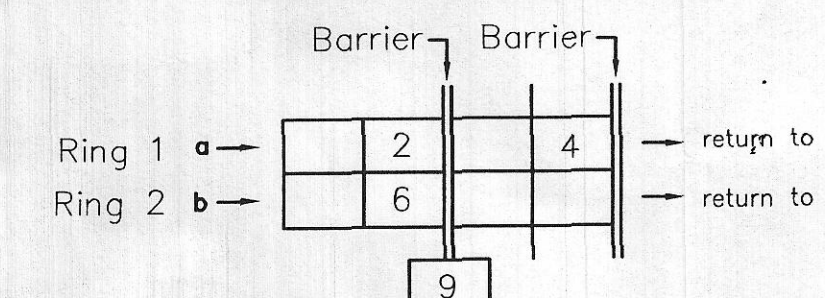
TIMING IN SECONDS														
MINIMUM INITIAL	10			5			10							
PASSAGE	2			2			2							
MAXIMUM 1	45			35			45							

CHANGE														
PEDESTRIAN			3.3	2.4		3.3	2.2		3.3	2.4		5	11	1
RECALL		SOFT			OFF			SOFT			OFF			
MEMORY		NON-LOCKING			NON-LOCKING			NON-LOCKING			LOCKING			
DUAL ENTRY		OFF			OFF			OFF			OFF			
SIMULTANEOUS GAP OUT DISABLED		YES			YES			YES			YES			

PREEMPTION PHASES



RING STRUCTURE



LOOP DETECTOR DATA								
DETECTION ZONE	NO. OF SEGMENTS	LOOP SIZE	SPLICE PATTERN	NO. OF TURNS	ø CALLED	ø EXT.	DELAY TIME	EXT. TIME
5	2	6' x 20'	QUADRUPOLE	2	2	-	-	
6	2	6' x 20'	QUADRUPOLE	6	6	-	-	
7	2	6' x 20'	QUADRUPOLE	4	4	-	-	
8	2	6' x 20'	QUADRUPOLE	4	4	-	-	
9	2	6' x 20'	QUADRUPOLE	4	4	-	-	

TABLE 1-6 COORDINATION DATA FOR LOCATION-6
KEMPTON STREET AT COUNTY STREET

FUNCTION	PURPOSE	OFFSET VALUE IN SECONDS	CYCLE LENGTH	-
OFFSET 1	M → F 7am - 9am	0	90	-
OFFSET 2	M → F 4pm - 6pm	0	75	-

COORD. POINT SHALL BE AT THE END OF THE GREEN OF THE FIRST PHASE, SHOWN BY * BELOW.

MAXIMUM PHASE TIME IN SECONDS						
FUNCTION	ø2 *		ø6 *		ø8	
	W/O PED	W PED	W/O PED	W PED	W/O PED	W PED
SPLIT 1	64	51	64	51	26	22
SPLIT 2	54	38	54	38	21	20

MASTER LOCATION FOR LOCATIONS 5 AND 6.