



TIME	TURNING COUNTS (PERCENTAGE OF H.V.S)				
	FROM/TO	ARM A	ARM B	ARM C	ARM D
08.15 - 09.45	ARM A	0.000	0.012	0.877	0.111
		( 0.0)	( 10.0)	( 719.0)	( 91.0)
		( 0.0)	( 41.0)	( 3.0)	( 1.0)
		( 0.0)	( 0.0)	( 0.0)	( 0.0)
	ARM B	0.455	0.000	0.506	0.038
		( 71.0)	( 0.0)	( 79.0)	( 6.0)
		( 33.0)	( 0.0)	( 6.0)	( 0.0)
		( 0.0)	( 0.0)	( 0.0)	( 0.0)
	ARM C	0.914	0.076	0.000	0.010
		( 1052.0)	( 87.0)	( 0.0)	( 12.0)
		( 4.0)	( 13.0)	( 0.0)	( 0.0)
		( 0.0)	( 0.0)	( 0.0)	( 0.0)
	ARM D	0.667	0.000	0.333	0.000
		( 8.0)	( 0.0)	( 4.0)	( 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)
08.15-08.30									
ARM A	10.29	32.38	0.318	--	0.0	0.5	6.8	-	0.045
ARM B	1.96	17.27	0.113	--	0.0	0.1	1.9	-	0.065
ARM C	14.44	27.03	0.534	--	0.0	1.1	16.4	-	0.078
ARM D	0.15	12.56	0.012	--	0.0	0.0	0.2	-	0.081

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08.30-08.45									
ARM A	12.29	32.20	0.382	--	0.5	0.6	9.1	-	0.050
ARM B	2.34	16.18	0.144	--	0.1	0.2	2.5	-	0.072
ARM C	17.25	26.72	0.646	--	1.1	1.8	25.7	-	0.105
ARM D	0.18	10.76	0.017	--	0.0	0.0	0.2	-	0.095

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08.45-09.00									
ARM A	15.05	31.96	0.471	--	0.6	0.9	13.0	-	0.059
ARM B	2.86	14.68	0.195	--	0.2	0.2	3.5	-	0.085
ARM C	21.12	26.29	0.804	--	1.8	3.9	52.7	-	0.184
ARM D	0.22	8.37	0.026	--	0.0	0.0	0.4	-	0.123

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09.00-09.15									
ARM A	15.05	31.96	0.471	--	0.9	0.9	13.3	-	0.059
ARM B	2.86	14.67	0.195	--	0.2	0.2	3.6	-	0.085
ARM C	21.12	26.28	0.804	--	3.9	4.0	58.8	-	0.193
ARM D	0.22	8.29	0.027	--	0.0	0.0	0.4	-	0.124

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QUEUE AT ARM A

TIME SEGMENT ENDING	NO. OF VEHICLES IN QUEUE
08.30	0.5
08.45	0.6 *
09.00	0.9 *
09.15	0.9 *
09.30	0.6 *
09.45	0.5

.QUEUE AT ARM B

TIME SEGMENT ENDING	NO. OF VEHICLES IN QUEUE
08.30	0.1
08.45	0.2
09.00	0.2
09.15	0.2
09.30	0.2
09.45	0.1

.QUEUE AT ARM C

TIME SEGMENT ENDING	NO. OF VEHICLES IN QUEUE
08.30	1.1 *
08.45	1.8 **
09.00	3.9 ****
09.15	4.0 ****
09.30	1.9 **
09.45	1.2 *

.QUEUE AT ARM D

TIME SEGMENT ENDING	NO. OF VEHICLES IN QUEUE
08.30	0.0
08.45	0.0
09.00	0.0
09.15	0.0
09.30	0.0
09.45	0.0

.QUEUEING DELAY INFORMATION OVER WHOLE PERIOD

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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	1128.7	I 752.4	I	58.7	I 0.05	I	58.7	I 0.05	I
I	B	I	214.7	I 143.1	I	16.1	I 0.07	I	16.1	I 0.07	I
I	C	I	1584.3	I 1056.2	I	201.0	I 0.13	I	201.0	I 0.13	I
I	D	I	16.5	I 11.0	I	1.7	I 0.10	I	1.7	I 0.10	I
I	ALL	I	2944.2	I 1962.8	I	277.5	I 0.09	I	277.5	I 0.09	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