

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/GLR/YL	R	R	R	R	R	R	R	R	R	R	R	FY
COUNTY STREET	SB	C,D	R	R	R	R	R	R	G	Y	R	R	R	R	R	R	R	FY
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
PASSAGE	2
MAXIMUM 1	45

CHANGE	3.3	2.2	3.3	2.2	3.3	2.2	3.0	2.2	5	10	1
PEDESTRIAN	SOFT	OFF	SOFT	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
RECALL	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING	NON-LOCKING
MEMORY	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
DUAL ENTRY	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
SIMULTANEOUS GAP OUT DISABLED	YES	YES	YES	YES	YES	YES	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	W/O PED	W PED	W/O PED	W PED
SPLIT 1	47	36	10	10
SPLIT 2	33	24	10	10

NEW BEDFORD

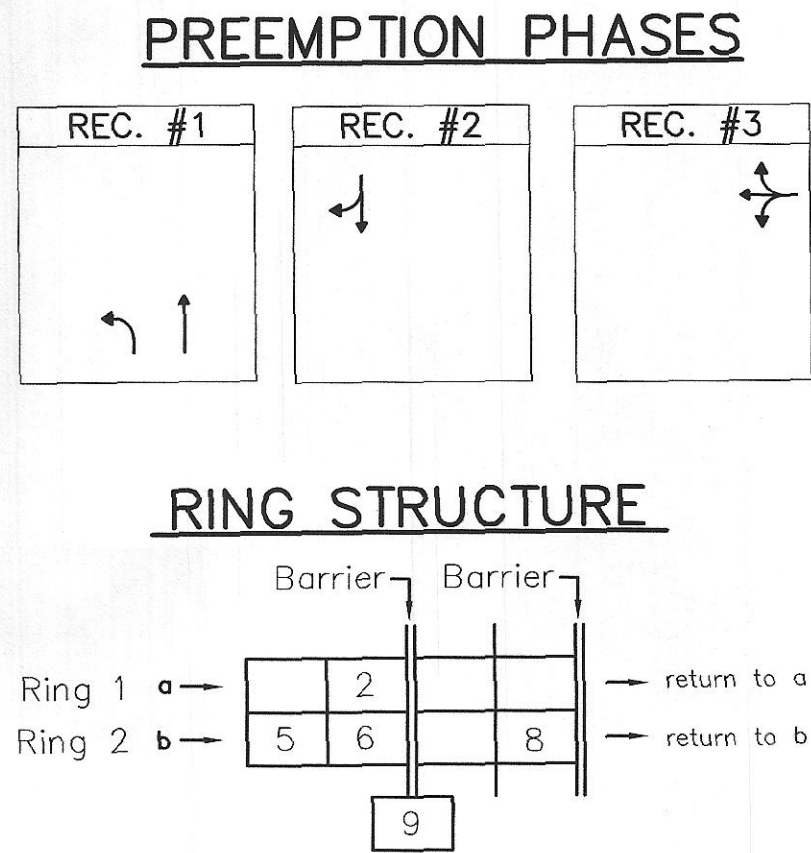
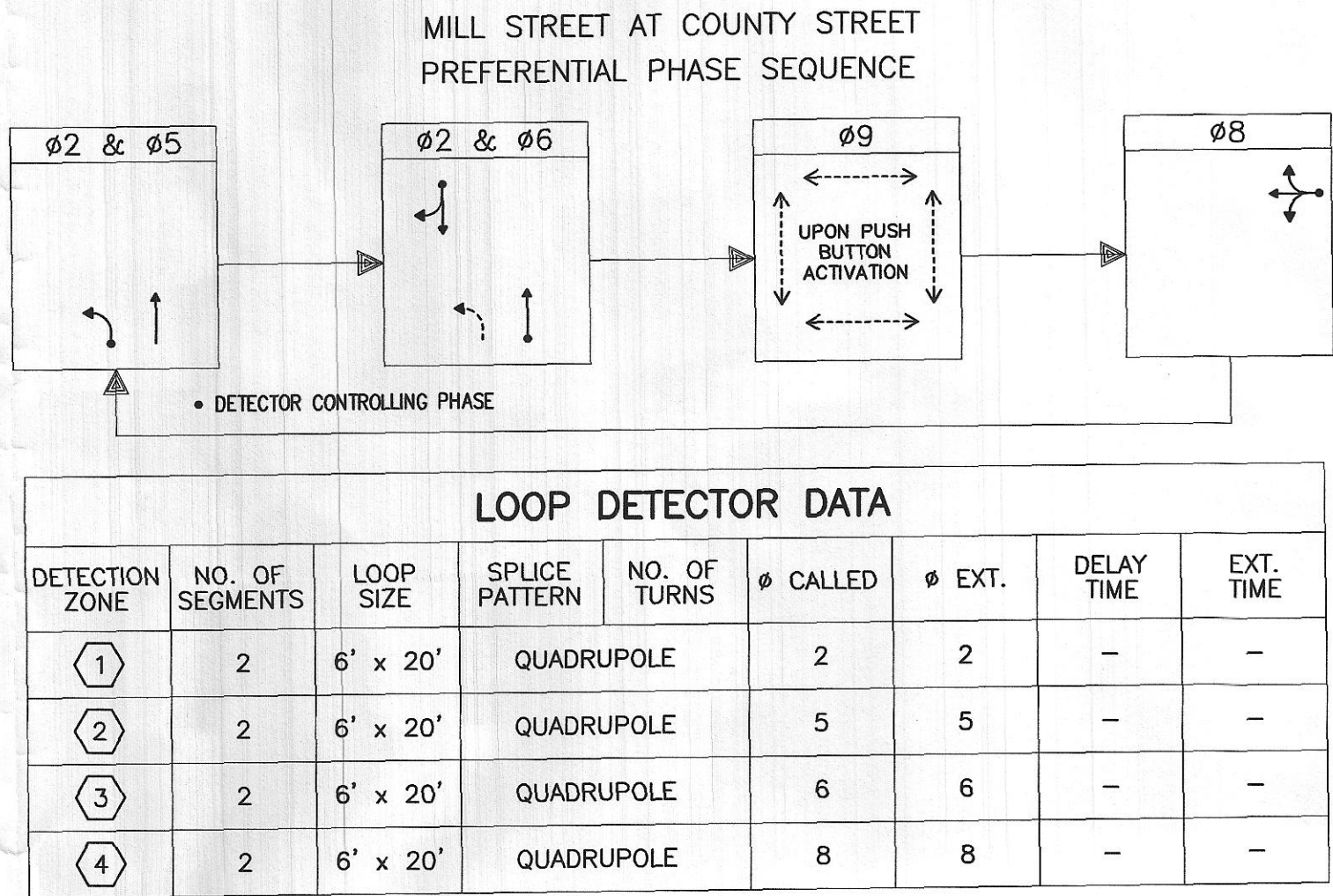
MILL STREET

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



KEMPTON STREET AT COUNTY STREET
LOCATION 6

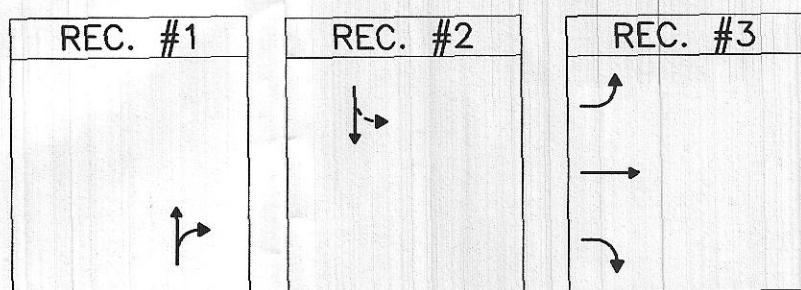
FULLY-ACTUATED	☒	ISOLATED	☐
SEMI-ACTUATED	☐	COORDINATED	☒
PRE-TIMED	☐	WIRE	☒
		RADIO	☐

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	R	FY
COUNTY STREET	SB	J,K	R	R	R	R	R	R	G	Y	R	R	R	R	R	FY
KEMPTON STREET	EB	L	R	R	R	GL	YL	R	R	R	R	R	R	R	R	FR
KEMPTON STREET	EB	M	R	R	R	GV	YV	R	R	R	R	R	R	R	R	FR
KEMPTON STREET	EB	N	R	R	R	GR	YR	R	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

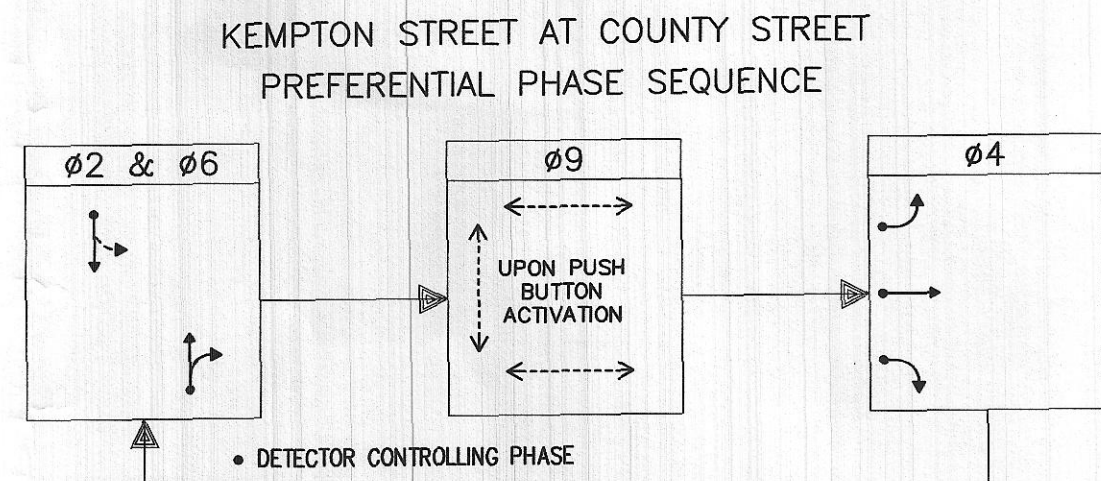
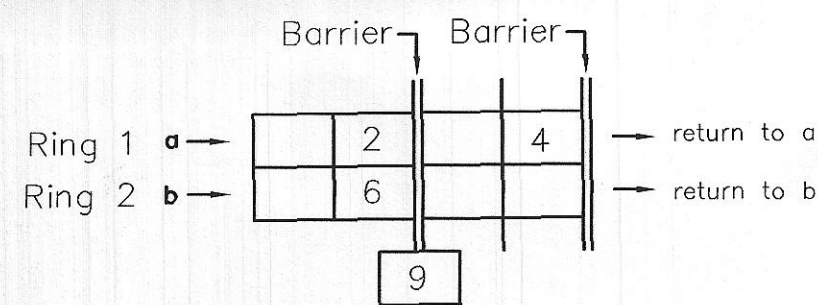
TIMING IN SECONDS	
MINIMUM INITIAL	10
PASSAGE	2
MAXIMUM 1	45

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

PREEMPTION PHASES



RING STRUCTURE



LOOP DETECTOR DATA							
DETECTION ZONE	NO. OF SEGMENTS	LOOP SIZE	SPICE PATTERN	NO. OF TURNS	φ CALLED	φ EXT.	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	W/O PED	W PED	W/O PED	W PED
SPLIT 1	64	51	64	51
SPLIT 2	54	38	54	38

MASTER LOCATION FOR LOCATIONS 5 AND 6.