

AM WITH PEDESTRIAN PHASE

AM PEAK CYCLE - 120 SECONDS (6:00 AM - 9:00 AM)										
INTERSECTION	SPLITS									OFFSET*
	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8	Ø9	
VT 289 SB	14s, 12%	65s, 54%		41s, 34%		65s, 54%				21s, 18%
VT 289 NB		76s, 63%			14s, 12%	76s, 63%		30s, 25%		12s, 10%
BILLIE BUTLER DRIVE		97s, 81%		23s, 19%		97s, 81%		23s, 19%		109s, 91%
OLD STAGE ROAD	16s, 13%	60s, 50%		24s, 20%	16s, 13%	60s, 50%		24s, 20%	20s, 17%	0s
ESSEX WAY		81s, 67%				81s, 67%		19s, 16%	20s, 17%	84s, 70%

* OFFSET CALCULATED TO FAVOR ROUTE 15 WESTBOUND TRAFFIC

NOTES:
1. THE SIGNALS AT OLD STAGE ROAD AND ESSEX WAY WILL OPERATE UNCOORDINATED DURING OFF PEAK PERIODS.

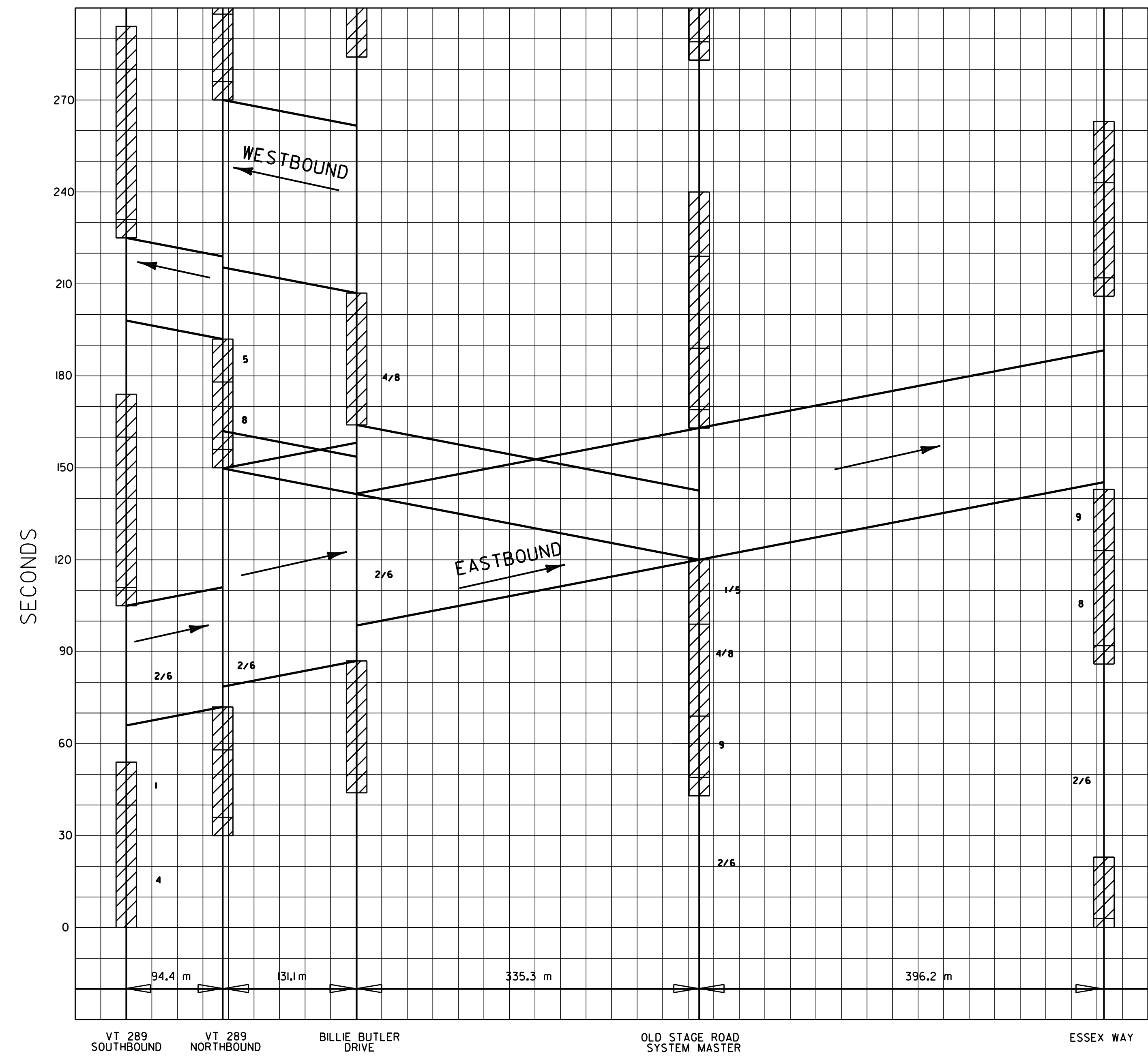
2. THE ROUTE 15 EASTBOUND THRU MOVEMENT HAS BEEN USED FOR THE COORDINATED MOVEMENT AT THE VT ROUTE 15 / VT 289 SOUTHBOUND RAMP INTERSECTION.

3. SIGNAL OFFSETS SHOWN ABOVE ARE REFERENCED TO THE BEGINNING OF THE GREEN FOR PHASE 2 & 6.

4. SPLITS SHOWN INCLUDE 4 SECONDS OF YELLOW PLUS 2 SECONDS ALL RED FOR EACH PHASE.

5. SYSTEM OFFSETS SHOWN ABOVE HAVE BEEN CALCULATED BASED ON NO PED CALLS (PED PHASE IS SKIPPED AND REVERTS TO Ø2 & Ø6).

6. TIME OF DAY PROGRAM ADJUSTED TO RUN OFF PEAK CYCLE ALL DAY SATURDAY AND SUNDAY



PM WITH PEDESTRIAN PHASE

PM PEAK CYCLE - 120 SECONDS (3:00 PM - 6:00 PM)										
INTERSECTION	SPLITS									OFFSET*
	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8	Ø9	
VT 289 SB	14s, 12%	65s, 54% 53s, 44%		41s, 34% 49s, 41%		65s, 54% 53s, 44%				21s, 18% 119s, 99%
VT 289 NB		84s, 70%			14s, 12%	84s, 70%		22s, 18%		72s, 60%
BILLIE BUTLER DRIVE		97s, 81%		37s, 31%		97s, 81%		37s, 31%		87s, 73%
OLD STAGE ROAD	21s, 18%	49s, 41%		30s, 25%	21s, 18%	49s, 41%		30s, 25%	20s, 17%	0s
ESSEX WAY		69s, 58%				69s, 58%		31s, 26%	20s, 17%	23s, 19%

* OFFSET CALCULATED TO FAVOR ROUTE 15 EASTBOUND TRAFFIC
THE VT 289 SB RAMP OFFSET WAS RE-CALCULATED TO FAVOR THE RAMP WITH ROUTE 15 EASTBOUND AS THE COORDINATED PHASE (SEMI-ACTUATED SIGNAL)

OFF PEAK CYCLE - 70 SECONDS										
INTERSECTION	SPLITS									OFFSET
	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8	Ø9	
VT 289 SB	14s, 20%	35s, 50%		21s, 30%		35s, 50%				64s, 91%
VT 289 NB		38s, 54%			14s, 20%	38s, 54%		18s, 26%		69s, 99%
BILLIE BUTLER DRIVE		41s, 59%		29s, 41%		41s, 59%		29s, 41%		68s, 97%

ALL SIGNALS RUN FREE FROM 2000 TO 0600 WEEKDAYS

DATUM
VERTICAL 1:1 (10 mm = 10 sec.)
HORIZONTAL 1:3000

COORDINATION DATA	PROJECT NAME: ESSEX
	PROJECT NUMBER: STP 030-1(17)S
	PLOT FILE NAME: zstp030-1(17)sfrm7.dgn L&D PROJECT NUMBER: 00-074 DESIGNED BY: LAMOUREUX & DICKINSON CONSULTING ENGINEERS, INC.

DRAWN BY: PLC
CHECKED BY: RJD
SHEET 33