

② TIME SPACE DIAGRAM 80 SEC. CYCLE BALANCED

TYLER BLVD.						
DESCRIPTION	TIMING PROGRAM (CYCLE NO.)					FREE OPER.
	1	2	3	4	5	
TIME PERIOD IN EFFECT	SEE WEEKLY TIMING PROGRAM CHART					
CYCLE LENGTH (SEC.)	80	110	110	110		
OFFSET (RESET) NO. 1 (SEC.)	34	58	58	58		
FORCE - OFF #2	35	36	36	36		
FORCE - OFF #3	39	40	40	40		
FORCE - OFF #4	66	69	69	69		
FORCE - OFF #5	75	85	85	85		
LENGTH OF HOLD - RELEASE OR YIELD (PERMISSIVE) (SEC.)	4	4	4	4		

INDUSTRIAL PKWY.						
DESCRIPTION	TIMING PROGRAM (CYCLE NO.)					FREE OPER.
	1	2	3	4	5	
TIME PERIOD IN EFFECT	SEE WEEKLY TIMING PROGRAM CHART					
CYCLE LENGTH (SEC.)	80	110	110	110		
OFFSET (RESET) NO. 1 (SEC.)	70	67	76	50		
FORCE - OFF #2	28	39	39	39		
FORCE - OFF #3	32	43	43	43		
FORCE - OFF #4	56	67	67	67		
FORCE - OFF #5	65	79	79	79		
LENGTH OF HOLD - RELEASE OR YIELD (PERMISSIVE) (SEC.)	4	4	4	4		

PALISADES PKWY.						
DESCRIPTION	TIMING PROGRAM (CYCLE NO.)					FREE OPER.
	1	2	3	4	5	
TIME PERIOD IN EFFECT	SEE WEEKLY TIMING PROGRAM CHART					
CYCLE LENGTH (SEC.)	80	110	110	110		
OFFSET (RESET) NO. 1 (SEC.)	79	80	96	64		
FORCE - OFF #2	19	21	21	21		
FORCE - OFF #3	33	38	38	38		
FORCE - OFF #4						
FORCE - OFF #5						
LENGTH OF HOLD - RELEASE OR YIELD (PERMISSIVE) (SEC.)	4	4	4	4		

SOUTH RAMPS / SR 2						
DESCRIPTION	TIMING PROGRAM (CYCLE NO.)					FREE OPER.
	1	2	3	4	5	
TIME PERIOD IN EFFECT	SEE WEEKLY TIMING PROGRAM CHART					
CYCLE LENGTH (SEC.)	80	110	110	110		
OFFSET (RESET) NO. 1 (SEC.)	44	12	14	12		
FORCE - OFF #2	23	18	31	30		
FORCE - OFF #3	34	58	44	45		
FORCE - OFF #4						
FORCE - OFF #5						
LENGTH OF HOLD - RELEASE OR YIELD (PERMISSIVE) (SEC.)	4	4	4	4		

NORTH RAMPS / SR 2						
DESCRIPTION	TIMING PROGRAM (CYCLE NO.)					FREE OPER.
	1	2	3	4	5	
TIME PERIOD IN EFFECT	SEE WEEKLY TIMING PROGRAM CHART					
CYCLE LENGTH (SEC.)	80	110	110	110		
OFFSET (RESET) NO. 1 (SEC.)	6	5	16	14		
FORCE - OFF #2	15	35	24	24		
FORCE - OFF #3						
FORCE - OFF #4						
FORCE - OFF #5						
LENGTH OF HOLD - RELEASE OR YIELD (PERMISSIVE) (SEC.)	4	4	4	4		

ERIE RD. / ESSEX DR.						
DESCRIPTION	TIMING PROGRAM (CYCLE NO.)					FREE OPER.
	1	2	3	4	5	
TIME PERIOD IN EFFECT	SEE WEEKLY TIMING PROGRAM CHART					
CYCLE LENGTH (SEC.)	80	110	110	110		
OFFSET (RESET) NO. 1 (SEC.)	75	12	39	12		
FORCE - OFF #2	15	14	22	22		
FORCE - OFF #3	30	35	41	41		
FORCE - OFF #4						
FORCE - OFF #5						
LENGTH OF HOLD - RELEASE OR YIELD (PERMISSIVE) (SEC.)	4	4	4	4		

OHIO STREET						
DESCRIPTION	TIMING PROGRAM (CYCLE NO.)					FREE OPER.
	1	2	3	4	5	
TIME PERIOD IN EFFECT	SEE WEEKLY TIMING PROGRAM CHART					
CYCLE LENGTH (SEC.)	80	110	110	110		
OFFSET (RESET) NO. 1 (SEC.)	50	90	93	64		
FORCE - OFF #2	14	22	26	32		
FORCE - OFF #3						
FORCE - OFF #4						
FORCE - OFF #5						
LENGTH OF HOLD - RELEASE OR YIELD (PERMISSIVE) (SEC.)	4	4	4	4		

HODGSON ROAD						
DESCRIPTION	TIMING PROGRAM (CYCLE NO.)					FREE OPER.
	1	2	3	4	5	
TIME PERIOD IN EFFECT	SEE WEEKLY TIMING PROGRAM CHART					
CYCLE LENGTH (SEC.)	80	110	110	110		
OFFSET (RESET) NO. 1 (SEC.)	78	34	32	35		
FORCE - OFF #2	14	14	14	14		
FORCE - OFF #3						
FORCE - OFF #4						
FORCE - OFF #5						
LENGTH OF HOLD - RELEASE OR YIELD (PERMISSIVE) (SEC.)	4	4	4	4		

WEEKLY TIMING PROGRAM CHART

	2400-0600	0600-0700	0700-0800	0800-0900	0900-1130	1130-1400	1400-1600	1600-1700	1700-1800	1800-2130	2130-2300	2300-2400
SUNDAY	1	2	2	2	3	3	3	3	3	2	1	1
MONDAY	1	2	5	5	5	3	4	4	4	3	2	1
TUESDAY	1	2	5	5	5	3	4	4	4	3	2	1
WEDNESDAY	1	2	5	5	5	3	4	4	4	3	2	1
THURSDAY	1	2	5	5	5	3	4	4	4	3	2	1
FRIDAY	1	2	5	5	5	3	4	4	4	3	2	1
SATURDAY	1	2	5	5	3	3	4	4	4	3	1	1

- 1.) OFFSETS ARE MEASURED FROM INCOMING MASTER SYNCH PULSE TIME TO HOLD-RELEASE (YIELD) AT END OF MAJOR STREET PHASE WHICH IS PHASE # 1. END OF MAJOR STREET PHASE IS END OF GREEN/BEGINNING OF YELLOW, EXCEPT WHERE PEDESTRIAN TIMING PROVIDED, IN WHICH CASE IT IS END OF GREEN PLUS WALK/BEGINNING OF GREEN - PLUS FLASHING DON'T WALK.
- 2.) FORCE OFF IS MEASURED FROM THE HOLD RELEASE (YIELD).

COORDINATION TIMING CHART

TIMING PROGRAMS

- 1 - FREE OPERATIONS
- 2 - 80 SEC CYCLE BALANCED
- 3 - 110 SEC CYCLE BALANCED
- 4 - 110 SEC CYCLE NORTHBOUND FAVOR
- 5 - 110 SEC CYCLE SOUTHBOUND FAVOR

- KEY : **** BOTH LEFTS
 ===== BOTH THRUS
 ++++ NB THRU & LEFT
 ---- SB THRU & LEFT
 //// NB LEFT & EB, WB RIGHT

SCALE : 1" = 40 SECONDS HORIZONTAL
 1" = 400 FEET VERTICAL

