



# Binghamton Metropolitan Transportation Study

P.O. BOX 1766

BINGHAMTON, NY 13902

Dom Dellos  
 Grand / Willow PM  
 Johnson City  
 Sun, Sun, and some Sun

File Name : Grand and Willow PM 2011  
 Site Code : 195  
 Start Date : 7/29/2011  
 Page No : 1

Groups Printed- Unshifted - Heavy Vehicles

Start Time	Willow From North					Grand From East					Willow From South					Grand From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
03:00 PM	4	4	2	0	10	8	11	0	2	21	0	4	0	0	4	3	21	6	0	30	65
03:15 PM	3	3	5	0	11	11	12	1	3	27	0	4	0	0	4	2	22	5	0	29	71
03:30 PM	4	5	6	0	15	13	13	1	2	29	0	3	0	0	3	1	20	10	2	33	80
03:45 PM	4	5	9	0	18	9	15	0	0	24	0	10	0	2	12	2	12	4	0	18	72
Total	15	17	22	0	54	41	51	2	7	101	0	21	0	2	23	8	75	25	2	110	288
04:00 PM	5	8	12	1	26	8	14	0	11	33	0	9	2	0	11	1	18	11	6	36	106
04:15 PM	11	12	5	0	28	14	13	0	1	28	1	2	2	0	5	0	18	8	0	26	87
04:30 PM	4	5	3	2	14	4	11	0	2	17	0	10	0	3	13	2	14	8	8	32	76
04:45 PM	2	4	6	0	12	6	13	0	1	20	0	2	0	0	2	3	13	6	4	26	60
Total	22	29	26	3	80	32	51	0	15	98	1	23	4	3	31	6	63	33	18	120	329
05:00 PM	4	6	6	0	16	1	9	0	0	10	0	6	1	0	7	1	18	5	3	27	60
05:15 PM	4	7	5	0	16	8	11	0	1	20	0	5	2	2	9	1	21	1	6	29	74
Grand Total	45	59	59	3	166	82	122	2	23	229	1	55	7	7	70	16	177	64	29	286	751
Apprch %	27.1	35.5	35.5	1.8		35.8	53.3	0.9	10		1.4	78.6	10	10		5.6	61.9	22.4	10.1		
Total %	6	7.9	7.9	0.4	22.1	10.9	16.2	0.3	3.1	30.5	0.1	7.3	0.9	0.9	9.3	2.1	23.6	8.5	3.9	38.1	
Unshifted	45	57	59	3	164	81	120	2	23	226	1	52	6	7	66	16	177	63	29	285	741
% Unshifted	100	96.6	100	100	98.8	98.8	98.4	100	100	98.7	100	94.5	85.7	100	94.3	100	100	98.4	100	99.7	98.7
Heavy Vehicles	0	2	0	0	2	1	2	0	0	3	0	3	1	0	4	0	0	1	0	1	10
% Heavy Vehicles	0	3.4	0	0	1.2	1.2	1.6	0	0	1.3	0	5.5	14.3	0	5.7	0	0	1.6	0	0.3	1.3



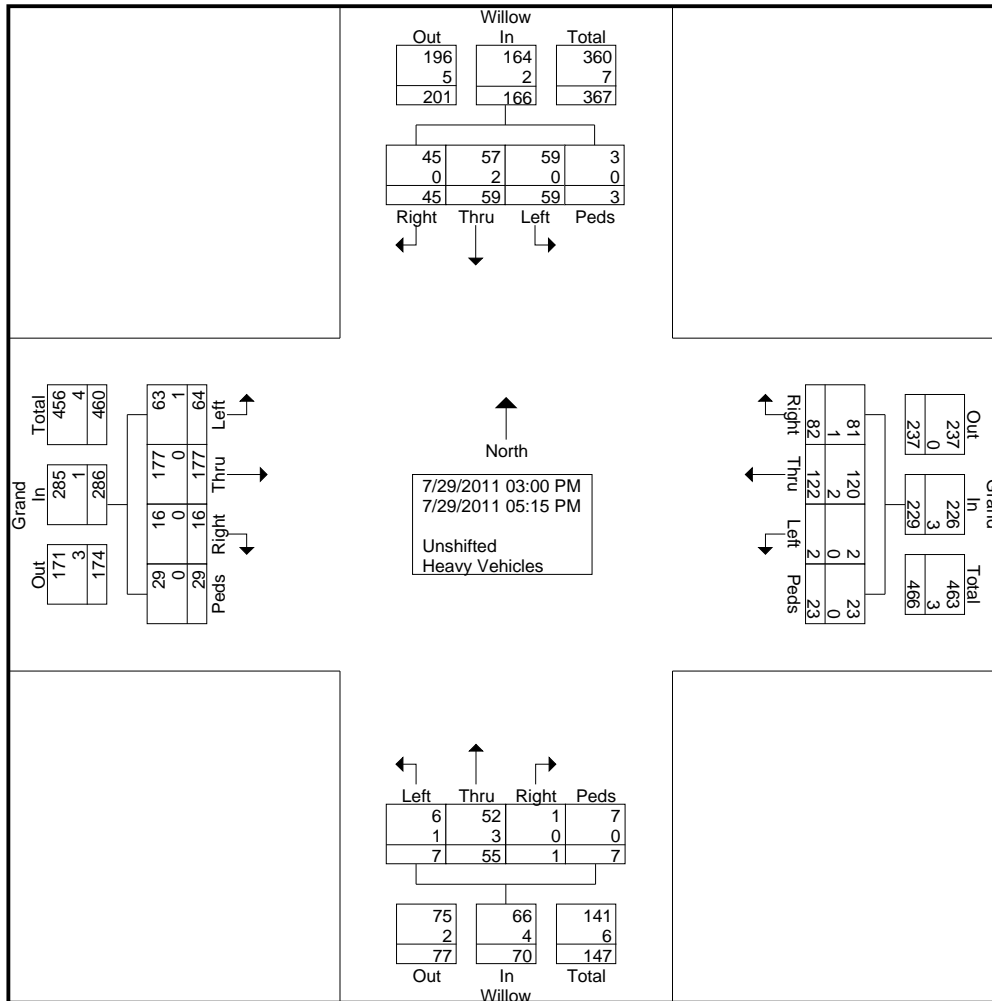
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Start Time	Willow From North					Grand From East					Willow From South					Grand From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 03:00 PM to 04:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 03:30 PM																					
03:30 PM	4	5	6	0	15	13	13	1	2	29	0	3	0	0	3	1	20	10	2	33	80
03:45 PM	4	5	9	0	18	9	15	0	0	24	0	10	0	2	12	2	12	4	0	18	72
04:00 PM	5	8	12	1	26	8	14	0	11	33	0	9	2	0	11	1	18	11	6	36	106
04:15 PM	11	12	5	0	28	14	13	0	1	28	1	2	2	0	5	0	18	8	0	26	87
Total Volume	24	30	32	1	87	44	55	1	14	114	1	24	4	2	31	4	68	33	8	113	345
% App. Total	27.6	34.5	36.8	1.1		38.6	48.2	0.9	12.3		3.2	77.4	12.9	6.5		3.5	60.2	29.2	7.1		
PHF	.545	.625	.667	.250	.777	.786	.917	.250	.318	.864	.250	.600	.500	.250	.646	.500	.850	.750	.333	.785	.814

