

APPENDIX A

TRAFFIC VOLUME SUMMARY

City of Snohomish Transportation Plan - Modeling for 2030 - Revised Trip Generation
PM Peak Hour Turning Movement Volumes

Project

Existing Year 2004

Future Year 1 2010

Future Year 2 2030

Turning Movement Volumes													
Count Volumes													
Study Intersection	NB			SB			EB			WB			Year
	L	T	R	L	T	R	L	T	R	L	T	R	
1 - Avenue D & 1st Street	18	415	273	62	182	109	28	61	45	195	59	137	2004
2 - Avenue A & 2nd Street	12	1	76	7	2	19	19	791	31	37	572	12	2004
3 - Maple Street & 2nd Street	27	162	52	60	54	159	175	548	6	27	373	51	2004
4 - Pine Avenue & 2nd Street	14	25	9	138	16	107	123	544	12	7	431	165	2004
5 - Maple Street & Pine Avenue	5	120	124	3	122	50	93	244	4	72	160	0	2004
6 - Pine Avenue & 10th Street	42	158	3	70	118	13	10	190	79	5	97	48	2004
7 - Avenue D & Bonneville Street	25	557	91	78	514	3	15	40	52	59	23	74	2004
8 - Avenue D & 13th Street	0	427	136	162	418	0	0	0	0	123	0	142	2004
9 - Avenue D & 15th Street	3	315	226	14	407	9	50	20	5	248	13	10	2004
10 - Bickford Avenue & Fobes Road	35	342	28	27	369	17	3	13	24	15	16	24	2004

Existing Conditions													
2004													
Study Intersection	NB			SB			EB			WB			Year
	L	T	R	L	T	R	L	T	R	L	T	R	
1 - Avenue D & 1st Street	18	415	273	62	182	109	28	61	45	195	59	137	2004
2 - Avenue A & 2nd Street	12	1	76	7	2	19	19	791	31	37	572	12	2004
3 - Maple Street & 2nd Street	27	162	52	60	54	159	175	548	6	27	373	51	2004
4 - Pine Avenue & 2nd Street	14	25	9	138	16	107	123	544	12	7	431	165	2004
5 - Maple Street & Pine Avenue	5	120	124	3	122	50	93	244	4	72	160	0	2004
6 - Pine Avenue & 10th Street	42	158	3	70	118	13	10	190	79	5	97	48	2004
7 - Avenue D & Bonneville Street	25	557	91	78	514	3	15	40	52	59	23	74	2004
8 - Avenue D & 13th Street	0	427	136	162	418	0	0	0	0	123	0	142	2004
9 - Avenue D & 15th Street	3	315	226	14	407	9	50	20	5	248	13	10	2004
10 - Bickford Avenue & Fobes Road	35	342	28	27	369	17	3	13	24	15	16	24	2004

City of Snohomish Transportation Plan - Modeling for 2030 - Revised Trip Generation
PM Peak Hour Turning Movement Volumes

Future Base Year												
2010												
Study Intersection	NB			SB			EB			WB		
	L	T	R	L	T	R	L	T	R	L	T	R
1 - Avenue D & 1st Street	18	533	277	64	269	109	28	61	45	198	59	138
2 - Avenue A & 2nd Street	12	1	76	10	2	22	25	891	31	37	659	14
3 - Maple Street & 2nd Street	33	167	53	70	58	174	195	628	11	27	439	57
4 - Pine Avenue & 2nd Street	14	25	9	160	16	125	148	572	12	7	458	178
5 - Maple Street & Pine Avenue	5	158	136	3	155	58	104	267	4	80	175	0
6 - Pine Avenue & 10th Street	58	185	3	70	133	24	29	264	100	5	137	48
7 - Avenue D & Bonneville Street	43	627	106	147	594	3	17	73	90	69	39	114
8 - Avenue D & 13th Street	0	537	160	202	562	0	0	0	1	141	0	177
9 - Avenue D & 15th Street	3	433	240	38	563	9	50	20	5	259	13	35
10 - Bickford Avenue & Fobes Road	35	428	106	71	440	17	3	46	24	61	23	51

Future Horizon Year												
2030												
Study Intersection	NB			SB			EB			WB		
	L	T	R	L	T	R	L	T	R	L	T	R
1 - Avenue D & 1st Street	18	926	290	71	561	109	28	61	45	209	59	143
2 - Avenue A & 2nd Street	12	1	76	18	2	34	44	1223	31	37	948	20
3 - Maple Street & 2nd Street	53	184	56	104	72	223	263	893	26	29	661	78
4 - Pine Avenue & 2nd Street	14	25	9	234	16	185	230	664	12	7	547	222
5 - Maple Street & Pine Avenue	5	283	178	3	263	85	140	345	4	106	223	0
6 - Pine Avenue & 10th Street	113	274	3	70	183	62	91	509	171	5	271	48
7 - Avenue D & Bonneville Street	102	861	155	375	861	4	24	182	218	102	93	248
8 - Avenue D & 13th Street	0	905	242	334	1044	0	0	0	5	202	0	292
9 - Avenue D & 15th Street	3	825	287	120	1082	9	50	20	5	296	13	119
10 - Bickford Avenue & Fobes Road	35	716	365	219	678	17	3	157	24	213	46	141

City of Snohomish Transportation Plan - Modeling for 2030 - Revised Trip Generation
PM Peak Hour Turning Movement Volumes

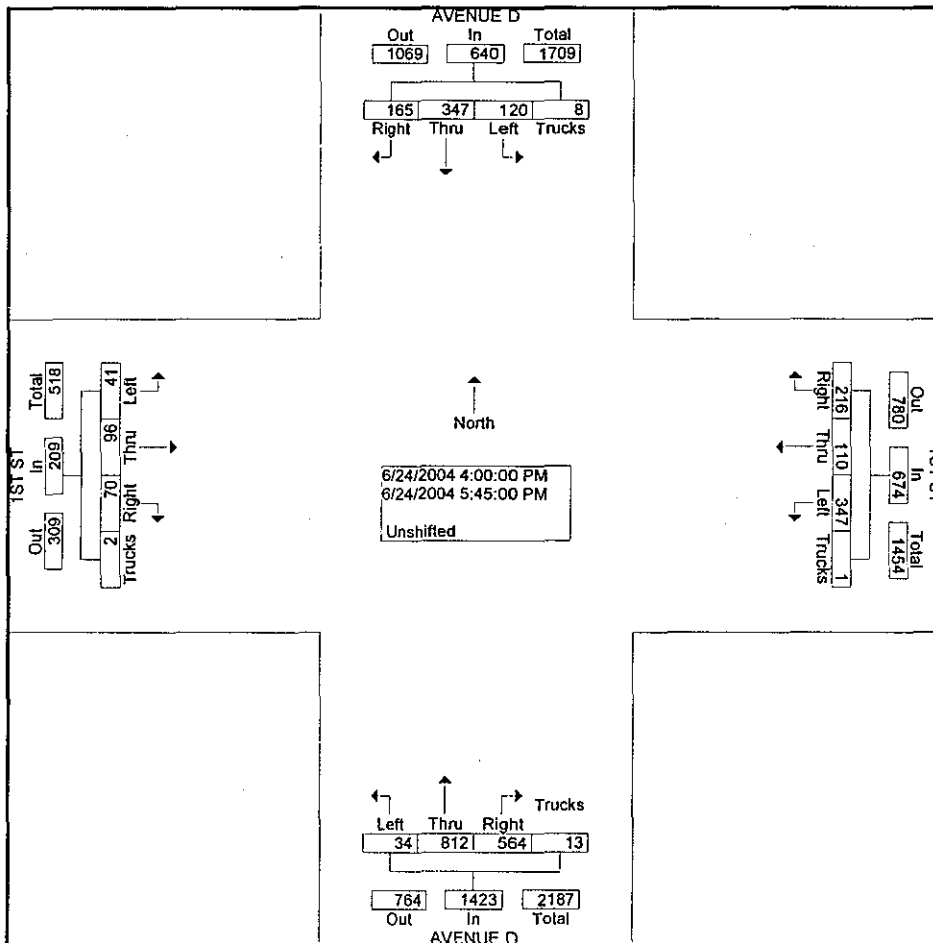
Net Growth from Existing Year to Future Horizon Year (2030)													Total Net New Traffic Growth
Study Intersection	NB			SB			EB			WB			
	L	T	R	L	T	R	L	T	R	L	T	R	
1 - Avenue D & 1st Street	0	511	17	9	379	0	0	0	0	14	0	6	936
2 - Avenue A & 2nd Street	0	0	0	11	0	15	25	432	0	0	376	8	867
3 - Maple Street & 2nd Street	26	22	4	44	18	64	88	345	20	2	288	27	948
4 - Pine Avenue & 2nd Street	0	0	0	96	0	78	107	120	0	0	116	57	574
5 - Maple Street & Pine Avenue	0	163	54	0	141	35	47	101	0	34	63	0	638
6 - Pine Avenue & 10th Street	71	116	0	0	65	49	81	319	92	0	174	0	967
7 - Avenue D & Bonneville Street	77	304	64	297	347	1	9	142	166	43	70	174	1694
8 - Avenue D & 13th Street	0	478	106	172	626	0	0	0	5	79	0	150	1616
9 - Avenue D & 15th Street	0	510	61	106	675	0	0	0	0	48	0	109	1509
10 - Bickford Avenue & Fobes Road	0	374	337	192	309	0	0	144	0	198	30	117	1701

All Traffic Data Services Inc.
 1800 NE 40th Ave J-1
 Renton, WA 98056
 Ph. 206-251-0300

File Name : 1stSt&AveDPM
 Site Code : 00000000
 Start Date : 6/24/2004
 Page No : 1

Groups Printed- Unshifted

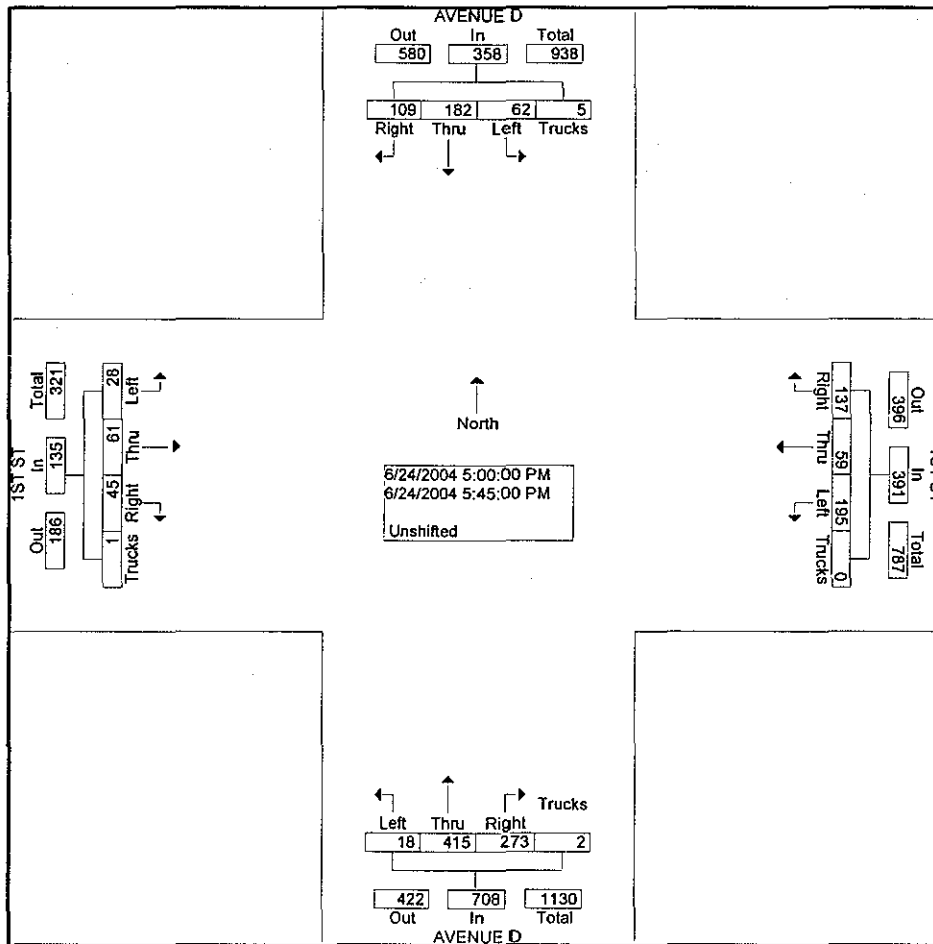
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	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
04:00 PM	11	54	8	0	32	12	10	0	4	96	67	0	5	7	7	1	314
04:15 PM	14	27	7	1	37	12	23	1	5	111	71	4	2	9	10	0	334
04:30 PM	15	50	19	2	37	13	27	0	1	97	82	5	4	9	4	0	365
04:45 PM	18	34	22	0	46	14	19	0	6	93	71	2	2	10	4	0	341
Total	58	165	56	3	152	51	79	1	16	397	291	11	13	35	25	1	1354
05:00 PM	14	41	34	0	42	11	48	0	6	92	64	0	7	15	8	0	382
05:15 PM	15	40	24	0	63	17	28	0	1	93	63	2	9	18	10	0	383
05:30 PM	13	61	25	2	54	19	31	0	5	124	68	0	6	14	12	1	435
05:45 PM	20	40	26	3	36	12	30	0	6	106	78	0	6	14	15	0	392
Total	62	182	109	5	195	59	137	0	18	415	273	2	28	61	45	1	1592
Grand Total	120	347	165	8	347	110	216	1	34	812	564	13	41	96	70	2	2946
Apprch %	18.8	54.2	25.8	1.3	51.5	16.3	32.0	0.1	2.4	57.1	39.6	0.9	19.6	45.9	33.5	1.0	
Total %	4.1	11.8	5.6	0.3	11.8	3.7	7.3	0.0	1.2	27.6	19.1	0.4	1.4	3.3	2.4	0.1	



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Start Time	AVENUE D Southbound					1ST ST Westbound					AVENUE D Northbound					1ST ST Eastbound					Int. Total
	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Intersection 05:00 PM																					
Volume	62	182	109	5	358	195	59	137	0	391	18	415	273	2	708	28	61	45	1	135	1592
Percent	17.3	50.8	30.4	1.4		49.9	15.1	35.0	0.0		2.5	58.6	38.6	0.3		20.7	45.2	33.3	0.7		
05:30 Volume	13	61	25	2	101	54	19	31	0	104	5	124	68	0	197	6	14	12	1	33	435
Peak Factor																					
High Int. 05:30 PM																					
Volume	13	61	25	2	101	05:15 PM 63	17	28	0	108	05:30 PM 5	124	68	0	197	05:15 PM 9	18	10	0	37	0.915
Peak Factor																					

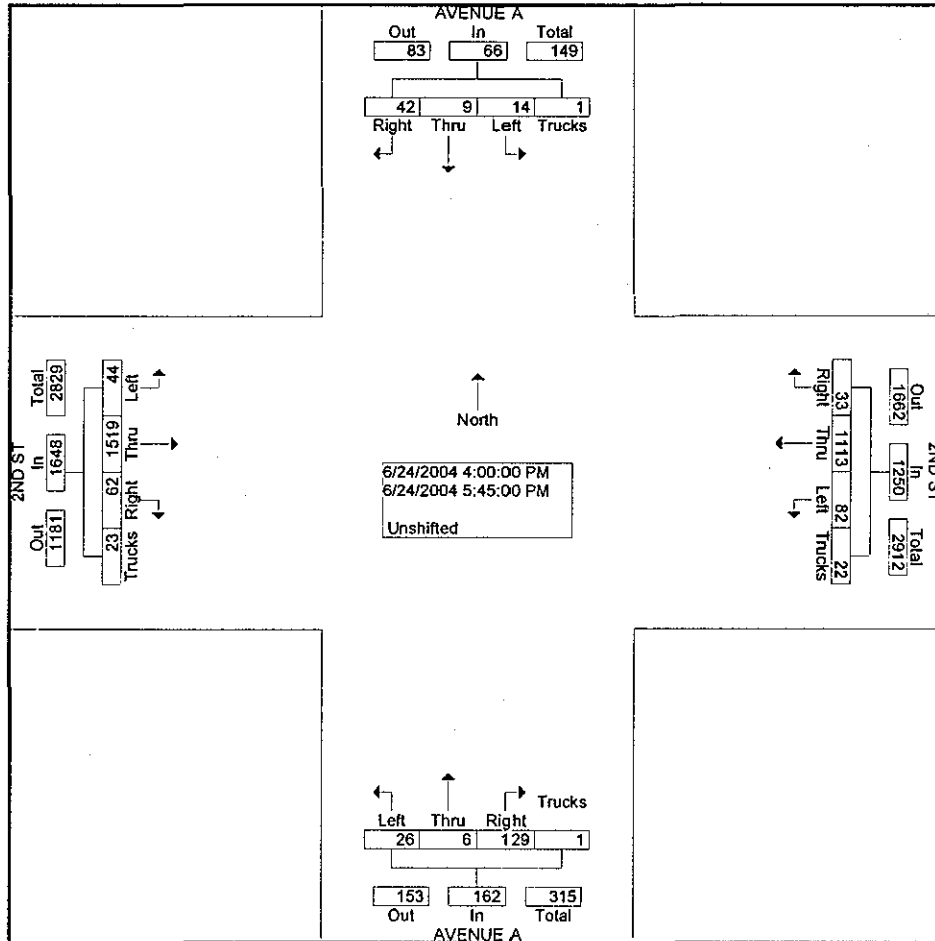


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 Site Code : 00000000
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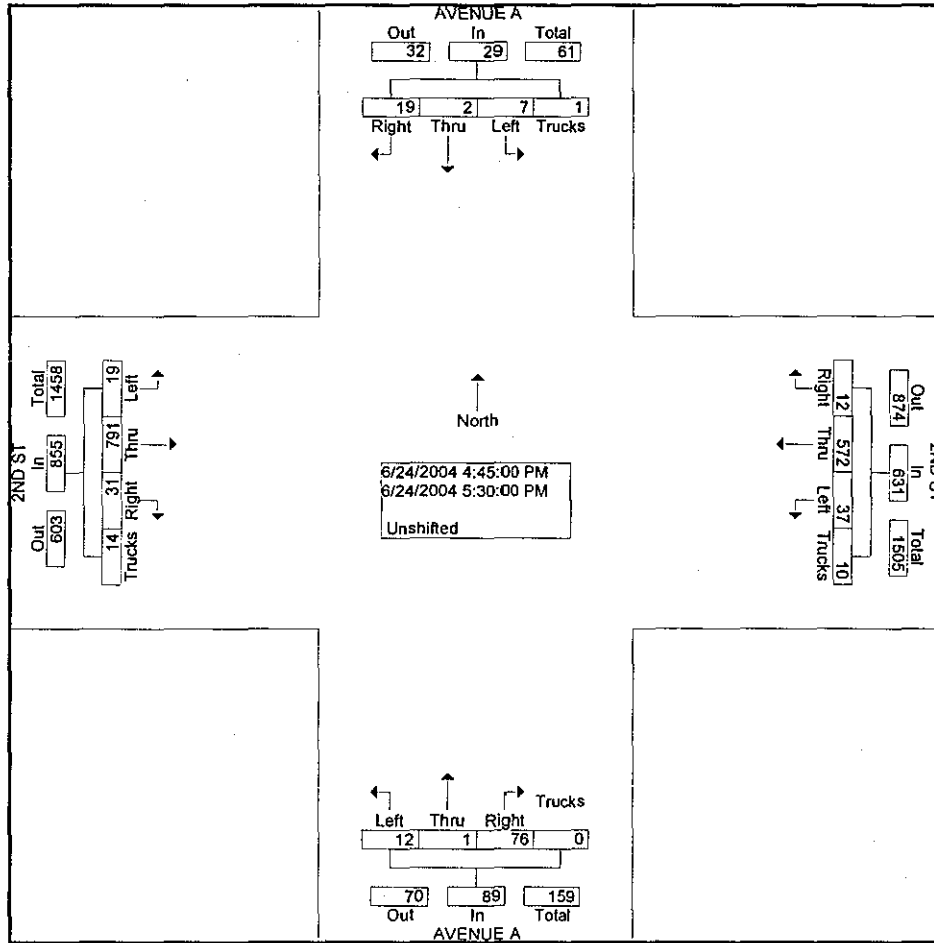
Start Time	AVENUE A Southbound				2ND ST Westbound				AVENUE A Northbound				2ND ST Eastbound				Int. Total
	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
04:00 PM	1	2	3	0	14	148	5	3	1	2	17	0	8	182	6	2	
04:15 PM	1	1	5	0	14	128	4	4	4	0	13	0	8	157	9	5	
04:30 PM	4	2	8	0	11	130	7	2	5	1	16	1	4	179	10	1	
04:45 PM	1	1	3	0	11	156	2	5	2	0	20	0	6	187	13	2	
Total	7	6	19	0	50	562	18	14	12	3	66	1	26	705	38	10	
05:00 PM	2	1	4	0	8	147	2	2	5	1	25	0	2	217	9	6	
05:15 PM	1	0	5	1	7	135	4	1	1	0	12	0	5	198	5	4	
05:30 PM	3	0	7	0	11	134	4	2	4	0	19	0	6	189	4	2	
05:45 PM	1	2	7	0	6	135	5	3	4	2	7	0	5	210	6	1	
Total	7	3	23	1	32	551	15	8	14	3	63	0	18	814	24	13	
Grand Total	14	9	42	1	82	1113	33	22	26	6	129	1	44	1519	62	23	
Apprch %	21.2	13.6	63.6	1.5	6.6	89.0	2.6	1.8	16.0	3.7	79.6	0.6	2.7	92.2	3.8	1.4	
Total %	0.4	0.3	1.3	0.0	2.6	35.6	1.1	0.7	0.8	0.2	4.1	0.0	1.4	48.6	2.0	0.7	



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Start Time	AVENUE A Southbound					2ND ST Westbound					AVENUE A Northbound					2ND ST Eastbound					Int. Total
	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Intersection 04:45 PM																					
Volume	7	2	19	1	29	37	572	12	10	631	12	1	76	0	89	19	791	31	14	855	1604
Percent	24.1	6.9	65.5	3.4		5.9	90.6	1.9	1.6		13.5	1.1	85.4	0.0		2.2	92.5	3.6	1.6		
05:00 Volume	2	1	4	0	7	8	147	2	2	159	5	1	25	0	31	2	217	9	6	234	431
Peak Factor																					
High Int. 05:30 PM																					
Volume	3	0	7	0	10	11	156	2	5	174	5	1	25	0	31	2	217	9	6	234	0.930
Peak Factor																					
						0.907					0.718					0.913					

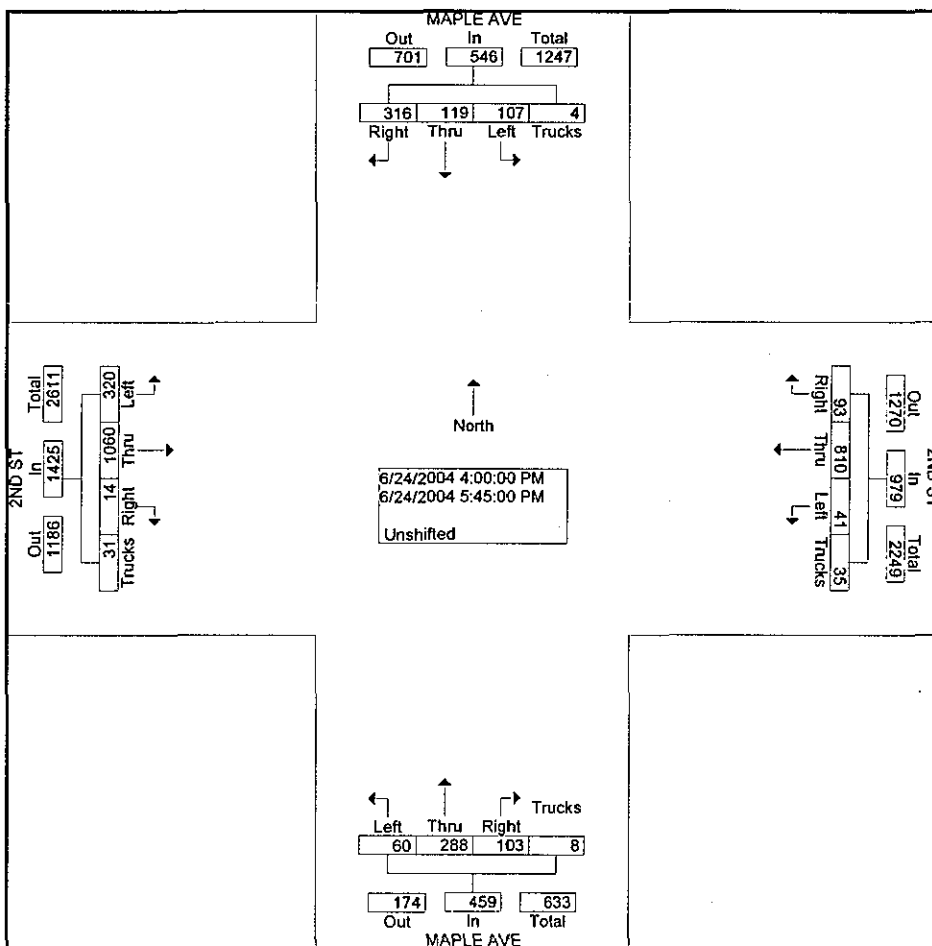


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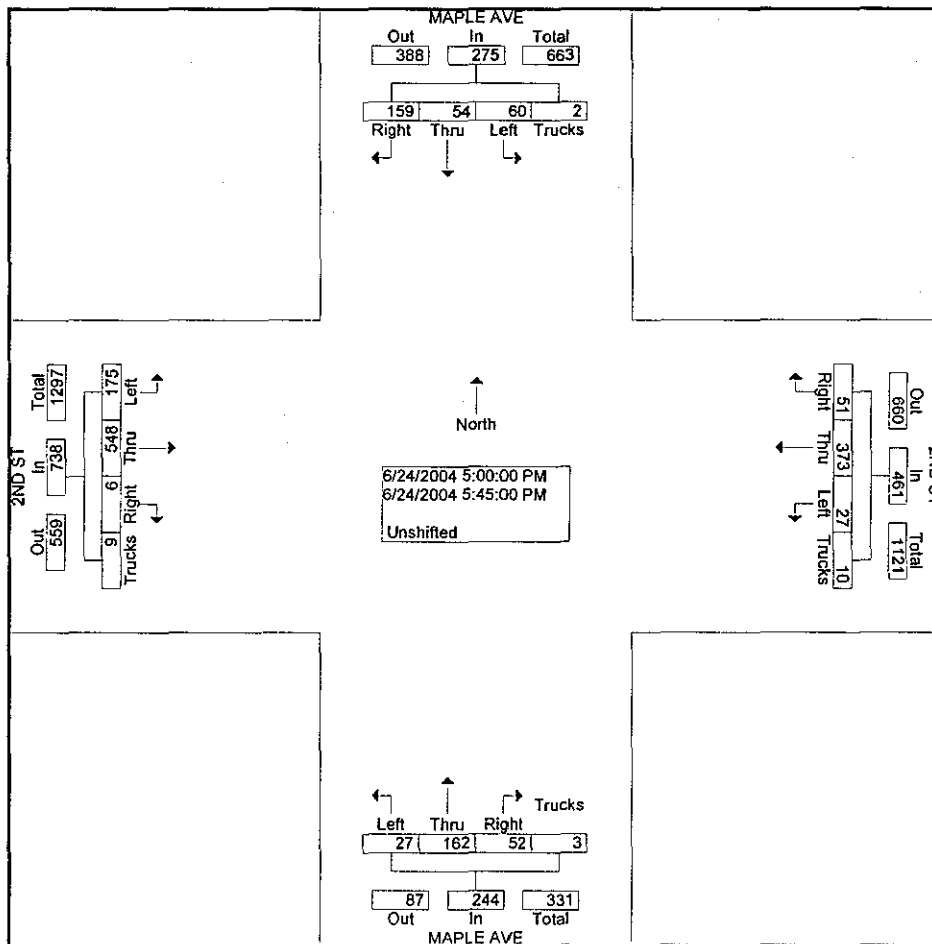
Start Time	MAPLE AVE Southbound				2ND ST Westbound				MAPLE AVE Northbound				2ND ST Eastbound				Int. Total
	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
04:00 PM	12	17	28	0	1	117	8	5	10	39	16	3	28	150	1	7	442
04:15 PM	12	15	37	0	2	107	15	11	9	28	12	0	32	117	3	5	405
04:30 PM	16	18	45	2	3	107	14	4	6	32	11	2	43	121	2	4	430
04:45 PM	7	15	47	0	8	106	5	5	8	27	12	0	42	124	2	6	414
Total	47	65	157	2	14	437	42	25	33	126	51	5	145	512	8	22	1691
05:00 PM	16	14	33	1	4	111	9	3	6	48	15	1	39	149	5	3	457
05:15 PM	19	17	45	0	8	75	23	3	4	34	10	1	44	124	0	4	411
05:30 PM	9	5	42	1	8	104	6	3	4	42	16	1	53	138	1	1	434
05:45 PM	16	18	39	0	7	83	13	1	13	38	11	0	39	137	0	1	416
Total	60	54	159	2	27	373	51	10	27	162	52	3	175	548	6	9	1718
Grand Total	107	119	316	4	41	810	93	35	60	288	103	8	320	1060	14	31	3409
Apprch %	19.6	21.8	57.9	0.7	4.2	82.7	9.5	3.6	13.1	62.7	22.4	1.7	22.5	74.4	1.0	2.2	
Total %	3.1	3.5	9.3	0.1	1.2	23.8	2.7	1.0	1.8	8.4	3.0	0.2	9.4	31.1	0.4	0.9	



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Start Time	MAPLE AVE Southbound					2ND ST Westbound					MAPLE AVE Northbound					2ND ST Eastbound					Int. Total
	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Intersection 05:00 PM	60	54	159	2	275	27	373	51	10	461	27	162	52	3	244	175	548	6	9	738	1718
Volume Percent	21.8	19.6	57.8	0.7		5.9	80.9	11.1	2.2		11.1	66.4	21.3	1.2		23.7	74.3	0.8	1.2		
05:00 Volume	16	14	33	1	64	4	111	9	3	127	6	48	15	1	70	39	149	5	3	196	457
Peak Factor																					
High Int. 05:15 PM	19	17	45	0	81	4	111	9	3	127	6	48	15	1	70	39	149	5	3	196	0.940
Volume																					
Peak Factor	0.849					0.907					0.871					0.941					

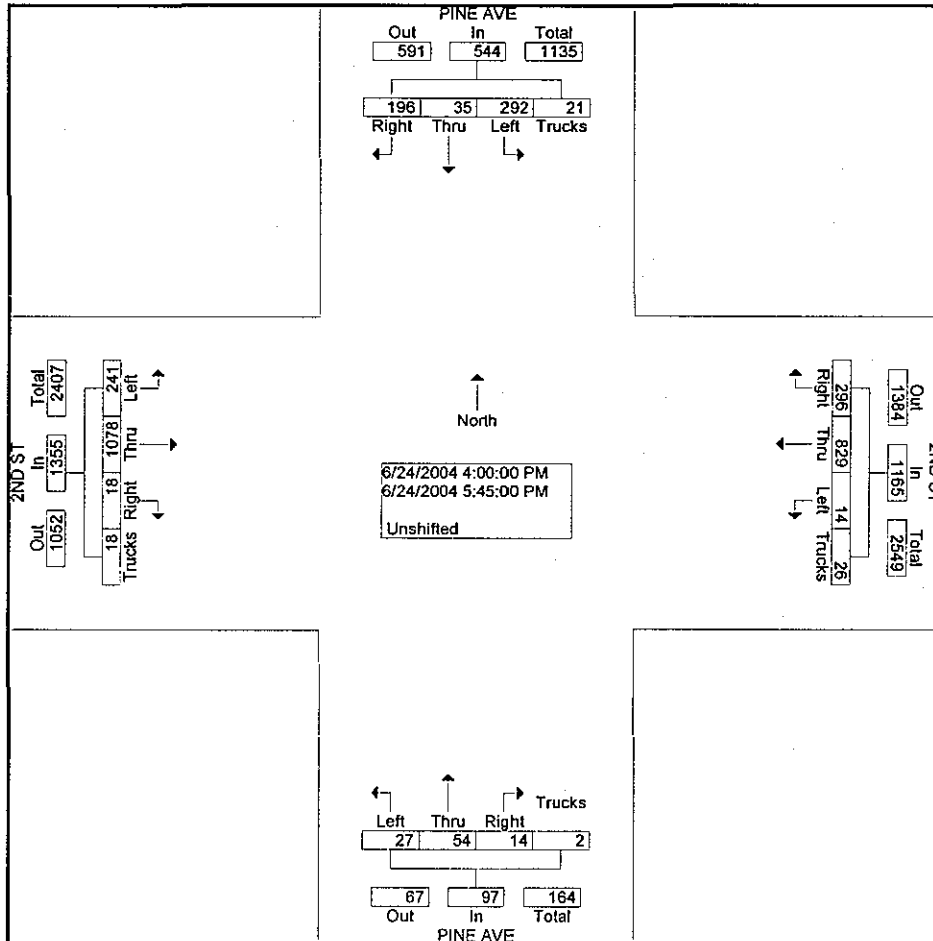


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File Name : PineAve&2ndStPM
 Site Code : 00000000
 Start Date : 6/24/2004
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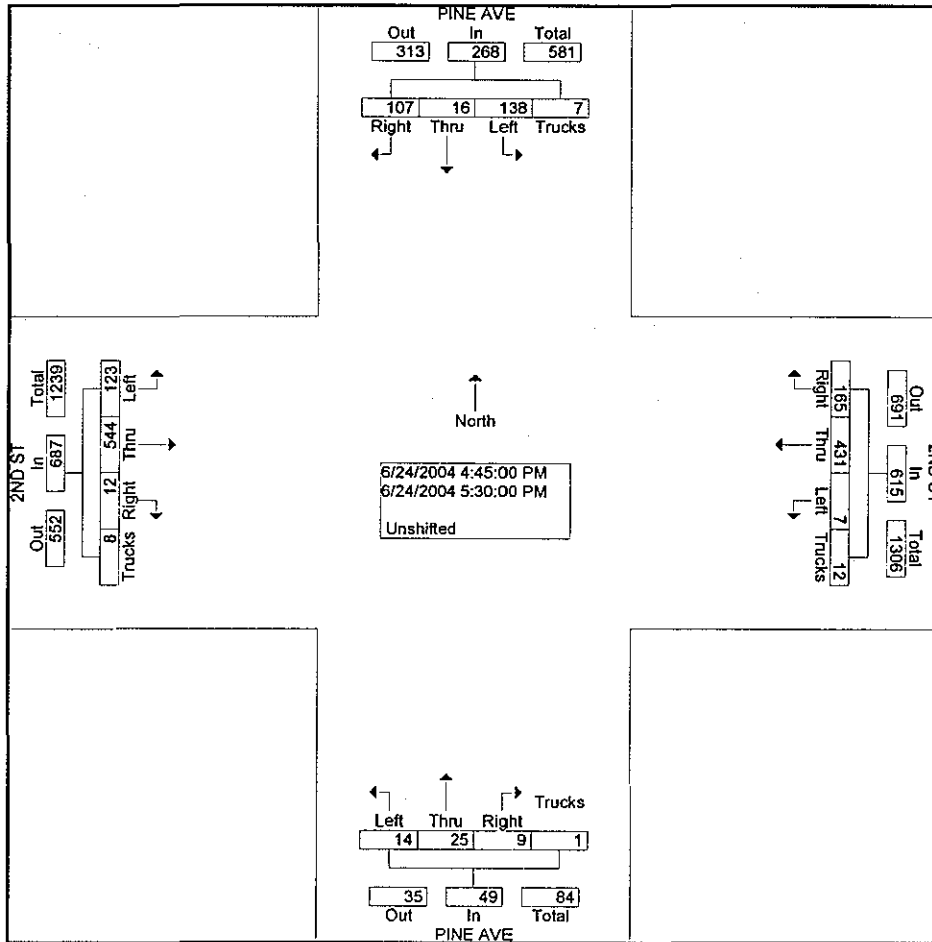
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	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
04:00 PM	42	8	27	4	1	98	30	6	5	10	2	1	29	130	1	2	396
04:15 PM	37	4	22	3	2	106	36	2	2	5	0	0	34	127	1	3	384
04:30 PM	41	2	19	5	1	114	31	4	1	3	1	0	21	135	3	2	383
04:45 PM	42	1	21	1	1	127	40	4	4	3	2	0	26	124	1	4	401
Total	162	15	89	13	5	445	137	16	12	21	5	1	110	516	6	11	1564
05:00 PM	32	0	26	5	1	96	34	2	4	11	4	1	32	131	1	3	383
05:15 PM	29	7	32	1	4	105	45	2	0	4	3	0	39	140	5	1	417
05:30 PM	35	8	28	0	1	103	46	4	6	7	0	0	26	149	5	0	418
05:45 PM	34	5	21	2	3	80	34	2	5	11	2	0	34	142	1	3	379
Total	130	20	107	8	9	384	159	10	15	33	9	1	131	562	12	7	1597
Grand Total	292	35	196	21	14	829	296	26	27	54	14	2	241	1078	18	18	3161
Apprch %	53.7	6.4	36.0	3.9	1.2	71.2	25.4	2.2	27.8	55.7	14.4	2.1	17.8	79.6	1.3	1.3	
Total %	9.2	1.1	6.2	0.7	0.4	26.2	9.4	0.8	0.9	1.7	0.4	0.1	7.6	34.1	0.6	0.6	



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File Name : PineAve&2ndStPM
 Site Code : 00000000
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Start Time	PINE AVE Southbound					2ND ST Westbound					PINE AVE Northbound					2ND ST Eastbound					Int. Total					
	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total						
Peak Hour From	04:00 PM to 05:45 PM - Peak 1 of 1																									
Intersection	04:45 PM																									
Volume	138	16	107	7	268	7	431	165	12	615	14	25	9	1	49	123	544	12	8	687	1619					
Percent	51.5	6.0	39.9	2.6		1.1	70.1	26.8	2.0		28.6	51.0	18.4	2.0		17.9	79.2	1.7	1.2							
05:30 Volume	35	8	28	0	71	1	103	46	4	154	6	7	0	0	13	26	149	5	0	180	418					
Peak Factor	0.968																									
High Int.	05:30 PM																									
Volume	35	8	28	0	71	04:45 PM					05:00 PM					05:15 PM										
Peak Factor	0.944										0.894					0.613					0.928					

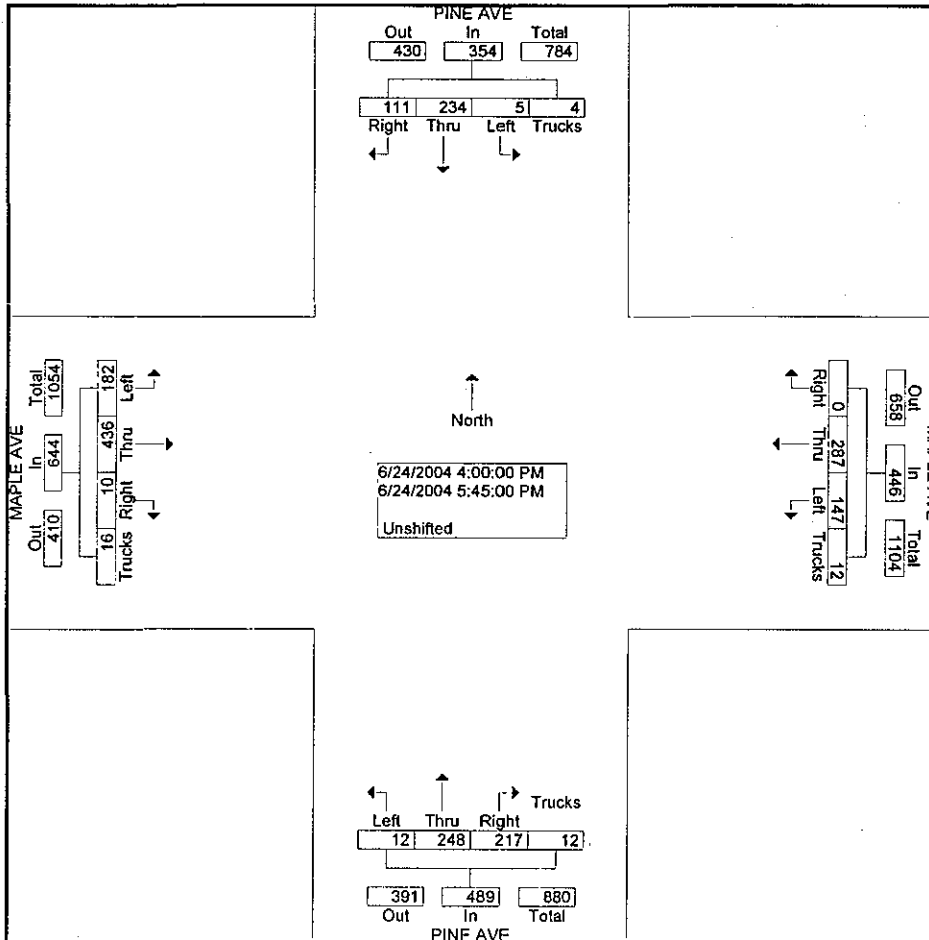


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File Name : MapleAve&PineAvePM
 Site Code : 00000000
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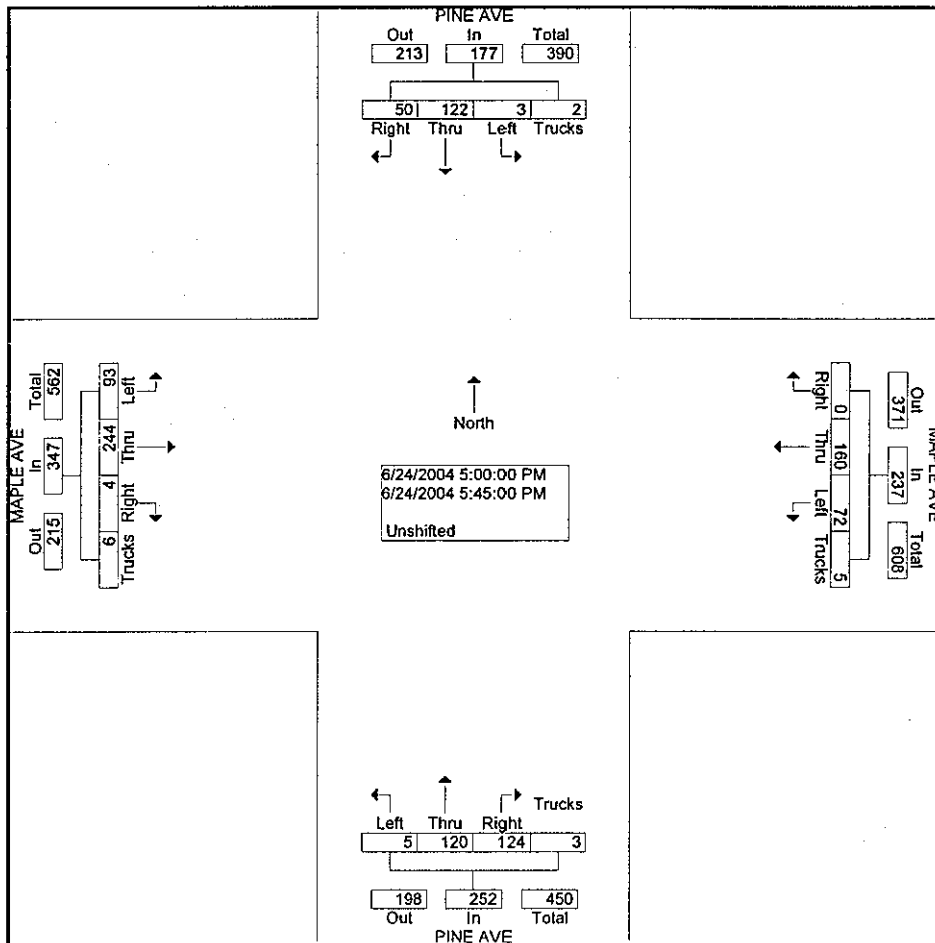
Start Time	PINE AVE Southbound				MAPLE AVE Westbound				PINE AVE Northbound				MAPLE AVE Eastbound				Int. Total
	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
04:00 PM	0	33	12	2	12	28	0	3	0	33	23	1	24	46	1	6	224
04:15 PM	1	31	15	0	19	23	0	2	2	24	23	2	25	41	1	1	210
04:30 PM	0	26	15	0	23	36	0	1	3	29	24	5	20	47	1	1	231
04:45 PM	1	22	19	0	21	40	0	1	2	42	23	1	20	58	3	2	255
Total	2	112	61	2	75	127	0	7	7	128	93	9	89	192	6	10	920
05:00 PM	0	39	7	2	19	38	0	1	0	21	23	0	33	55	1	0	239
05:15 PM	0	21	18	0	12	39	0	1	1	24	37	1	20	68	1	2	245
05:30 PM	2	35	13	0	17	41	0	3	1	39	29	1	18	69	1	3	272
05:45 PM	1	27	12	0	24	42	0	0	3	36	35	1	22	52	1	1	257
Total	3	122	50	2	72	160	0	5	5	120	124	3	93	244	4	6	1013
Grand Total	5	234	111	4	147	287	0	12	12	248	217	12	182	436	10	16	1933
Apprch %	1.4	66.1	31.4	1.1	33.0	64.3	0.0	2.7	2.5	50.7	44.4	2.5	28.3	67.7	1.6	2.5	
Total %	0.3	12.1	5.7	0.2	7.6	14.8	0.0	0.6	0.6	12.8	11.2	0.6	9.4	22.6	0.5	0.8	



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Start Time	PINE AVE Southbound					MAPLE AVE Westbound					PINE AVE Northbound					MAPLE AVE Eastbound					Int. Total
	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Intersection	05:00 PM																				
Volume	3	122	50	2	177	72	160	0	5	237	5	120	124	3	252	93	244	4	6	347	1013
Percent	1.7	68.9	28.2	1.1		30.4	67.5	0.0	2.1		2.0	47.6	49.2	1.2		26.8	70.3	1.2	1.7		
05:30 Volume	2	35	13	0	50	17	41	0	3	61	1	39	29	1	70	18	69	1	3	91	272
Peak Factor																					0.931
High Int.	05:30 PM					05:45 PM					05:45 PM					05:15 PM					
Volume	2	35	13	0	50	24	42	0	0	66	3	36	35	1	75	20	68	1	2	91	
Peak Factor	0.885										0.898					0.840					0.953

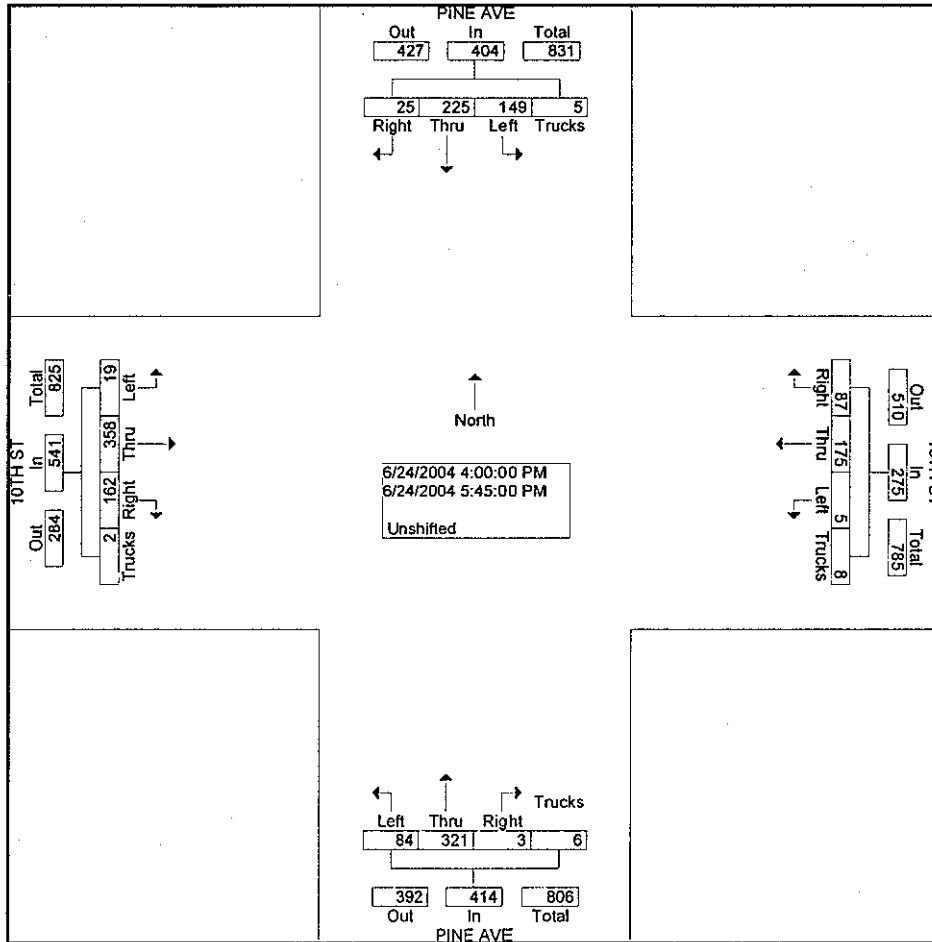


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File Name : 10thSt&PineAvePM
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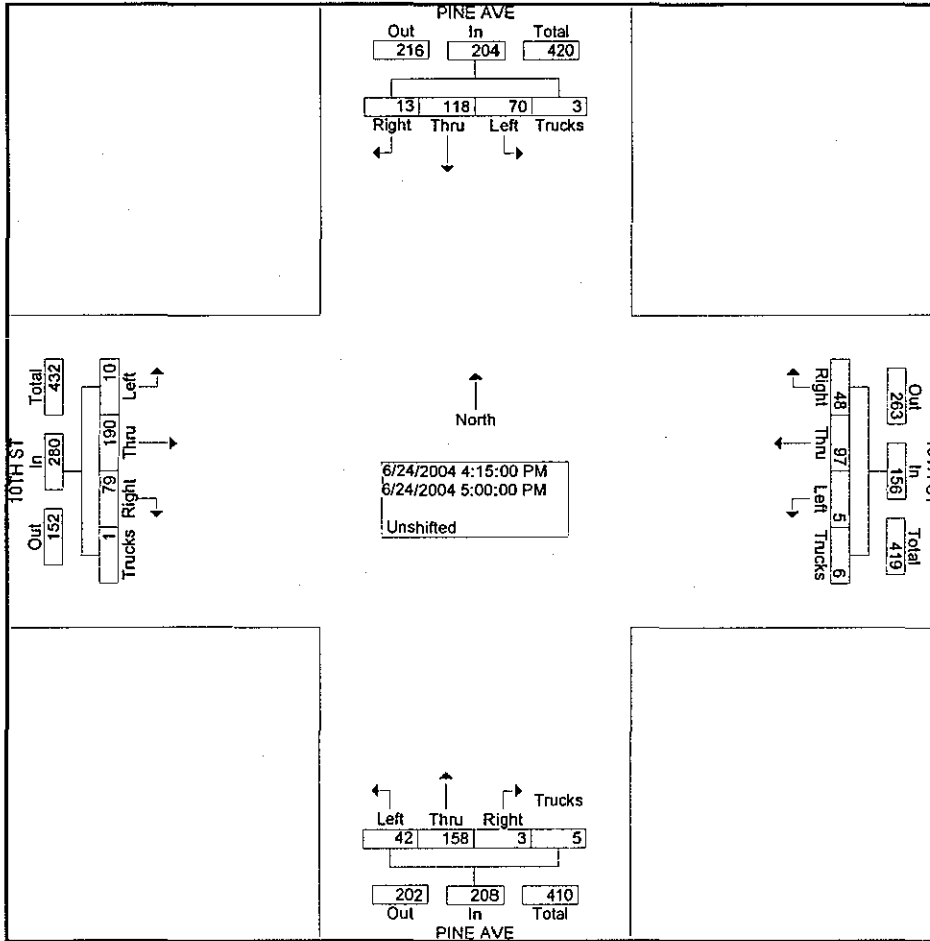
Start Time	PINE AVE Southbound				10TH ST Westbound				PINE AVE Northbound				10TH ST Eastbound				Int. Total
	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
04:00 PM	16	25	1	1	0	17	11	0	11	43	0	0	3	45	18	1	192
04:15 PM	20	33	1	1	0	22	10	1	10	39	0	2	2	30	22	0	193
04:30 PM	14	26	2	1	1	22	8	0	11	32	2	2	2	63	16	0	202
04:45 PM	15	30	6	0	3	25	20	3	10	49	1	1	3	39	19	0	224
Total	65	114	10	3	4	86	49	4	42	163	3	5	10	177	75	1	811
05:00 PM	21	29	4	1	1	28	10	2	11	38	0	0	3	58	22	1	229
05:15 PM	29	27	4	0	0	18	9	0	5	36	0	1	1	35	17	0	182
05:30 PM	16	29	4	0	0	23	9	1	14	44	0	0	3	46	22	0	211
05:45 PM	18	26	3	1	0	20	10	1	12	40	0	0	2	42	26	0	201
Total	84	111	15	2	1	89	38	4	42	158	0	1	9	181	87	1	823
Grand Total	149	225	25	5	5	175	87	8	84	321	3	6	19	358	162	2	1634
Apprch %	36.9	55.7	6.2	1.2	1.8	63.6	31.6	2.9	20.3	77.5	0.7	1.4	3.5	66.2	29.9	0.4	
Total %	9.1	13.8	1.5	0.3	0.3	10.7	5.3	0.5	5.1	19.6	0.2	0.4	1.2	21.9	9.9	0.1	



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Start Time	PINE AVE Southbound					10TH ST Westbound					PINE AVE Northbound					10TH ST Eastbound					Inl. Total
	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Intersection	04:15 PM																				
Volume	70	118	13	3	204	5	97	48	6	156	42	158	3	5	208	10	190	79	1	280	848
Percent	34.3	57.8	6.4	1.5		3.2	62.2	30.8	3.8		20.2	76.0	1.4	2.4		3.6	67.9	28.2	0.4		
05:00 Volume	21	29	4	1	55	1	28	10	2	41	11	38	0	0	49	3	58	22	1	84	229
Peak Factor																					0.926
High Int.	04:15 PM					04:45 PM					04:45 PM					05:00 PM					
Volume	20	33	1	1	55	3	25	20	3	51	10	49	1	1	61	3	58	22	1	84	
Peak Factor	0.927										0.765					0.852					0.833

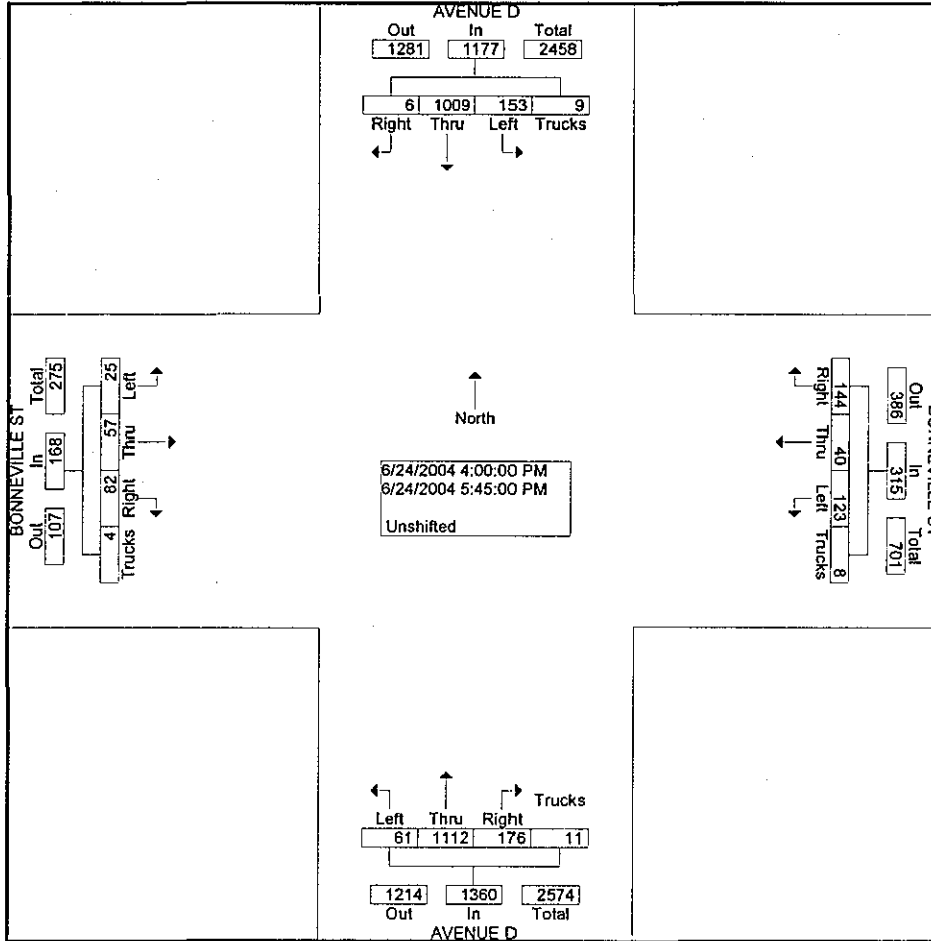


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File Name : BonnevilleSt&AveDPM
 Site Code : 00000000
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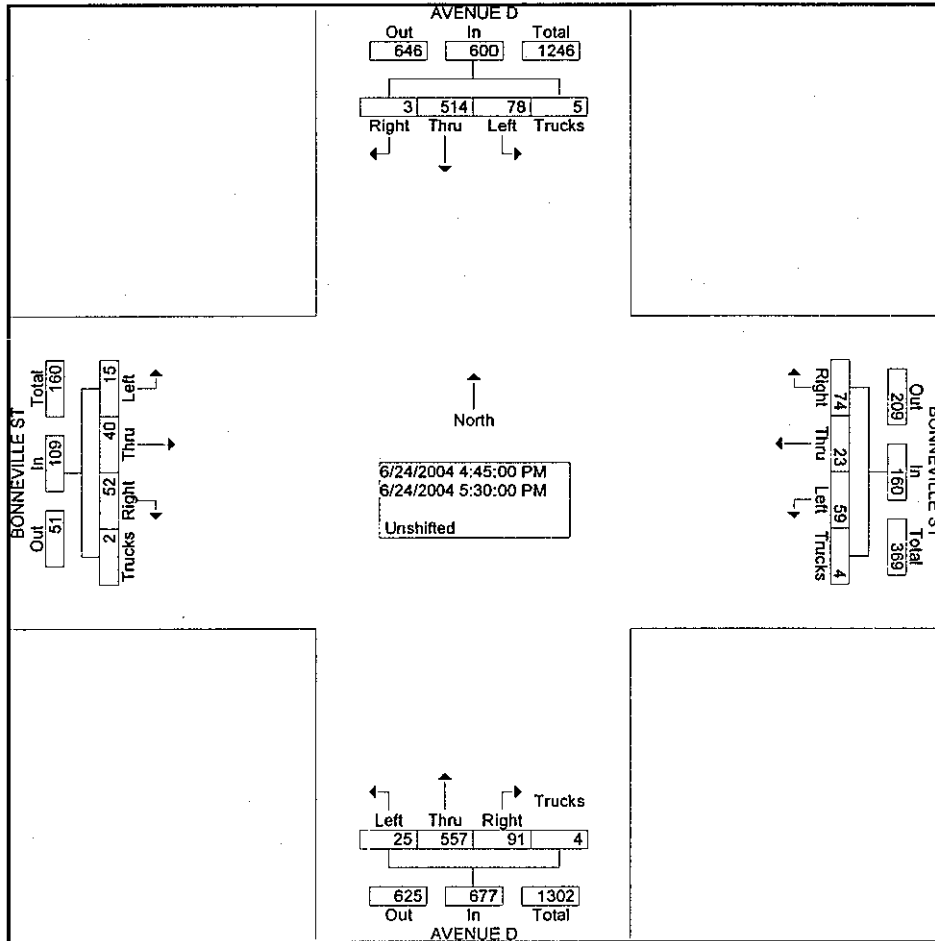
Start Time	AVENUE D Southbound				BONNEVILLE ST Westbound				AVENUE D Northbound				BONNEVILLE ST Eastbound				Int. Total
	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
04:00 PM	17	131	1	0	12	7	15	2	4	157	21	1	2	5	7	0	
04:15 PM	17	112	1	0	20	1	22	0	6	148	22	1	2	5	13	1	
04:30 PM	24	131	0	2	14	1	18	2	16	124	27	3	2	5	6	1	
04:45 PM	15	133	1	0	17	5	21	1	5	138	19	3	3	7	8	0	
Total	73	507	3	2	63	14	76	5	31	567	89	8	9	22	34	2	
05:00 PM	24	134	1	2	9	5	20	1	7	142	15	0	7	22	22	2	
05:15 PM	18	119	1	1	10	6	14	2	8	148	29	0	3	5	11	0	
05:30 PM	21	128	0	2	23	7	19	0	5	129	28	1	2	6	11	0	
05:45 PM	17	121	1	2	18	8	15	0	10	126	15	2	4	2	4	0	
Total	80	502	3	7	60	26	68	3	30	545	87	3	16	35	48	2	
Grand Total	153	1009	6	9	123	40	144	8	61	1112	176	11	25	57	82	4	
Apprch %	13.0	85.7	0.5	0.8	39.0	12.7	45.7	2.5	4.5	81.8	12.9	0.8	14.9	33.9	48.8	2.4	
Total %	5.1	33.4	0.2	0.3	4.1	1.3	4.8	0.3	2.0	36.8	5.8	0.4	0.8	1.9	2.7	0.1	



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Start Time	AVENUE D Southbound					BONNEVILLE ST Westbound					AVENUE D Northbound					BONNEVILLE ST Eastbound					Int. Total
	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Intersection	04:45 PM																				
Volume	78	514	3	5	600	59	23	74	4	160	25	557	91	4	677	15	40	52	2	109	1546
Percent	13.0	85.7	0.5	0.8		36.9	14.4	46.3	2.5		3.7	82.3	13.4	0.6		13.8	36.7	47.7	1.8		
05:00 Volume	24	134	1	2	161	9	5	20	1	35	7	142	15	0	164	7	22	22	2	53	413
Peak Factor																					
High Int. Volume	05:00 PM					05:30 PM					05:15 PM					05:00 PM					0.936
Peak Factor	24	134	1	2	161	23	7	19	0	49	8	148	29	0	185	7	22	22	2	53	0.514
						0.932					0.816					0.915					

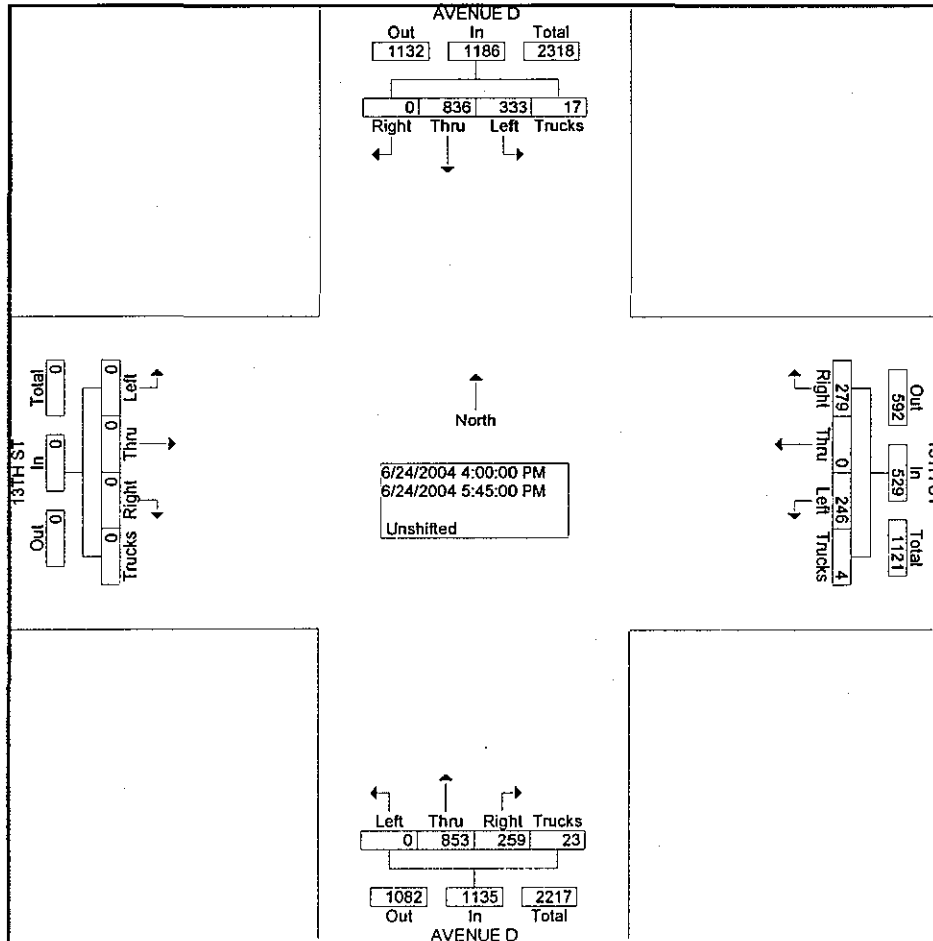


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File Name : 13thSt&AveDPM
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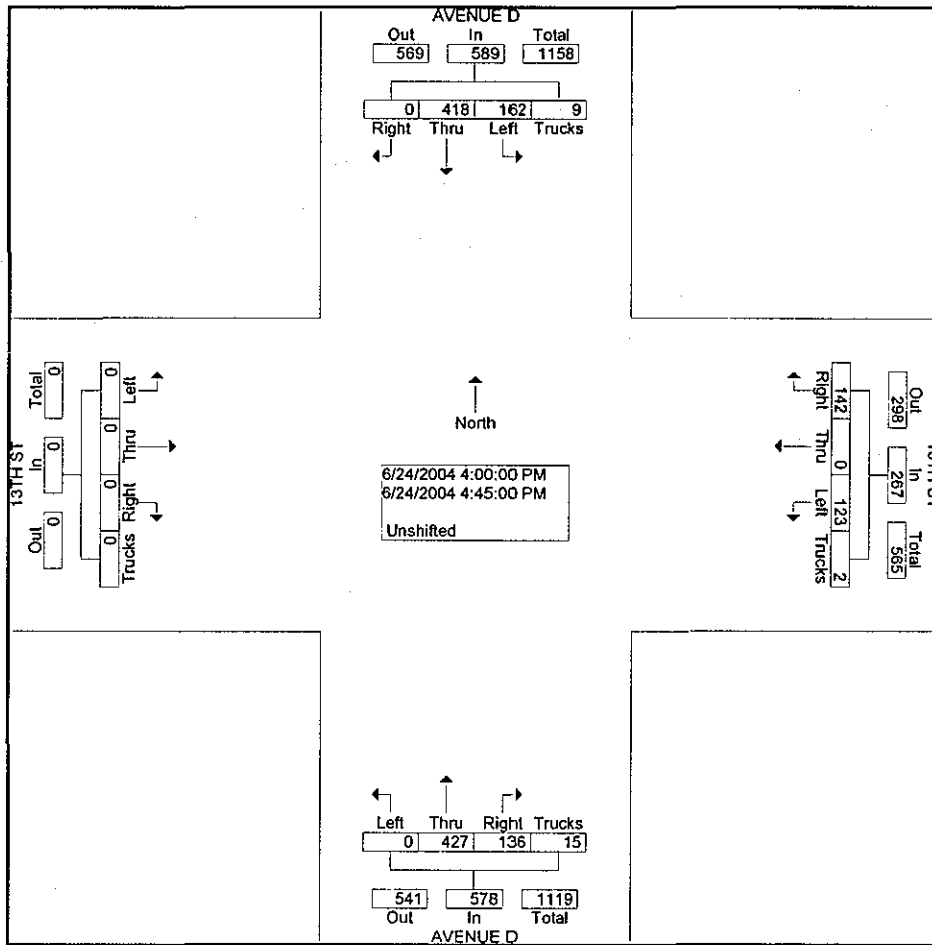
Start Time	AVENUE D Southbound				13TH ST Westbound				AVENUE D Northbound				13TH ST Eastbound				Int. Total
	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
04:00 PM	38	106	0	2	31	0	32	1	0	106	37	5	0	0	0	0	358
04:15 PM	43	90	0	2	32	0	40	0	0	122	32	4	0	0	0	0	365
04:30 PM	42	121	0	4	27	0	35	1	0	93	38	3	0	0	0	0	364
04:45 PM	39	101	0	1	33	0	35	0	0	106	29	3	0	0	0	0	347
Total	162	418	0	9	123	0	142	2	0	427	136	15	0	0	0	0	1434
05:00 PM	40	90	0	1	37	0	33	0	0	115	24	2	0	0	0	0	342
05:15 PM	46	108	0	2	24	0	26	0	0	110	37	2	0	0	0	0	355
05:30 PM	41	109	0	3	31	0	34	1	0	97	32	2	0	0	0	0	350
05:45 PM	44	111	0	2	31	0	44	1	0	104	30	2	0	0	0	0	369
Total	171	418	0	8	123	0	137	2	0	426	123	8	0	0	0	0	1416
Grand Total	333	836	0	17	246	0	279	4	0	853	259	23	0	0	0	0	2850
Approch %	28.1	70.5	0.0	1.4	46.5	0.0	52.7	0.8	0.0	75.2	22.8	2.0	0.0	0.0	0.0	0.0	
Total %	11.7	29.3	0.0	0.6	8.6	0.0	9.8	0.1	0.0	29.9	9.1	0.8	0.0	0.0	0.0	0.0	



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Start Time	AVENUE D Southbound					13TH ST Westbound					AVENUE D Northbound					13TH ST Eastbound					Int. Total
	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Intersection 04:00 PM																					
Volume	162	418	0	9	589	123	0	142	2	267	0	427	136	15	578	0	0	0	0	0	1434
Percent	27.5	71.0	0.0	1.5		46.1	0.0	53.2	0.7		0.0	73.9	23.5	2.6		0.0	0.0	0.0	0.0		
04:15 Volume	43	90	0	2	135	32	0	40	0	72	0	122	32	4	158	0	0	0	0	0	365
Peak Factor																					
High Int. 04:30 PM																					
Volume	42	121	0	4	167	32	0	40	0	72	0	122	32	4	158	3:45:00 PM					0.982
Peak Factor	0.882					0.927					0.915										

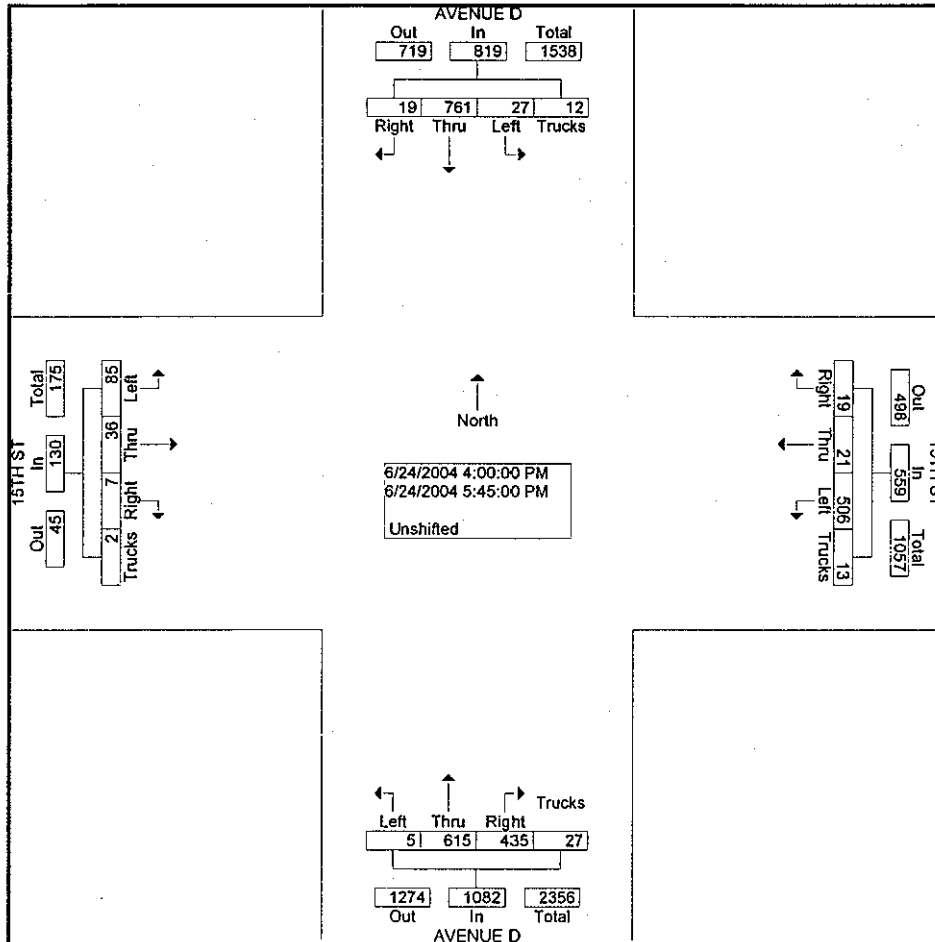


All Traffic Data Services Inc.
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File Name : 15thSt&AveDPM
 Site Code : 00000000
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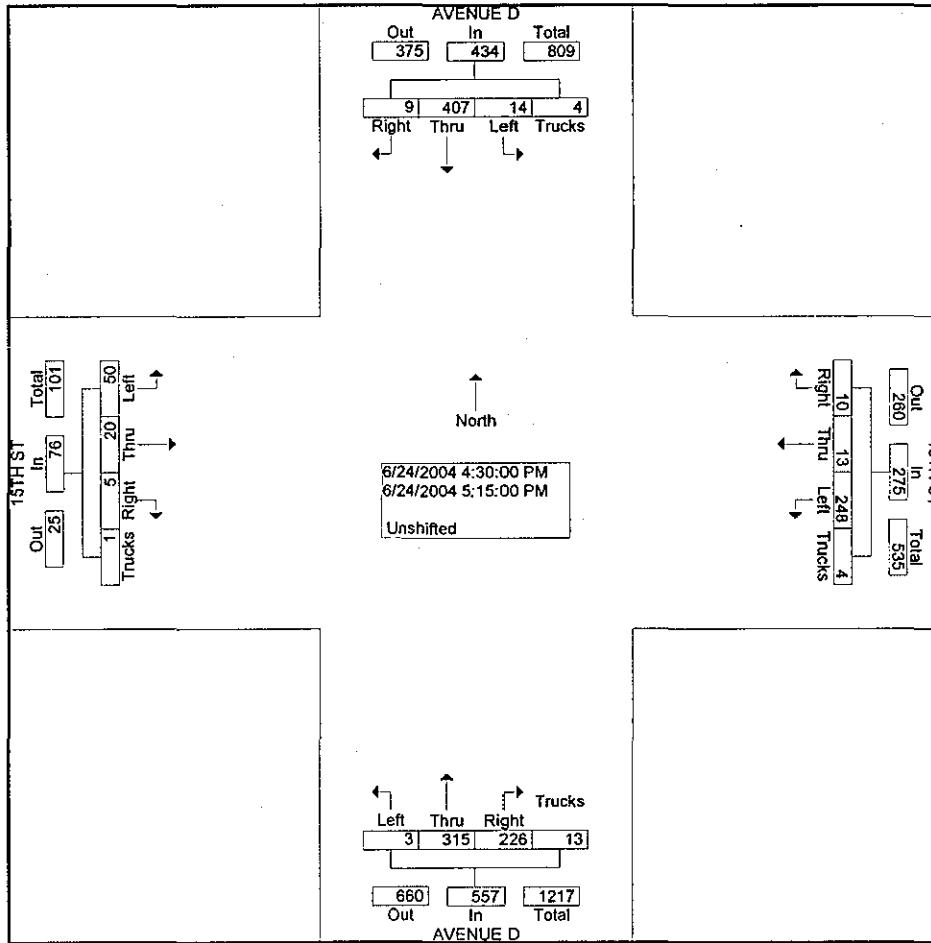
Start Time	AVENUE D Southbound				15TH ST Westbound				AVENUE D Northbound				15TH ST Eastbound				Int. Total
	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
04:00 PM	3	100	5	3	59	3	4	1	0	76	32	1	10	3	1	0	301
04:15 PM	3	75	4	2	65	1	4	3	1	86	58	5	6	3	0	0	316
04:30 PM	3	110	2	1	72	2	2	1	2	81	48	5	13	1	1	1	345
04:45 PM	2	105	3	1	74	4	4	2	0	73	62	3	15	7	1	0	356
Total	11	390	14	7	270	10	14	7	3	316	200	14	44	14	3	1	1318
05:00 PM	6	82	3	0	53	3	2	1	0	82	63	2	15	6	1	0	319
05:15 PM	3	110	1	2	49	4	2	0	1	79	53	3	7	6	2	0	322
05:30 PM	3	88	0	2	66	1	0	3	0	67	58	5	8	6	0	1	308
05:45 PM	4	91	1	1	68	3	1	2	1	71	61	3	11	4	1	0	323
Total	16	371	5	5	236	11	5	6	2	299	235	13	41	22	4	1	1272
Grand Total	27	761	19	12	506	21	19	13	5	615	435	27	85	36	7	2	2590
Apprch %	3.3	92.9	2.3	1.5	90.5	3.8	3.4	2.3	0.5	56.8	40.2	2.5	65.4	27.7	5.4	1.5	
Total %	1.0	29.4	0.7	0.5	19.5	0.8	0.7	0.5	0.2	23.7	16.8	1.0	3.3	1.4	0.3	0.1	



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Start Time	AVENUE D Southbound					15TH ST Westbound					AVENUE D Northbound					15TH ST Eastbound					Int. Total
	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	
Peak Hour From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Intersection 04:30 PM																					
Volume	14	407	9	4	434	248	13	10	4	275	3	315	226	13	557	50	20	5	1	76	1342
Percent	3.2	93.8	2.1	0.9		90.2	4.7	3.6	1.5		0.5	56.6	40.6	2.3		65.8	26.3	6.6	1.3		
04:45																					
Volume	2	105	3	1	111	74	4	4	2	84	0	73	62	3	138	15	7	1	0	23	356
Peak Factor																					
High Int. 04:30 PM																					
Volume	3	110	2	1	116	74	4	4	2	84	0	82	63	2	147	15	7	1	0	23	0.942
Peak Factor	0.935					0.818					0.947					0.826					

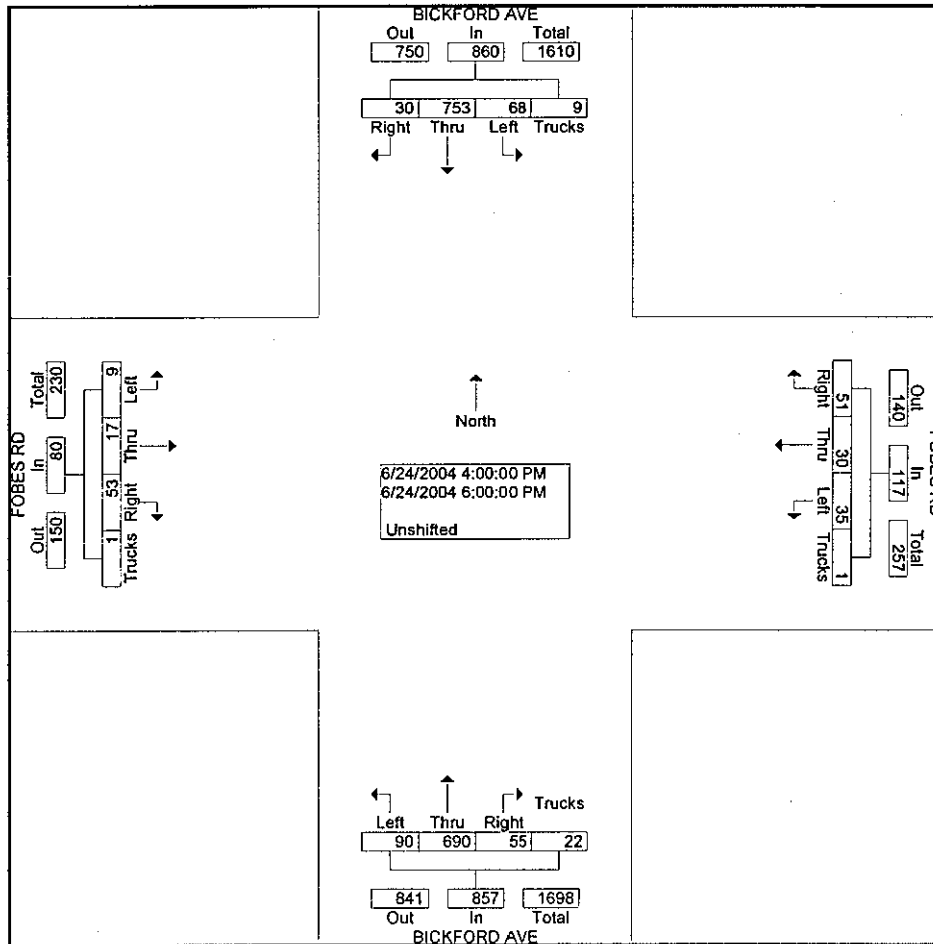


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File Name : BickfordAve&FobesRdPM
 Site Code : 00000000
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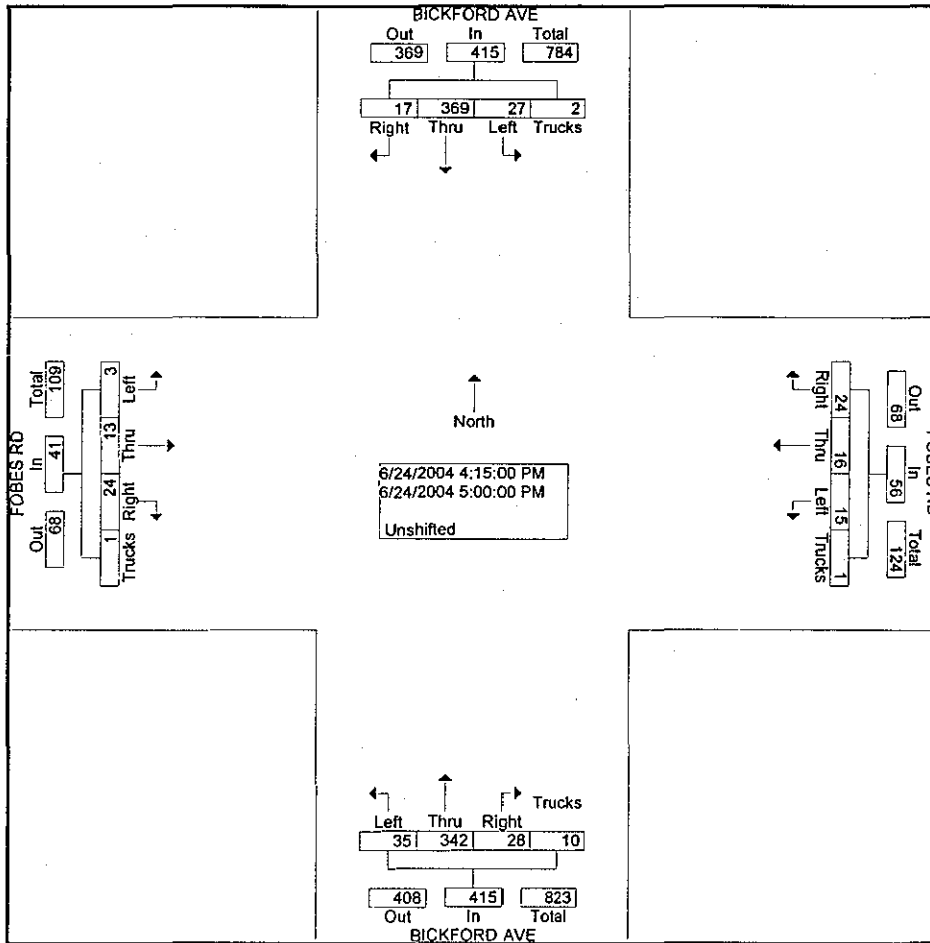
Start Time	BICKFORD AVE Southbound				FOBES RD Westbound				BICKFORD AVE Northbound				FOBES RD Eastbound				Int. Total
	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	Left	Thru	Right	Trucks	
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
04:00 PM	9	57	6	2	1	2	11	0	13	65	6	2	1	0	2	0	177
04:15 PM	5	110	7	0	2	3	5	0	3	83	11	4	0	2	4	0	239
04:30 PM	9	87	3	1	9	5	6	0	10	90	5	3	0	3	8	1	240
04:45 PM	11	87	6	0	0	3	7	0	7	91	6	1	2	5	4	0	230
Total	34	341	22	3	12	13	29	0	33	329	28	10	3	10	18	1	886
05:00 PM	2	85	1	1	4	5	6	1	15	78	6	2	1	3	8	0	218
05:15 PM	8	91	2	2	6	3	3	0	9	74	6	3	1	1	7	0	216
05:30 PM	9	79	2	0	7	3	3	0	8	70	4	5	2	1	7	0	200
05:45 PM	8	87	1	1	2	4	7	0	15	70	4	0	0	1	7	0	207
Total	27	342	6	4	19	15	19	1	47	292	20	10	4	6	29	0	841
06:00 PM	7	70	2	2	4	2	3	0	10	69	7	2	2	1	6	0	187
Grand Total	68	753	30	9	35	30	51	1	90	690	55	22	9	17	53	1	1914
Approch %	7.9	87.6	3.5	1.0	29.9	25.8	43.8	0.9	10.5	80.5	6.4	2.6	11.3	21.3	66.3	1.3	
Total %	3.6	39.3	1.6	0.5	1.8	1.6	2.7	0.1	4.7	36.1	2.9	1.1	0.5	0.9	2.8	0.1	



All Traffic Data Services Inc.
 1800 NE 40th Ave J-1
 Renton, WA 98056
 Ph. 206-251-0300

File Name : BickfordAve&FobesRdPM
 Site Code : 00000000
 Start Date : 6/24/2004
 Page No : 2

Start Time	BICKFORD AVE Southbound					FOBES RD Westbound					BICKFORD AVE Northbound					FOBES RD Eastbound					Int. Total
	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	Left	Thru	Right	Truc ks	App. Total	
Peak Hour From 04:00 PM to 06:00 PM - Peak 1 of 1																					
Intersection	04:15 PM																				
Volume	27	369	17	2	415	15	16	24	1	56	35	342	28	10	415	3	13	24	1	41	927
Percent	6.5	88.9	4.1	0.5		26.8	28.6	42.9	1.8		8.4	82.4	6.7	2.4		7.3	31.7	58.5	2.4		
04:30 Volume	9	87	3	1	100	9	5	6	0	20	10	90	5	3	108	0	3	8	1	12	240
Peak Factor	0.966																				
High Int. Volume	04:15 PM																				
Peak Factor	5	110	7	0	122	9	5	6	0	20	10	90	5	3	108	0	3	8	1	12	12
	0.850					0.700					0.961					0.854					



Start Time	29-Jul-04 Thu	NB	SB	Total
12:00 AM		26	18	44
01:00		12	8	20
02:00		11	12	23
03:00		6	14	20
04:00		20	28	48
05:00		38	120	158
06:00		83	343	426
07:00		85	342	427
08:00		98	270	368
09:00		126	198	324
10:00		164	210	374
11:00		160	226	386
12:00 PM		222	236	458
01:00		222	235	457
02:00		220	224	444
03:00		380	237	617
04:00		410	287	697
05:00		469	262	731
06:00		372	234	606
07:00		248	185	433
08:00		210	156	366
09:00		190	134	324
10:00		90	64	154
11:00		54	45	99
Total		3916	4088	8004
Percent		48.9%	51.1%	
AM Peak		10:00	06:00	07:00
Vol.		164	343	427
PM Peak		17:00	16:00	17:00
Vol.		469	287	731
Grand Total		3916	4088	8004
Percent		48.9%	51.1%	
ADT	ADT 7,995		AADT 7,995	

All Traffic Data Services Inc.
 2225 NE 27TH
 RENTON, WA
 PH. 206-251-0300

Site Code: 2
 Station ID: 2
 THREE LAKES E/O MACHIAS

Start Time	29-Jul-04 Thu	EB	WB	Total
12:00 AM		20	13	33
01:00		9	13	22
02:00		9	4	13
03:00		2	9	11
04:00		11	36	47
05:00		16	80	96
06:00		61	116	177
07:00		64	124	188
08:00		64	116	180
09:00		86	127	213
10:00		101	134	235
11:00		110	128	238
12:00 PM		134	134	268
01:00		160	124	284
02:00		157	110	267
03:00		204	152	356
04:00		192	134	326
05:00		216	124	340
06:00		200	144	344
07:00		143	119	262
08:00		120	101	221
09:00		110	96	206
10:00		65	42	107
11:00		47	16	63
Total		2301	2196	4497
Percent		51.2%	48.8%	
AM Peak		11:00	10:00	11:00
Vol.		110	134	238
PM Peak		17:00	15:00	15:00
Vol.		216	152	356
Grand Total		2301	2196	4497
Percent		51.2%	48.8%	
ADT		ADT 4,356	AADT 4,356	

All Traffic Data Services Inc.
 2225 NE 27TH
 RENTON, WA
 PH. 206-251-0300

Site Code: 4
 Station ID: 4
 LOWELL/SNOHO RD W/O SR9

Start Time	29-Jul-04 Thu	EB	WB	Total
12:00 AM		13	6	19
01:00		8	4	12
02:00		8	7	15
03:00		4	9	13
04:00		10	29	39
05:00		22	99	121
06:00		76	297	373
07:00		62	378	440
08:00		72	212	284
09:00		77	100	177
10:00		74	110	184
11:00		88	114	202
12:00 PM		138	90	228
01:00		126	132	258
02:00		190	100	290
03:00		255	110	365
04:00		354	116	470
05:00		380	118	498
06:00		202	98	300
07:00		117	79	196
08:00		64	84	148
09:00		53	54	107
10:00		34	40	74
11:00		29	22	51
Total		2456	2408	4864
Percent		50.5%	49.5%	
AM Peak		11:00	07:00	07:00
Vol.		88	378	440
PM Peak		17:00	13:00	17:00
Vol.		380	132	498
Grand Total		2456	2408	4864
Percent		50.5%	49.5%	
ADT	ADT 4,689		AADT 4,689	

Start Time	29-Jul-04 Thu	NB	SB	Total
12:00 AM		3	12	15
01:00		2	6	8
02:00		2	3	5
03:00		0	4	4
04:00		12	10	22
05:00		36	27	63
06:00		144	68	212
07:00		126	104	230
08:00		128	97	225
09:00		122	98	220
10:00		118	127	245
11:00		128	125	253
12:00 PM		128	142	270
01:00		162	142	304
02:00		144	140	284
03:00		162	169	331
04:00		196	184	380
05:00		218	240	458
06:00		160	166	326
07:00		152	132	284
08:00		112	98	210
09:00		76	84	160
10:00		46	44	90
11:00		18	27	45
Total		2395	2249	4644
Percent		51.6%	48.4%	
AM Peak		06:00	10:00	11:00
Vol.		144	127	253
PM Peak		17:00	17:00	17:00
Vol.		218	240	458
Grand Total		2395	2249	4644
Percent		51.6%	48.4%	
ADT		ADT 3,753	AADT 3,753	

APPENDIX B

LAND USE AND TRIP GENERATION CALCULATIONS

Snohomish Transportation Plan
04T26.000

2030 Trip Generation Calculations - Revised Calculations - ADT and Total PM Peak

Zone No.	Land Use	Zone Area (Sq MI)	Zone Area (Acres)	Percent Developable Land	Future Developable Land Area		Estimated Future Development		Net New Trips						Assumptions/Comments
					Residential (SF)	Commercial (SF)	Residential (Dwelling Units)	Commercial (Leasable SF)	Average Daily Trips			PM Peak Hour Trips			
									Total	Inbound	Outbound	Total	Inbound	Outbound	
1	Airport	0.28	179		0	0			0	0	0	0	0	0	Airport development plans undefined at this time
2	Industrial (+5%)	0.16	102	5%	0	223,027		66,908	456	233	233	96	8	58	5% Light Industrial Assumed floor area to be 30% of property area
3	Public	0.11	70			0			0	0	0	0	0	0	Sewer Treatment plant add 15% Maintenance Yard
4	Retail (+10%)	0.05	32	10%					1,390	695	695	85	37	48	10% Specialty Retail Assumed 25% pass-by for Retail trips Assumed floor area to be 30% of property area
5	Retail (+5%)	0.05	32	5%					695	348	347	42	18	24	5% Specialty Retail Assumed 25% pass-by for Retail trips Assumed floor area to be 30% of property area
6	Multi-Family (+10%)	0.09	58	10%	250,906			104	697	349	348	64	42	22	10% MF Residential Assumed 18 Units per Acre (1 Unit per 2420 SF)
	Single Family Residential (-20%)	0.09	58	-20%	-501,811			-67	-640	-320	-320	-68	-43	-25	Less -20% SF Residential Assumed 7500 SF Average Lot Size
	Retail (+5%)	0.09	58	5%					1,251	626	625	76	33	43	5% Specialty Retail Assumed 25% pass-by for Retail trips Assumed floor area to be 30% of property area
	Total								1,308	655	653	72	32	40	
7	Retail (+10%)	0.12	77	10%					3,336	1,668	1,668	204	90	114	10% Specialty Retail Assumed 25% pass-by for Retail trips Assumed floor area to be 30% of property area
8	Multi-Family (+5%)	0.13	83	5%	181,210			75	503	252	251	46	30	16	5% MF Residential Assumed 18 Units per Acre (1 Unit per 2420 SF)
9	Retail (+5%)	0.12	77	5%					1,668	834	834	102	45	57	5% Specialty Retail Assumed 25% pass-by for Retail trips Assumed floor area to be 30% of property area
10	Multi-Family (+10%)	0.15	96	10%	418,176			173	1,161	581	580	107	70	37	10% MF Residential Assumed 18 Units per Acre (1 Unit per 2420 SF)
	Retail (+15%)	0.15	96	15%					6,255	3,128	3,127	382	168	214	15% Specialty Retail Assumed 25% pass-by for Retail trips Assumed floor area to be 30% of property area
	Office (+5%)	0.15	96	5%					691	346	345	93	15	77	5% General Office Assumed floor area to be 30% of property area
	Total								8,107	4,055	4,062	582	254	328	
11	Residential	0.29	186						3,416	1,708	1,708	361	227	134	Cemetery Creek Plan (Lower Cemetery Creek)
12	Single Family Residential (+5%)	0.14	90	5%	195,149			26	249	125	124	26	16	10	5% SF Residential Assumed 7500 SF Average Lot Size
13	Retail (+10%)	0.07	45	10%					1,946	973	973	119	52	67	10% Specialty Retail Assumed 25% pass-by for Retail trips Assumed floor area to be 30% of property area
	Multi-Family (+5%)	0.07	45	5%	97,574			40	271	136	135	25	16	9	5% MF Residential Assumed 18 Units per Acre (1 Unit per 2420 SF)
	Total								2,217	1,109	1,108	144	68	76	

Snohomish Transportation Plan
04T26.000

2030 Trip Generation Calculations - Revised Calculations - ADT and Total PM Peak

Zone No.	Land Use	Zone Area (Sq MI)	Zone Area (Acres)	Percent Developable Land	Future Developable Land Area		Estimated Future Development		Net New Trips						Assumptions/Comments
					Residential (SF)	Commercial (SF)	Residential (Dwelling Units)	Commercial (Leasable SF)	Average Daily Trips			PM Peak Hour Trips			
									Total	Inbound	Outbound	Total	Inbound	Outbound	
14	Multi-Family (+10%)	0.17	109	10%	473,933		196		1,316	658	658	121	79	42	10% MF Residential Assumed 18 Units per Acre (1 Unit per 2420 SF)
15	Multi-Family (+5%)	0.11	70	5%	152,460		63		423	212	211	39	25	14	5% MF Residential Assumed 18 Units per Acre (1 Unit per 2420 SF)
16	Industrial (+10%)	0.21	134	10%		586,448		175,634	1,224	612	612	172	21	151	10% Light Industrial Assumed floor area to be 30% of property area
17	Retail (+20%)	0.08	38	20%		334,541		100,362	3,336	1,668	1,668	204	90	114	20% Specialty Retail Assumed 25% pass-by for Retail trips Assumed floor area to be 30% of property area
	Office (+5%)	0.06	38	5%		83,635		25,091	276	138	138	37	6	31	5% General Office Assumed floor area to be 30% of property area
	Industrial (+5%)	0.06	38	5%		83,635		25,091	175	88	87	25	3	22	5% Light Industrial Assumed floor area to be 30% of property area
	Total								3,787	1,894	1,893	266	99	167	
18	No Change Planned	0.08	51		0	0			0	0	0	0	0	0	No Change Planned
19	Retail (+10%)	0.08	51	10%		223,027		66,908	2,224	1,112	1,112	136	60	76	10% Specialty Retail Assumed 25% pass-by for Retail trips Assumed floor area to be 30% of property area
20	Single Family Residential (+5%)	0.19	122	5%	264,845		35		338	169	169	36	23	13	5% SF Residential Assumed 7500 SF Average Lot Size
21	Single Family Residential (+5%)	0.35	224	5%	487,872		65		623	312	311	66	42	24	5% SF Residential Assumed 7500 SF Average Lot Size
22	Single Family Residential (+60%)	0.15	96	60%	2,509,056		335		3,202	1,601	1,601	338	213	125	60% SF Residential Assumed 7500 SF Average Lot Size
23	Office (+10%)	0.16	102	10%		446,054		133,816	1,473	737	736	199	34	165	10% General Office Assumed floor area to be 30% of property area
	Retail (+5%)	0.16	102	5%		223,027		66,908	2,224	1,112	1,112	136	60	76	5% Specialty Retail Assumed 25% pass-by for Retail trips Assumed floor area to be 30% of property area
	Total								3,697	1,849	1,848	335	94	241	
24	Single Family Residential (+15%)	0.13	83	15%	543,629		72		694	347	347	73	46	27	15% SF Residential Assumed 7500 SF Average Lot Size
	Office (+50%)	0.13	83	50%		1,812,096		543,629	5,985	2,993	2,992	810	138	672	50% General Office Assumed floor area to be 30% of property area
	Total								6,679	3,340	3,339	883	184	699	
25	Retail (+20%)	0.09	58	20%		501,811		150,543	5,004	2,502	2,502	306	135	171	20% Specialty Retail Assumed 25% pass-by for Retail trips Assumed floor area to be 30% of property area
	Office (+20%)	0.09	58	20%		501,811		150,543	1,657	829	828	224	38	166	20% General Office Assumed floor area to be 30% of property area
	Total								6,661	3,331	3,330	530	173	357	
	Retail Big-Box (+75%)	0.06	38	75%		1,254,528		376,358	11,367	5,684	5,683	1,067	534	533	75% Specialty Retail Assumed 25% pass-by for Retail trips Assumed floor area to be 30% of property area

Snohomish Transportation Plan
04T26.000

2030 Trip Generation Calculations - Revised Calculations - ADT and Total PM Peak

Zone No.	Land Use	Zone Area (Sq Mi)	Zone Area (Acres)	Percent Developable Land	Future Developable Land Area		Estimated Future Development		Net New Trips						Assumptions/Comments
					Residential (SF)	Commercial (SF)	Residential (Dwelling Units)	Commercial (Leasable SF)	Average Daily Trips			PM Peak Hour Trips			
									Total	Inbound	Outbound	Total	Inbound	Outbound	
26	Multi-Family (+10%)	0.06	38	10%	167,270		69		484	232	232	43	28	15	10% MF Residential Assumed 18 Units per Acre (1 Unit per 2420 SF)
	Total								11,831	5,915	5,915	1,110	562	548	
27	Single Family Residential (+10%)	0.14	90	10%	390,298		52		498	249	249	53	33	20	10% SF Residential Assumed 7500 SF Average Lot Size 15% MF Residential Assumed 18 Units per Acre (1 Unit per 2420 SF)
	Multi-Family (+15%)	0.14	90	15%	585,446		242		1,626	813	813	150	98	52	
	Total								2,124	1,062	1,062	203	131	72	
28	Residential	0.53	339				772		7,368	3,694	3,694	780	491	289	Cemetery Creek Plan (North Blackman's Lake)
29	Residential	0.23	147				293		2,804	1,402	1,402	295	186	110	Cemetery Creek Plan (Pine Avenue)
Total		5.46	0		6,216,013	8,140,491			77,676	38,846	38,830	7,041	3,208	3,833	

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Revised: Thursday, September 2nd 2004

Land Use	Code	ADT Rate	PM Rate	PM IN %	PM OUT %
Free Standing Discount Superstore	813	49.21	3.87	49%	51%
Discount Club	861	41.80	4.24	50%	50%
Home Improvement Superstore	862	29.80	2.45	47%	53%
Pet Supply Superstore	866		4.96	50%	50%
Office Superstore	867		3.40	53%	47%
Big Box Retail Average		40.27	3.78	0.50	50%