



TIME	TURNING COUNTS (PERCENTAGE OF H.V.S)				
	FROM/TO	ARM A	ARM B	ARM C	ARM D
16.15 - 17.45	ARM A	0.000	0.018	0.943	0.039
		( 0.0)	( 27.0)	(1386.0)	( 57.0)
		( 0.0)	( 62.0)	( 1.0)	( 0.0)
		( 0.0)	( 0.0)	( 0.0)	( 0.0)
	ARM B	0.506	0.000	0.460	0.034
		( 88.0)	( 0.0)	( 80.0)	( 6.0)
		( 21.0)	( 0.0)	( 0.0)	( 20.0)
		( 0.0)	( 0.0)	( 0.0)	( 0.0)
	ARM C	0.882	0.115	0.000	0.004
		( 997.0)	( 130.0)	( 0.0)	( 4.0)
		( 1.0)	( 24.0)	( 0.0)	( 0.0)
		( 0.0)	( 0.0)	( 0.0)	( 0.0)
	ARM D	0.855	0.000	0.145	0.000
		( 65.0)	( 0.0)	( 11.0)	( 0.0)
		( 0.0)	( 0.0)	( 0.0)	( 0.0)
		( 0.0)	( 0.0)	( 0.0)	( 0.0)

QUEUE AND DELAY INFORMATION FOR EACH 15 MIN TIME SEGMENT

TIME	DEMAND (VEH/MIN)	CAPACITY (VEH/MIN)	DEMAND/CAPACITY (RFC)	PEDESTRIAN FLOW (PEDS/MIN)	START QUEUE (VEHS)	END QUEUE (VEHS)	DELAY (VEH.MIN/TIME SEGMENT)	GEOMETRIC DELAY (VEH.MIN/TIME SEGMENT)	AVERAGE DELAY PER ARRIVING VEHICLE (MIN)
16.15-16.30									
ARM A	18.44	32.12	0.574	--	0.0	1.3	19.3	-	0.072
ARM B	2.18	13.88	0.157	--	0.0	0.2	2.7	-	0.085
ARM C	14.19	27.48	0.516	--	0.0	1.1	15.3	-	0.074
ARM D	0.95	12.65	0.075	--	0.0	0.1	1.2	-	0.085

TIME	DEMAND (VEH/MIN)	CAPACITY (VEH/MIN)	DEMAND/CAPACITY (RFC)	PEDESTRIAN FLOW (PEDS/MIN)	START QUEUE (VEHS)	END QUEUE (VEHS)	DELAY (VEH.MIN/TIME SEGMENT)	GEOMETRIC DELAY (VEH.MIN/TIME SEGMENT)	AVERAGE DELAY PER ARRIVING VEHICLE (MIN)
16.30-16.45									
ARM A	22.02	31.82	0.692	--	1.3	2.2	31.6	-	0.101
ARM B	2.61	11.85	0.220	--	0.2	0.3	4.1	-	0.108
ARM C	16.95	27.19	0.623	--	1.1	1.6	23.5	-	0.097
ARM D	1.14	10.87	0.105	--	0.1	0.1	1.7	-	0.103

TIME	DEMAND (VEH/MIN)	CAPACITY (VEH/MIN)	DEMAND/CAPACITY (RFC)	PEDESTRIAN FLOW (PEDS/MIN)	START QUEUE (VEHS)	END QUEUE (VEHS)	DELAY (VEH.MIN/TIME SEGMENT)	GEOMETRIC DELAY (VEH.MIN/TIME SEGMENT)	AVERAGE DELAY PER ARRIVING VEHICLE (MIN)
16.45-17.00									
ARM A	26.98	31.41	0.859	--	2.2	5.6	73.6	-	0.206
ARM B	3.19	9.16	0.349	--	0.3	0.5	7.6	-	0.167
ARM C	20.75	26.82	0.774	--	1.6	3.3	45.4	-	0.159
ARM D	1.39	8.48	0.164	--	0.1	0.2	2.8	-	0.141

TIME	DEMAND (VEH/MIN)	CAPACITY (VEH/MIN)	DEMAND/CAPACITY (RFC)	PEDESTRIAN FLOW (PEDS/MIN)	START QUEUE (VEHS)	END QUEUE (VEHS)	DELAY (VEH.MIN/TIME SEGMENT)	GEOMETRIC DELAY (VEH.MIN/TIME SEGMENT)	AVERAGE DELAY PER ARRIVING VEHICLE (MIN)
17.00-17.15									
ARM A	26.98	31.40	0.859	--	5.6	5.8	85.6	-	0.223
ARM B	3.19	9.04	0.353	--	0.5	0.5	8.0	-	0.171
ARM C	20.75	26.80	0.774	--	3.3	3.3	49.8	-	0.165
ARM D	1.39	8.41	0.166	--	0.2	0.2	2.9	-	0.143

TIME	DEMAND (VEH/MIN)	CAPACITY (VEH/MIN)	DEMAND/CAPACITY (RFC)	PEDESTRIAN FLOW (PEDS/MIN)	START QUEUE (VEHS)	END QUEUE (VEHS)	DELAY (VEH.MIN/TIME SEGMENT)	GEOMETRIC DELAY (VEH.MIN/TIME SEGMENT)	AVERAGE DELAY PER ARRIVING VEHICLE (MIN)
17.15-17.30									
ARM A	22.02	31.80	0.693	--	5.8	2.3	37.1	-	0.107
ARM B	2.61	11.69	0.223	--	0.5	0.3	4.5	-	0.110
ARM C	16.95	27.18	0.624	--	3.3	1.7	26.5	-	0.100
ARM D	1.14	10.77	0.106	--	0.2	0.1	1.8	-	0.104

TIME	DEMAND (VEH/MIN)	CAPACITY (VEH/MIN)	DEMAND/CAPACITY (RFC)	PEDESTRIAN FLOW (PEDS/MIN)	START QUEUE (VEHS)	END QUEUE (VEHS)	DELAY (VEH.MIN/TIME SEGMENT)	GEOMETRIC DELAY (VEH.MIN/TIME SEGMENT)	AVERAGE DELAY PER ARRIVING VEHICLE (MIN)
17.30-17.45									
ARM A	18.44	32.11	0.574	--	2.3	1.4	21.2	-	0.074
ARM B	2.18	13.80	0.158	--	0.3	0.2	2.9	-	0.086
ARM C	14.19	27.46	0.517	--	1.7	1.1	16.7	-	0.076
ARM D	0.95	12.57	0.076	--	0.1	0.1	1.3	-	0.086

QUEUE AT ARM A

TIME SEGMENT ENDING	NO. OF VEHICLES IN QUEUE
16.30	1.3 *
16.45	2.2 **
17.00	5.6 *****
17.15	5.8 *****
17.30	2.3 **
17.45	1.4 *

.QUEUE AT ARM B

TIME SEGMENT ENDING	NO. OF VEHICLES IN QUEUE
16.30	0.2
16.45	0.3
17.00	0.5 *
17.15	0.5 *
17.30	0.3
17.45	0.2

.QUEUE AT ARM C

TIME SEGMENT ENDING	NO. OF VEHICLES IN QUEUE
16.30	1.1 *
16.45	1.6 **
17.00	3.3 ***
17.15	3.3 ***
17.30	1.7 **
17.45	1.1 *

.QUEUE AT ARM D

TIME SEGMENT ENDING	NO. OF VEHICLES IN QUEUE
16.30	0.1
16.45	0.1
17.00	0.2
17.15	0.2
17.30	0.1
17.45	0.1

.QUEUEING DELAY INFORMATION OVER WHOLE PERIOD

										T75	
I	ARM	I	TOTAL DEMAND		I	* QUEUEING * * DELAY *		I	* INCLUSIVE QUEUEING * * DELAY *		I
I	I	I	(VEH)	(VEH/H)	I	(MIN)	(MIN/VEH)	I	(MIN)	(MIN/VEH)	I
I	A	I	2023.3	I 1348.9	I	268.3	I 0.13	I	268.3	I 0.13	I
I	B	I	239.5	I 159.7	I	29.8	I 0.12	I	29.8	I 0.12	I
I	C	I	1556.7	I 1037.8	I	177.2	I 0.11	I	177.2	I 0.11	I
I	D	I	104.6	I 69.7	I	11.8	I 0.11	I	11.8	I 0.11	I
I	ALL	I	3924.2	I 2616.1	I	487.1	I 0.12	I	487.1	I 0.12	I

\* DELAY IS THAT OCCURRING ONLY WITHIN THE TIME PERIOD.  
 \* INCLUSIVE DELAY INCLUDES DELAY SUFFERED BY VEHICLES WHICH ARE STILL QUEUEING AFTER THE END OF THE TIME PERIOD.  
 \* THESE WILL ONLY BE SIGNIFICANTLY DIFFERENT IF THERE IS A LARGE QUEUE REMAINING AT THE END OF THE TIME PERIOD.

END OF JOB