

National Data & Surveying Services Intersection Turning Movement Count

Location: Mace Blvd & I-80 WB on/off Ramps
City: Davis
Control: Signalized

Project ID: 19-07183-001
Date: 5/29/2019

Total

NS/EW Streets:	Mace Blvd				Mace Blvd				I-80 WB on/off Ramps				I-80 WB on/off Ramps				TOTAL
	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
AM	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:30 AM	87	90	0	0	0	238	52	0	0	0	0	0	70	1	136	0	674
7:45 AM	103	124	0	0	0	196	62	0	0	0	0	0	75	0	149	0	709
8:00 AM	92	142	0	0	0	200	55	0	0	0	0	0	73	0	137	0	699
8:15 AM	81	161	0	0	0	270	52	0	0	0	0	0	60	1	131	0	756
8:30 AM	89	125	0	0	0	247	49	0	0	0	0	0	64	2	135	0	711
8:45 AM	105	120	0	0	0	199	33	0	0	0	0	0	66	0	108	0	631
9:00 AM	76	119	0	0	0	243	36	0	0	0	0	0	57	0	85	0	616
9:15 AM	60	140	0	0	0	167	45	0	0	0	0	0	68	1	102	0	583
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :	693	1021	0	0	0	1760	384	0	0	0	0	0	533	5	983	0	5379
	40.43%	59.57%	0.00%	0.00%	0.00%	82.09%	17.91%	0.00%					35.04%	0.33%	64.63%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	365	552	0	0	0	913	218	0	0	0	0	0	272	3	552	0	2875
PEAK HR FACTOR :	0.886	0.857	0.000	0.000	0.000	0.845	0.879	0.000	0.000	0.000	0.000	0.000	0.907	0.375	0.926	0.000	0.951
	0.947				0.878								0.923				

NS/EW Streets:	Mace Blvd				Mace Blvd				I-80 WB on/off Ramps				I-80 WB on/off Ramps				TOTAL
	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
PM	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:30 PM	60	111	0	0	0	260	52	0	0	0	0	0	72	2	140	0	697
4:45 PM	48	123	0	0	0	243	46	0	0	0	0	0	89	2	135	0	686
5:00 PM	51	141	0	0	0	292	64	0	0	0	0	0	95	4	168	0	815
5:15 PM	46	151	0	0	0	317	38	0	0	0	0	0	117	1	191	0	861
5:30 PM	66	154	0	0	0	254	55	0	0	0	0	0	113	0	166	0	808
5:45 PM	49	149	0	0	0	213	42	0	0	0	0	0	126	1	190	0	770
6:00 PM	54	102	0	0	0	223	38	0	0	0	0	0	112	0	157	0	686
6:15 PM	57	112	0	0	0	203	30	0	0	0	0	0	72	0	142	0	616
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :	431	1043	0	0	0	2005	365	0	0	0	0	0	796	10	1289	0	5939
	29.24%	70.76%	0.00%	0.00%	0.00%	84.60%	15.40%	0.00%					38.00%	0.48%	61.53%	0.00%	
PEAK HR :	05:00 PM - 06:00 PM																TOTAL
PEAK HR VOL :	212	595	0	0	0	1076	199	0	0	0	0	0	451	6	715	0	3254
PEAK HR FACTOR :	0.803	0.966	0.000	0.000	0.000	0.849	0.777	0.000	0.000	0.000	0.000	0.000	0.895	0.375	0.936	0.000	0.945
	0.917				0.895								0.924				

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Cars

NS/EW Streets:	Mace Blvd				Mace Blvd				I-80 WB on/off Ramps				I-80 WB on/off Ramps				TOTAL																
	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND																				
AM	2	2	0	0	0	2	1	0	0	0	0	0	1.5	0.5	1	0	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:30 AM	87	87	0	0	0	232	52	0	0	0	0	0	69	0	134	0	661																
7:45 AM	102	119	0	0	0	193	61	0	0	0	0	0	73	0	145	0	693																
8:00 AM	92	140	0	0	0	196	53	0	0	0	0	0	70	0	132	0	683																
8:15 AM	79	157	0	0	0	265	51	0	0	0	0	0	53	1	128	0	734																
8:30 AM	86	121	0	0	0	244	46	0	0	0	0	0	58	2	129	0	686																
8:45 AM	101	118	0	0	0	192	33	0	0	0	0	0	64	0	105	0	613																
9:00 AM	75	117	0	0	0	239	36	0	0	0	0	0	55	0	79	0	601																
9:15 AM	59	138	0	0	0	164	44	0	0	0	0	0	64	1	95	0	565																
TOTAL VOLUMES :	681	997	0	0	0	1725	376	0	0	0	0	0	506	4	947	0	5236																
APPROACH %'s :	40.58%	59.42%	0.00%	0.00%	0.00%	82.10%	17.90%	0.00%					34.73%	0.27%	65.00%	0.00%																	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL																
PEAK HR VOL :	359	537	0	0	0	898	211	0	0	0	0	0	254	3	534	0	2796																
PEAK HR FACTOR :	0.88	0.855	0.000	0.000	0.000	0.847	0.865	0.000	0.000	0.000	0.000	0.000	0.870	0.375	0.921	0.000	0.952																
	0.949				0.877								0.907																				
PM	2	2	0	0	0	2	1	0	0	0	0	0	1.5	0.5	1	0	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:30 PM	59	109	0	0	0	253	52	0	0	0	0	0	71	1	140	0	685																
4:45 PM	45	120	0	0	0	239	45	0	0	0	0	0	87	2	134	0	672																
5:00 PM	51	138	0	0	0	288	64	0	0	0	0	0	94	4	164	0	803																
5:15 PM	46	150	0	0	0	314	38	0	0	0	0	0	115	1	190	0	854																
5:30 PM	66	152	0	0	0	250	55	0	0	0	0	0	112	0	166	0	801																
5:45 PM	49	147	0	0	0	208	42	0	0	0	0	0	124	1	187	0	758																
6:00 PM	54	101	0	0	0	219	38	0	0	0	0	0	110	0	155	0	677																
6:15 PM	57	111	0	0	0	201	30	0	0	0	0	0	72	0	142	0	613																
TOTAL VOLUMES :	427	1028	0	0	0	1972	364	0	0	0	0	0	785	9	1278	0	5863																
APPROACH %'s :	29.35%	70.65%	0.00%	0.00%	0.00%	84.42%	15.58%	0.00%					37.89%	0.43%	61.68%	0.00%																	
PEAK HR :	05:00 PM - 06:00 PM																TOTAL																
PEAK HR VOL :	212	587	0	0	0	1060	199	0	0	0	0	0	445	6	707	0	3216																
PEAK HR FACTOR :	0.80	0.965	0.000	0.000	0.000	0.844	0.777	0.000	0.000	0.000	0.000	0.000	0.897	0.375	0.930	0.000	0.941																
	0.916				0.894								0.928																				

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HT

NS/EW Streets:	Mace Blvd				Mace Blvd				I-80 WB on/off Ramps				I-80 WB on/off Ramps				TOTAL
	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
AM	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:30 AM	0	3	0	0	0	6	0	0	0	0	0	0	1	1	2	0	13
7:45 AM	1	5	0	0	0	3	1	0	0	0	0	0	2	0	4	0	16
8:00 AM	0	2	0	0	0	4	2	0	0	0	0	0	3	0	5	0	16
8:15 AM	2	4	0	0	0	5	1	0	0	0	0	0	7	0	3	0	22
8:30 AM	3	4	0	0	0	3	3	0	0	0	0	0	6	0	6	0	25
8:45 AM	4	2	0	0	0	7	0	0	0	0	0	0	2	0	3	0	18
9:00 AM	1	2	0	0	0	4	0	0	0	0	0	0	2	0	6	0	15
9:15 AM	1	2	0	0	0	3	1	0	0	0	0	0	4	0	7	0	18
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :	12	24	0	0	0	35	8	0	0	0	0	0	27	1	36	0	143
	33.33%	66.67%	0.00%	0.00%	0.00%	81.40%	18.60%	0.00%					42.19%	1.56%	56.25%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	6	15	0	0	0	15	7	0	0	0	0	0	18	0	18	0	79
PEAK HR FACTOR :	0.500	0.750	0.000	0.000	0.000	0.750	0.583	0.000	0.000	0.000	0.000	0.000	0.643	0.000	0.750	0.000	0.790
	0.750				0.917								0.750				
PM	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:30 PM	1	2	0	0	0	7	0	0	0	0	0	0	1	1	0	0	12
4:45 PM	3	3	0	0	0	4	1	0	0	0	0	0	2	0	1	0	14
5:00 PM	0	3	0	0	0	4	0	0	0	0	0	0	1	0	4	0	12
5:15 PM	0	1	0	0	0	3	0	0	0	0	0	0	2	0	1	0	7
5:30 PM	0	2	0	0	0	4	0	0	0	0	0	0	1	0	0	0	7
5:45 PM	0	2	0	0	0	5	0	0	0	0	0	0	2	0	3	0	12
6:00 PM	0	1	0	0	0	4	0	0	0	0	0	0	2	0	2	0	9
6:15 PM	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :	4	15	0	0	0	33	1	0	0	0	0	0	11	1	11	0	76
	21.05%	78.95%	0.00%	0.00%	0.00%	97.06%	2.94%	0.00%					47.83%	4.35%	47.83%	0.00%	
PEAK HR :	05:00 PM - 06:00 PM																TOTAL
PEAK HR VOL :	0	8	0	0	0	16	0	0	0	0	0	0	6	0	8	0	38
PEAK HR FACTOR :	0.00	0.667	0.000	0.000	0.000	0.800	0.000	0.000	0.000	0.000	0.000	0.000	0.750	0.000	0.500	0.000	0.792
	0.667				0.800								0.700				

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Bikes

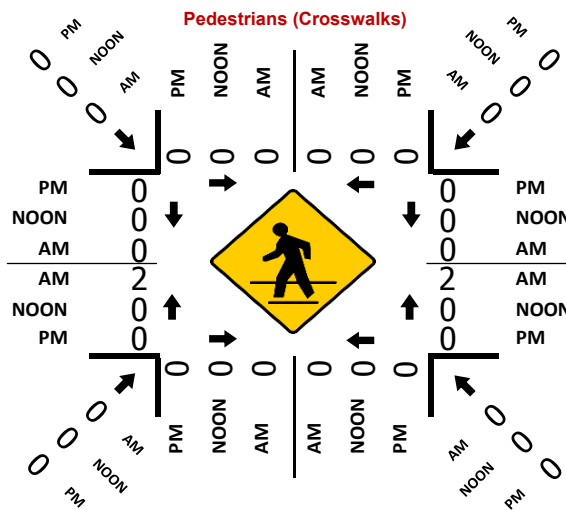
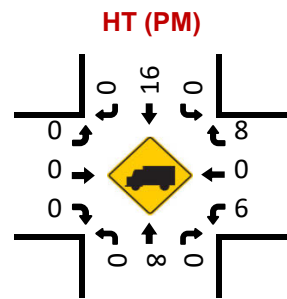
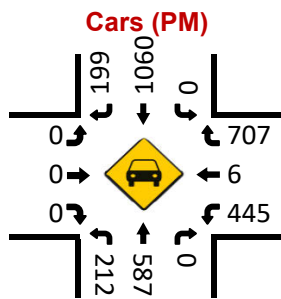
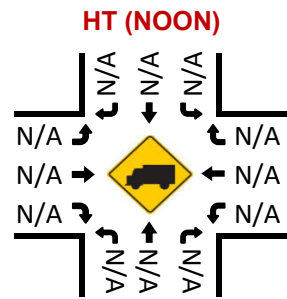
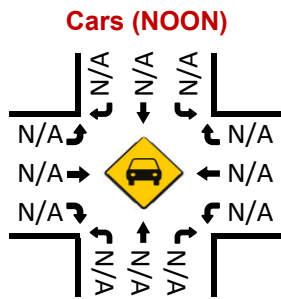
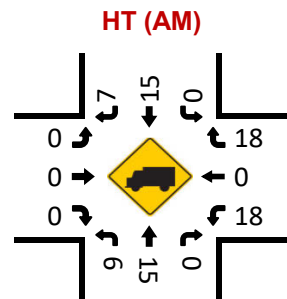
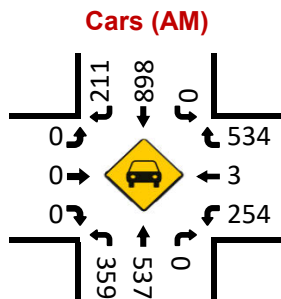
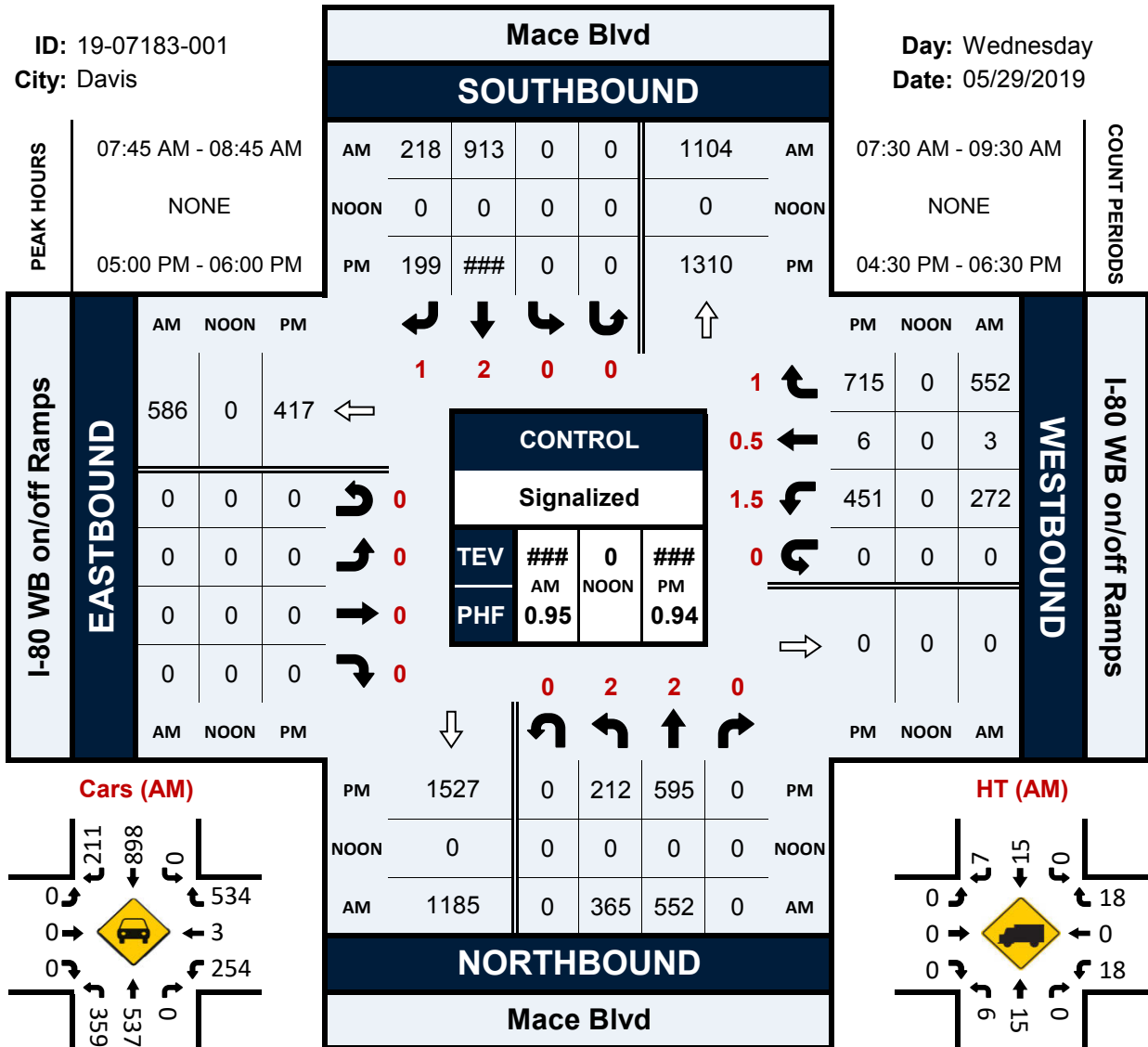
NS/EW Streets:	Mace Blvd				Mace Blvd				I-80 WB on/off Ramps				I-80 WB on/off Ramps				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				TOTAL
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	
7:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 AM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
9:15 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES :	0	4	0	0	0	2	0	0	0	0	0	0	1	0	0	0	7
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%					100.00%	0.00%	0.00%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	3
PEAK HR FACTOR :	0.000	0.250	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.750
		0.250				0.250								0.250			
PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				TOTAL
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
5:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
5:45 PM	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	3
6:00 PM	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3
6:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL VOLUMES :	0	6	0	0	0	4	0	0	0	0	0	0	2	0	0	0	12
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%					100.00%	0.00%	0.00%	0.00%	
PEAK HR :	05:00 PM - 06:00 PM																TOTAL
PEAK HR VOL :	0	4	0	0	0	2	0	0	0	0	0	0	2	0	0	0	8
PEAK HR FACTOR :	0.00	0.500	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.667
		0.500				0.250								0.500			

Mace Blvd & I-80 WB on/off Ramps

Peak Hour Turning Movement Count

ID: 19-07183-001
City: Davis

Day: Wednesday
Date: 05/29/2019



ALL TRAFFIC DATA

File Name : 19-07183-001
Date : 05/29/2019

Bank 1 Count = Bikes & Peds

START TIME	Mace Blvd Southbound					I-80 WB on/off Ramps Westbound					Mace Blvd Northbound					I-80 WB on/off Ramps Eastbound					Total	Peds Total
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL		
7:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0
7:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0
8:00	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
8:15	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	0	0	0	0	1	0	0	2	1	0	2	0	0	2	0	0	0	0	0	3	2
8:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
8:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	2
9:00	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2	0
9:15	0	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	1	3
Total	0	2	0	0	2	0	0	0	3	0	0	2	0	0	2	0	0	0	2	0	4	5
9:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0
17:15	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	2	0
Total	0	0	0	0	0	1	0	0	1	1	0	2	0	0	2	0	0	0	0	0	3	1
17:30	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	2	0
17:45	0	2	0	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3	0
18:00	0	2	0	0	2	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	3	0
18:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0
Total	0	4	0	0	4	1	0	0	0	1	0	4	0	0	4	0	0	0	0	0	9	0
23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	6	0	0	6	3	0	0	6	3	0	10	0	0	10	0	0	2	0	0	19	8
Apprch %	0.0%	100.0%	0.0%			100.0%	0.0%	0.0%			0.0%	100.0%	0.0%			0.0%	0.0%	0.0%				
Total %	0.0%	31.6%	0.0%		31.6%	15.8%	0.0%	0.0%		15.8%	0.0%	52.6%	0.0%		52.6%	0.0%	0.0%	0.0%		0.0%	100.0%	

AM PEAK HOUR	Mace Blvd Southbound					I-80 WB on/off Ramps Westbound					Mace Blvd Northbound					I-80 WB on/off Ramps Eastbound					Total	
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL		
Peak Hour Analysis From 07:45 to 08:45																						
Peak Hour For Entire Intersection Begins at 07:45																						
7:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	
8:00	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
8:15	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
8:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Total Volume	0	1	0	0	1	1	0	0	2	1	0	0	0	1	0	0	0	0	0	0	3	
% App Total	0.0%	100.0%	0.0%			100.0%	0.0%	0.0%			0.0%	100.0%	0.0%			0.0%	0.0%	0.0%				
PHF	.000	.250	.000		.250	.250	.000	.000		.250	.000	.250	.000	.000	.250	.000	.000	.000		.000	.750	

PM PEAK HOUR	Mace Blvd Southbound					I-80 WB on/off Ramps Westbound					Mace Blvd Northbound					I-80 WB on/off Ramps Eastbound					Total	
	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL	LEFT	THRU	RIGHT	PEDS	APP.TOTAL		
Peak Hour Analysis From 17:00 to 18:00																						
Peak Hour For Entire Intersection Begins at 17:00																						
17:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	
17:15	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	2	
17:30	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2	
17:45	0	2	0	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3	
Total Volume	0	2	0	0	2	2	0	0	0	2	0	4	0	0	4	0	0	0	0	0	8	
% App Total	0.0%	100.0%	0.0%			100.0%	0.0%	0.0%			0.0%	100.0%	0.0%			0.0%	0.0%	0.0%				
PHF	.000	.250	.000		.250	.500	.000	.000		.500	.000	.500	.000	.000	.500	.000	.000	.000		.000	.667	

