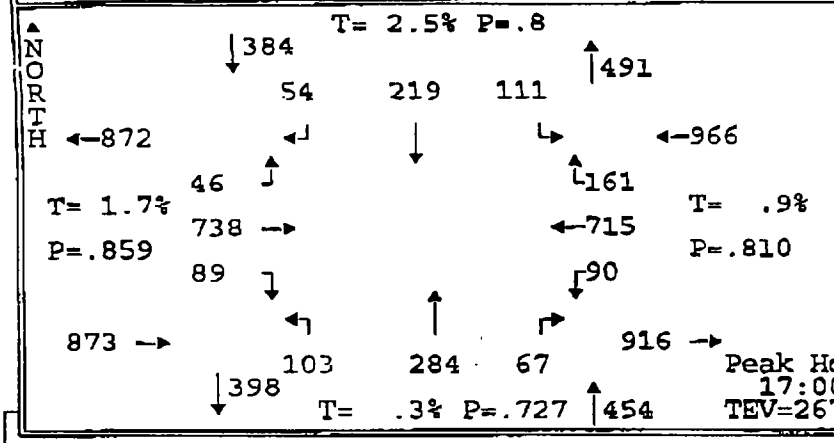
C- Traffic Counts

FROM : TRAFFIC SMITHY PHONE NO. : 5036438866 Dec. 01 2000 10:49AM P7

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
173RD AVENUE AT WALKER ROAD



DATE OF COUNT: 04/20/99
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

NSCY

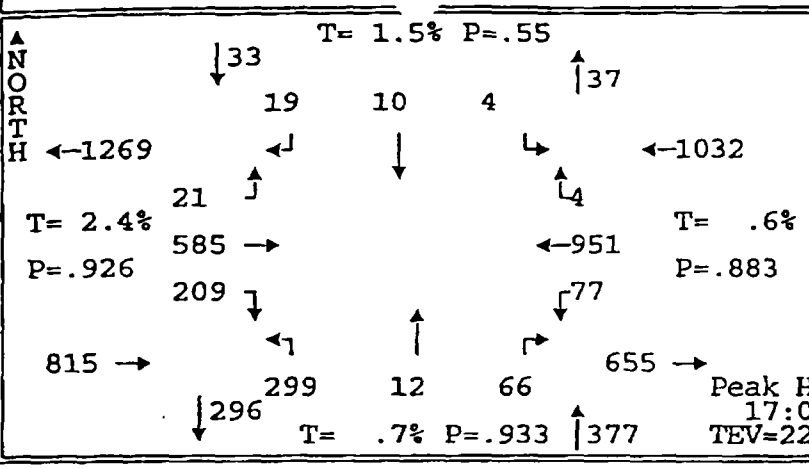
Peak Hour
17:00-18:00
TEV=2677

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	3	44	3	8	21	13	6	12	2	5	40	5	162
16:05-16:10	6	43	2	6	26	17	6	21	9	9	49	13	207
16:10-16:15	15	64	7	4	18	7	4	18	3	5	35	7	187
16:15-16:20	13	48	2	3	14	8	3	15	3	8	46	13	176
16:20-16:25	8	40	2	13	11	7	6	20	2	8	43	11	171
16:25-16:30	4	56	1	7	10	1	2	14	4	9	44	11	163
16:30-16:35	8	46	2	7	11	3	5	13	2	4	52	7	160
16:35-16:40	8	41	6	4	19	10	8	21	5	4	47	5	178
16:40-16:45	7	60	5	3	13	7	2	11	4	5	51	12	180
16:45-16:50	6	71	3	8	13	6	5	8	1	9	45	9	184
16:50-16:55	10	43	5	4	22	7	4	32	4	5	64	7	207
16:55-17:00	10	54	0	12	23	13	8	21	4	5	54	2	206
17:00-17:05	8	45	3	7	10	8	3	25	4	3	39	8	163
17:05-17:10	9	58	3	3	8	10	9	19	7	5	58	10	199
17:10-17:15	5	64	2	7	24	5	13	21	8	3	52	11	215
17:15-17:20	8	72	4	5	20	9	5	17	3	8	70	14	235
17:20-17:25	8	64	3	3	34	8	7	25	7	11	59	13	242
17:25-17:30	16	75	4	4	12	10	4	12	3	14	70	8	232
17:30-17:35	5	53	5	5	33	11	17	41	9	7	69	15	270
17:35-17:40	4	75	1	3	12	5	8	18	6	8	77	30	247
17:40-17:45	7	53	6	9	15	10	11	40	6	6	49	8	220
17:45-17:50	9	69	5	1	14	10	12	18	4	8	60	13	223
17:50-17:55	6	50	2	2	25	11	5	24	7	13	61	15	221
17:55-18:00	4	60	8	5	12	14	9	24	3	4	51	16	210
Total Survey	187	1348	84	133	420	210	162	490	110	166	1285	263	4858
PHF	.7	.87	.77	.79	.69	.79	.72	.72	.8	.68	.83	.76	.893
% Trucks	1.1	1.8	1.2	4.5	2.6	1	.6	0	.9	1.2	.8	1.1	1.3
Stopped Buses	0	0	0	0	0	0	0	0	0	0	2	0	
Peds	0	1	0	0	2	0	0	11	0	0	4	0	
Hourly Totals													
16:00-17:00	98	610	38	79	201	99	59	206	43	76	570	102	2181
16:15-17:15	96	626	34	78	178	85	68	220	48	68	595	106	2202
16:30-17:30	103	693	40	67	209	96	73	225	52	76	661	106	2401
16:45-17:45	96	727	39	70	226	102	94	279	62	84	706	135	2620
17:00-18:00	89	738	46	54	219	111	103	284	67	90	715	161	2677

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
VASELINE ROAD AT 170TH AVENUE

22326



DATE OF COUNT: 01/12/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

BKSH

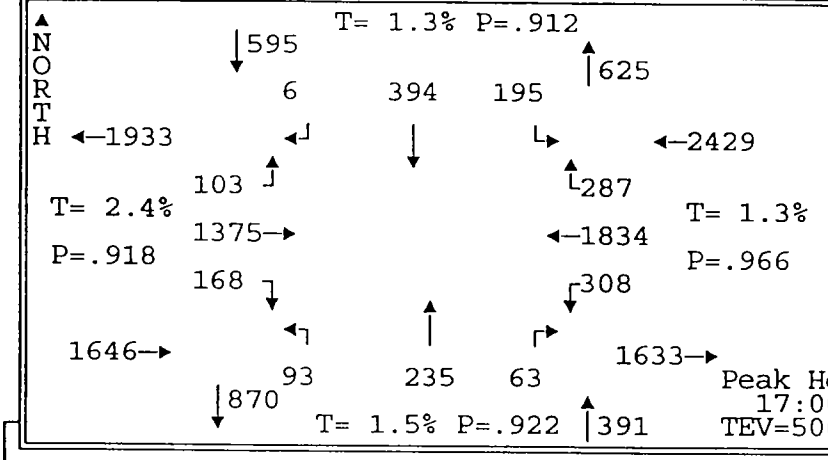
Peak Hour
17:00-18:00
TEV=2257

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	16	25	0	1	0	1	13	3	2	2	60	1	124
16:05-16:10	17	50	1	3	1	1	10	1	4	5	72	1	166
16:10-16:15	23	60	0	0	0	0	21	3	5	4	51	1	168
16:15-16:20	19	48	3	1	2	1	14	1	2	4	73	2	170
16:20-16:25	16	36	0	2	1	0	22	0	7	12	62	0	158
16:25-16:30	21	45	0	0	0	0	20	0	7	5	67	0	165
16:30-16:35	16	44	1	2	1	0	21	1	2	2	58	1	149
16:35-16:40	17	46	2	0	1	1	36	0	9	3	64	0	179
16:40-16:45	17	43	1	2	0	0	21	1	8	4	75	4	176
16:45-16:50	17	54	1	3	1	1	19	2	7	8	71	2	186
16:50-16:55	17	44	0	5	0	1	14	1	9	5	70	3	169
16:55-17:00	12	35	0	1	0	2	23	2	1	3	62	2	143
17:00-17:05	16	49	3	0	1	0	29	0	10	9	60	0	177
17:05-17:10	18	58	2	3	0	0	19	0	5	6	88	0	199
17:10-17:15	14	48	1	1	0	0	30	2	6	8	96	0	206
17:15-17:20	17	46	1	2	0	0	24	1	6	3	73	0	173
17:20-17:25	25	54	0	1	0	0	20	3	5	4	79	0	191
17:25-17:30	23	43	1	0	2	0	28	0	6	7	90	0	200
17:30-17:35	15	44	3	2	1	1	23	2	3	5	74	2	175
17:35-17:40	18	40	0	3	1	2	28	1	5	5	96	1	200
17:40-17:45	14	40	2	4	1	0	29	1	8	10	61	1	171
17:45-17:50	14	57	0	0	0	0	10	0	6	14	104	0	205
17:50-17:55	12	51	6	0	4	1	29	1	2	3	61	0	170
17:55-18:00	23	55	2	3	0	0	30	1	4	3	69	0	190
Total Survey	417	1115	30	39	17	12	533	27	129	134	1736	21	4210
PHF	.8	.9	.66	.53	.5	.33	.93	.5	.79	.66	.91	.25	.969
% Trucks	4.6	1.7	0	2.6	0	0	.8	0	.8	.7	.6	0	1.3
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	8	0	0	2	0	0	15	0	0	3	0	
Hourly Totals													
16:00-17:00	208	530	9	20	7	8	234	15	63	57	785	17	1953
16:15-17:15	200	550	14	20	7	6	268	10	73	69	846	14	2077
16:30-17:30	209	564	13	20	6	5	284	13	74	62	886	12	2148
16:45-17:45	206	555	14	25	7	7	286	15	71	73	920	11	2190
17:00-18:00	209	585	21	19	10	4	299	12	66	77	951	4	2257

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
170TH AVENUE AT TUALATIN VALLEY HIGHWAY

23906



DATE OF COUNT: 6/13/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

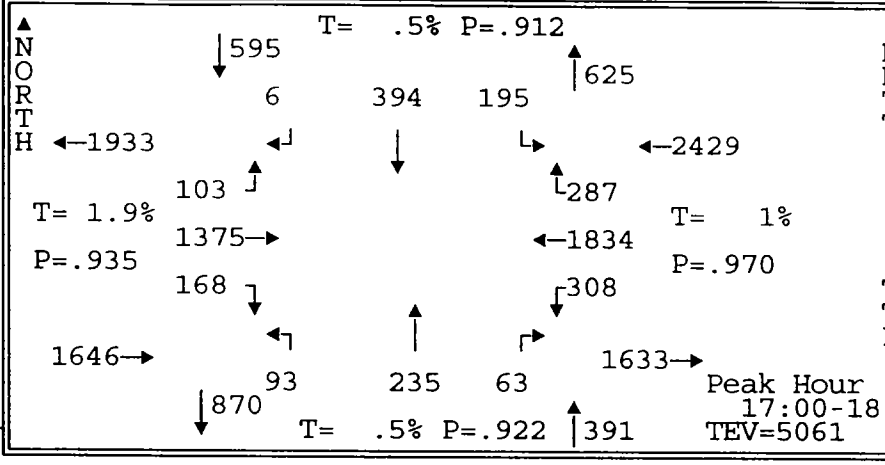
bkvj

Peak Hour
17:00-18:00
TEV=5061

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	10	128	10	1	22	12	12	15	1	16	132	20	379
16:05-16:10	9	121	9	0	24	8	12	17	5	20	163	17	405
16:10-16:15	14	89	10	2	36	19	8	21	9	7	106	13	334
16:15-16:20	13	101	9	2	30	14	9	19	3	25	138	13	376
16:20-16:25	11	103	9	4	30	19	11	16	5	22	140	19	389
16:25-16:30	14	128	8	1	24	8	8	17	4	20	137	20	389
16:30-16:35	7	137	7	2	28	12	9	22	6	16	166	21	433
16:35-16:40	12	117	9	1	39	17	13	21	6	13	132	20	400
16:40-16:45	9	90	11	0	35	20	8	11	15	22	138	24	383
16:45-16:50	17	118	9	1	29	14	6	19	5	25	152	22	417
16:50-16:55	17	151	6	0	31	17	4	16	4	14	119	21	400
16:55-17:00	4	128	6	0	23	4	12	19	2	25	164	24	411
17:00-17:05	11	116	7	0	37	22	9	22	4	20	141	36	425
17:05-17:10	8	104	10	0	42	14	7	25	7	15	141	25	398
17:10-17:15	6	129	14	0	30	18	6	21	5	28	146	27	430
17:15-17:20	16	141	4	1	29	19	9	19	7	20	163	27	455
17:20-17:25	17	116	5	0	33	14	10	18	6	27	171	19	436
17:25-17:30	19	114	8	1	30	20	6	18	4	27	151	21	419
17:30-17:35	14	117	9	0	32	13	12	21	5	16	159	27	425
17:35-17:40	11	117	9	1	32	13	5	21	4	35	162	21	431
17:40-17:45	13	126	11	0	32	13	7	17	5	30	126	24	404
17:45-17:50	14	105	4	1	34	11	5	14	5	35	165	21	414
17:50-17:55	21	83	9	1	30	19	8	20	6	32	133	21	383
17:55-18:00	18	107	13	1	33	19	9	19	5	23	176	18	441
Total Survey	305	2786	206	20	745	359	205	448	128	533	3521	521	9777
PHF	.79	.89	.83	.5	.9	.9	.83	.86	.83	.77	.95	.82	.957
% Trucks	2.3	2.4	2.4	0	1.1	1.9	2.9	.9	1.6	.4	1.1	3.3	1.7
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	3	0	0	0	0	0	0	0	0	14	0	
Hourly Totals													
16:00-17:00	137	1411	103	14	351	164	112	213	65	225	1687	234	4716
16:15-17:15	129	1422	105	11	378	179	102	228	66	245	1714	272	4851
16:30-17:30	143	1461	96	6	386	191	99	231	71	252	1784	287	5007
16:45-17:45	153	1477	98	4	380	181	93	236	58	282	1795	294	5051
17:00-18:00	168	1375	103	6	394	195	93	235	63	308	1834	287	5061

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
170TH AVENUE AT TUALATIN VALLEY HIGHWAY



DATE OF COUNT: 6/13/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

bkvj

Peak Hour
17:00-18:00
TEV=5061

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	25	349	31	0	109	54	22	68	16	63	428	88	1253
17:15-17:30	52	371	17	2	92	53	25	55	17	74	485	67	1310
17:30-17:45	38	360	29	1	96	39	24	59	14	81	447	72	1260
17:45-18:00	53	295	26	3	97	49	22	53	16	90	474	60	1238
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	8	0	0	0	0	1	0	0	0	2	2	13
17:15-17:30	1	3	0	0	0	0	0	0	0	0	6	3	13
17:30-17:45	1	6	0	0	0	0	0	0	0	0	1	1	9
17:45-18:00	0	5	0	0	1	0	1	0	0	0	2	0	9
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	1	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	2	0	2
17:30-17:45	0	0	0	0	0	0	0	0	0	0	1	2	3
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	1	0	0	0	0	0	0	0	1
17:15-17:30	0	2	0	0	1	0	0	0	0	0	0	0	3
17:30-17:45	0	3	0	0	0	0	0	0	0	0	1	0	4
17:45-18:00	0	2	0	0	0	0	0	0	0	0	0	0	2
BICYCLES													
17:00-17:15	0	1	0	0	0	0	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	2	0	0	0	0	0	2	0	0	0	0	4
17:45-18:00	0	1	0	0	0	0	0	1	0	0	1	0	3

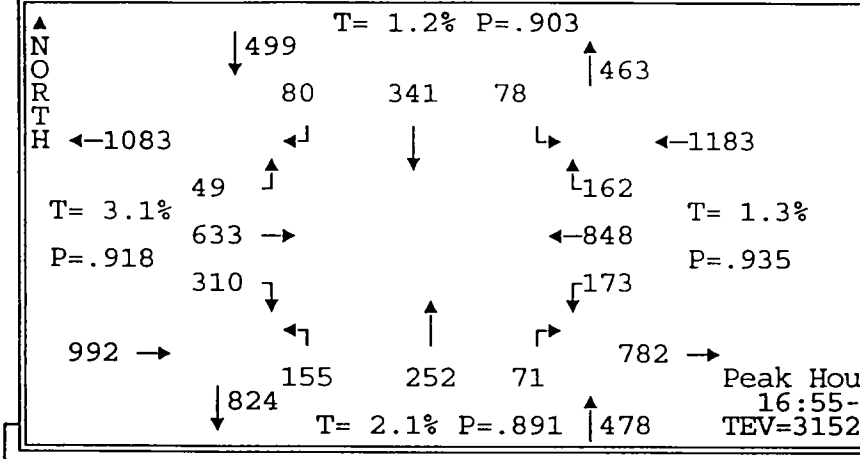
PEDESTRIANS — CROSSWALK USEAGE	SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	1	0	0	1	2
17:15-17:30	0	0	0	2	2
17:30-17:45	1	0	0	7	8
17:45-18:00	0	0	0	0	0

Peak Hour by Movement													
PHF	.79	.93	.83	.5	.9	.9	.93	.86	.93	.86	.95	.82	.965
% Trucks(all)	1.2	2.1	0	0	.8	0	2.2	0	0	0	.9	2.8	1.2
% Trucks(M+H)	0	.5	0	0	.5	0	0	0	0	0	.3	.7	.3
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	137	1411	103	14	351	164	112	213	65	225	1687	234	4716
16:15-17:15	129	1422	105	11	378	179	102	228	66	245	1714	272	4851
16:30-17:30	143	1461	96	6	386	191	99	231	71	252	1784	287	5007
16:45-17:45	153	1477	98	4	380	181	93	236	58	282	1795	294	5051
17:00-18:00	168	1375	103	6	394	195	93	235	63	308	1834	287	5061

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
170TH AVENUE AT FARMINGTON ROAD

27494



DATE OF COUNT: 05/31/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

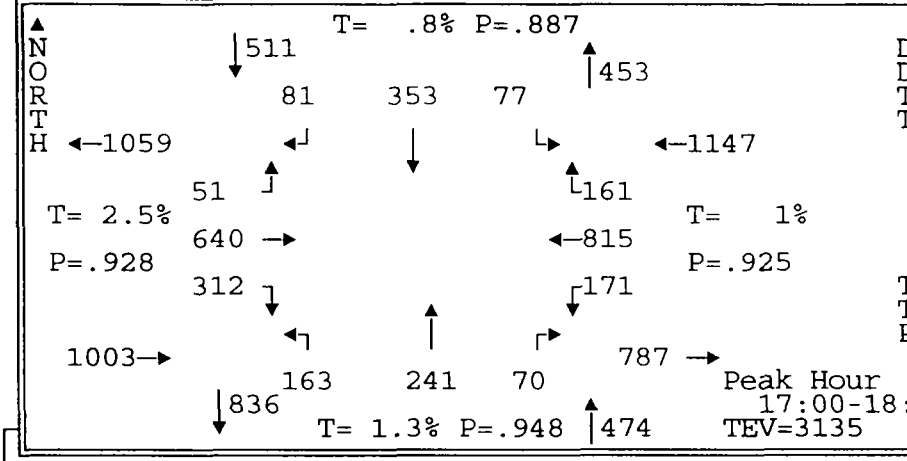
ERLJ

Peak Hour
16:55-17:55
TEV=3152

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↙	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	21	60	3	5	19	6	6	20	6	13	57	8	224
16:05-16:10	31	52	7	5	19	3	8	15	4	14	67	7	232
16:10-16:15	18	53	5	7	28	3	15	18	3	14	73	5	242
16:15-16:20	34	49	4	8	25	6	14	14	4	11	54	9	232
16:20-16:25	17	62	6	13	24	3	6	12	8	11	90	8	260
16:25-16:30	14	51	6	6	28	11	12	14	5	12	80	18	257
16:30-16:35	22	50	4	10	25	5	7	14	4	9	77	10	237
16:35-16:40	17	54	6	9	22	1	12	23	4	10	65	11	234
16:40-16:45	22	47	1	12	25	10	10	14	6	16	84	11	258
16:45-16:50	24	55	4	10	20	3	14	13	10	12	60	8	233
16:50-16:55	12	52	5	7	25	3	13	16	4	10	71	9	227
16:55-17:00	19	38	3	8	28	8	9	30	4	14	59	8	228
17:00-17:05	25	60	6	5	16	10	16	19	2	11	77	21	268
17:05-17:10	25	46	6	2	29	3	11	26	12	7	78	18	263
17:10-17:15	29	49	1	9	29	5	14	19	6	10	64	12	247
17:15-17:20	25	61	2	9	31	6	19	18	9	15	66	15	276
17:20-17:25	27	51	9	9	28	4	4	21	6	19	81	18	277
17:25-17:30	27	48	3	8	33	10	11	30	6	14	68	12	270
17:30-17:35	28	52	6	7	26	7	19	31	4	19	67	18	284
17:35-17:40	30	60	4	8	27	6	22	7	4	20	72	15	275
17:40-17:45	30	57	3	6	30	4	11	19	2	19	71	9	261
17:45-17:50	20	49	4	4	34	6	8	14	10	10	77	7	243
17:50-17:55	25	62	2	5	30	9	11	18	6	15	68	9	260
17:55-18:00	21	45	5	9	40	7	17	19	3	12	26	7	211
Total Survey	563	1263	105	181	641	139	289	444	132	317	1652	273	5999
PHF	.88	.94	.68	.74	.91	.85	.75	.77	.66	.75	.96	.79	.948
% Trucks	2.3	3	7.6	1.7	.9	2.2	2.8	1.8	1.5	.3	1.6	.7	2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	9	0	0	3	0	0	0	0	0	5	0	
Hourly Totals													
16:00-17:00	251	623	54	100	288	62	126	203	62	146	837	112	2864
16:15-17:15	260	613	52	99	296	68	138	214	69	133	859	143	2944
16:30-17:30	274	611	50	98	311	68	140	243	73	147	850	153	3018
16:45-17:45	301	629	52	88	322	69	163	249	69	170	834	163	3109
17:00-18:00	312	640	51	81	353	77	163	241	70	171	815	161	3135

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
170TH AVENUE AT FARMINGTON ROAD



DATE OF COUNT: 05/31/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

ERLJ

Peak Hour
17:00-18:00
TEV=3135

Traffic Smithy
(503)641-6333

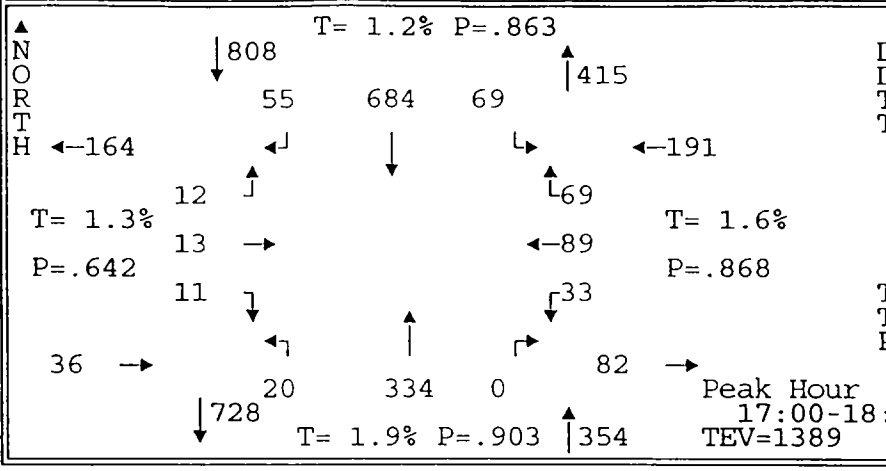
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	79	155	13	16	74	18	41	64	20	28	219	51	778
17:15-17:30	79	160	14	26	92	20	34	69	21	48	215	45	823
17:30-17:45	88	169	13	21	83	17	52	57	10	58	210	42	820
17:45-18:00	66	156	11	18	104	22	36	51	19	37	171	23	714
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	1	5	0	0	0	0	3	0	0	1	4	0	14
17:15-17:30	0	2	1	0	1	0	0	2	0	0	2	0	8
17:30-17:45	3	4	0	0	0	1	1	0	0	0	2	0	11
17:45-18:00	1	1	2	0	2	0	0	0	0	0	1	0	7
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	1	0	0	0	0	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	1	0	0	0	0	0	0	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	3	0	0	0	0	0	0	0	0	0	0	3
17:15-17:30	0	0	0	0	0	0	0	0	0	0	1	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	1	0	0	0	1	0	2
17:15-17:30	0	0	0	0	0	0	0	0	0	0	1	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	0	0	0	0
17:15-17:30	2	0	0	2	4
17:30-17:45	0	0	0	0	0
17:45-18:00	1	1	0	0	2

Peak Hour by Movement	↓	→	↑	↵	↓	↳	↰	↑	↱	↓	←	↑	
PHF	.89	.95	.91	.78	.85	.88	.78	.87	.83	.74	.93	.79	.952
% Trucks(all)	1.6	2.7	5.9	0	.8	1.3	2.5	.8	0	.6	1.2	0	1.5
% Trucks(M+H)	0	.8	0	0	0	0	0	0	0	0	.1	0	.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	251	623	54	100	288	62	126	203	62	146	837	112	2864
16:15-17:15	260	613	52	99	296	68	138	214	69	133	859	143	2944
16:30-17:30	274	611	50	98	311	68	140	243	73	147	850	153	3018
16:45-17:45	301	629	52	88	322	69	163	249	69	170	834	163	3109
17:00-18:00	312	640	51	81	353	77	163	241	70	171	815	161	3135

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
170TH AVENUE AT OAK STREET



DATE OF COUNT: 06/07/00
DAY OF WEEK: WED
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

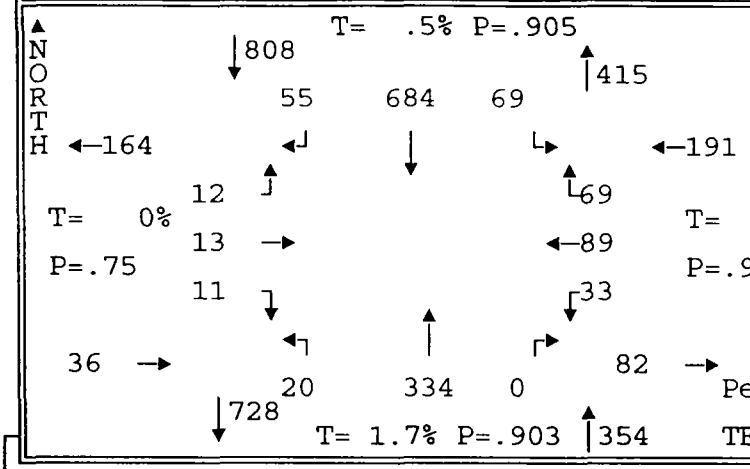
EHPA

Peak Hour
17:00-18:00
TEV=1389

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	WEST BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	2	0	2	3	32	1	4	19	1	2	4	4	74
16:05-16:10	1	1	1	3	38	1	3	33	0	2	6	2	91
16:10-16:15	1	1	1	8	34	4	2	28	0	5	1	3	88
16:15-16:20	2	0	1	3	43	8	2	29	0	3	3	4	98
16:20-16:25	0	1	0	8	40	5	0	18	0	7	3	1	83
16:25-16:30	2	1	0	5	48	2	0	23	0	3	3	2	89
16:30-16:35	0	1	1	4	39	2	1	25	0	0	2	1	76
16:35-16:40	2	1	0	4	50	5	1	24	0	2	1	4	94
16:40-16:45	1	2	1	2	48	4	2	32	0	1	3	8	104
16:45-16:50	2	2	1	3	52	11	2	30	1	1	2	7	114
16:50-16:55	1	2	2	4	53	6	3	27	1	3	3	6	111
16:55-17:00	2	0	1	8	62	7	1	22	0	2	9	3	117
17:00-17:05	0	3	0	6	49	6	1	30	0	4	5	4	108
17:05-17:10	0	3	1	3	39	4	1	19	0	2	13	3	88
17:10-17:15	2	2	1	4	47	9	0	31	0	2	14	3	115
17:15-17:20	2	0	2	6	60	5	3	28	0	2	7	9	124
17:20-17:25	2	1	2	5	53	5	3	29	0	4	3	8	115
17:25-17:30	0	0	1	4	72	13	1	34	0	1	4	11	141
17:30-17:35	0	0	0	3	72	5	2	21	0	0	6	1	110
17:35-17:40	0	1	0	4	57	4	1	25	0	4	9	5	110
17:40-17:45	1	0	0	4	53	3	0	27	0	3	10	6	107
17:45-17:50	0	2	3	6	56	6	3	33	0	5	5	6	125
17:50-17:55	2	0	1	4	69	7	2	30	0	6	4	3	128
17:55-18:00	2	1	1	6	57	2	3	27	0	0	9	10	118
Total Survey	27	25	23	110	1223	125	41	644	3	64	129	114	2528
PHF	.46	.41	.6	.86	.85	.75	.63	.92	0	.59	.65	.62	.913
% Trucks	0	4	0	1.8	1.1	.8	0	1.9	33.3	3.1	0	2.6	1.4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	1	0	0	0	0	0	4	0	0	1	0	
Hourly Totals													
16:00-17:00	16	12	11	55	539	56	21	310	3	31	40	45	1139
16:15-17:15	14	18	9	54	570	69	14	310	2	30	61	46	1197
16:30-17:30	14	17	13	53	624	77	19	331	2	24	66	67	1307
16:45-17:45	12	14	11	54	669	78	18	323	2	28	85	66	1360
17:00-18:00	11	13	12	55	684	69	20	334	0	33	89	69	1389

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
170TH AVENUE AT OAK STREET



DATE OF COUNT: 06/07/00
DAY OF WEEK: WED
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

EHPA

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↓	SOUTH BOUND ←	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	2	8	2	13	135	19	2	80	0	8	32	10	311
17:15-17:30	4	1	5	15	185	23	7	91	0	7	14	28	380
17:30-17:45	1	1	0	11	182	12	3	73	0	7	25	12	327
17:45-18:00	4	3	5	16	182	15	8	90	0	11	18	19	371
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	1	0	0	0	0	1
17:15-17:30	0	0	0	0	1	0	0	2	0	0	0	0	3
17:30-17:45	0	0	0	0	3	0	0	0	0	0	0	0	3
17:45-18:00	0	0	0	0	0	0	0	1	0	1	0	0	2
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	1	1
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	1	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	1	0	0	0	0	1
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

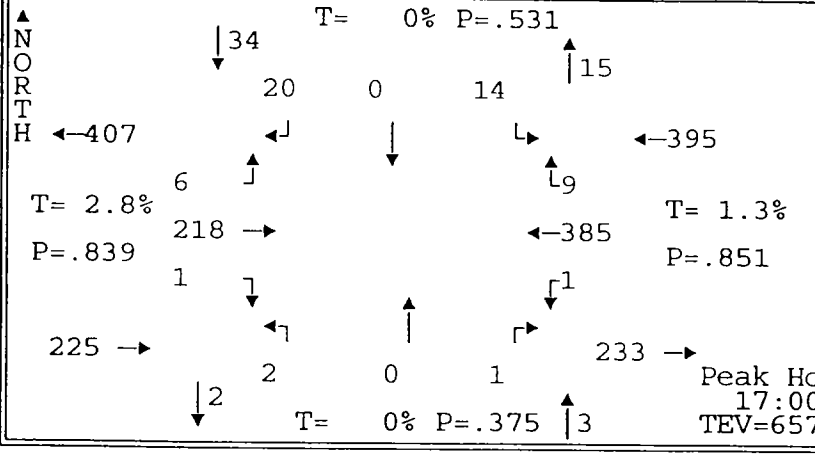
PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	0	0	0	0
17:15-17:30	0	0	2	0	2
17:30-17:45	0	0	0	1	1
17:45-18:00	0	0	0	0	0

Peak Hour by Movement													
PHF	.69	.41	.6	.86	.92	.75	.63	.92	0	.75	.7	.62	.913
% Trucks(all)	0	0	0	0	.6	0	0	1.8	0	3	0	1.4	.9
% Trucks(M+H)	0	0	0	0	0	0	0	.6	0	0	0	1.4	.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	16	12	11	55	539	56	21	310	3	31	40	45	1139
16:15-17:15	14	18	9	54	570	69	14	310	2	30	61	46	1197
16:30-17:30	14	17	13	53	624	77	19	331	2	24	66	67	1307
16:45-17:45	12	14	11	54	669	78	18	323	2	28	85	66	1360
17:00-18:00	11	13	12	55	684	69	20	334	0	33	89	69	1389

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
173RD AVENUE AT BANY ROAD

24088



DATE OF COUNT: 06/28/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

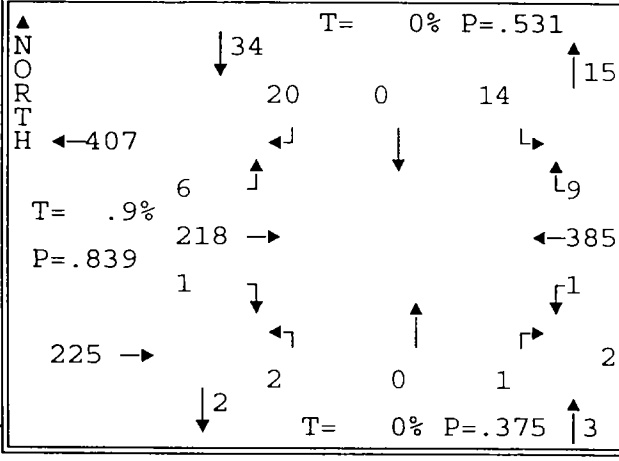
tbea

Peak Hour
17:00-18:00
TEV=657

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ←	SOUTH BOUND ↓	SOUTH BOUND →	NORTH BOUND ←	NORTH BOUND ↑	NORTH BOUND →	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	0	11	0	0	1	0	0	1	0	0	14	0	27
16:05-16:10	1	20	2	0	0	1	0	0	0	1	31	0	56
16:10-16:15	1	19	0	0	0	1	0	0	0	0	23	0	44
16:15-16:20	0	17	0	0	0	1	0	0	0	0	26	1	45
16:20-16:25	0	14	0	2	0	0	1	0	0	0	26	1	44
16:25-16:30	0	15	1	0	0	0	0	0	0	0	23	1	40
16:30-16:35	0	18	1	0	0	0	0	0	0	0	35	1	55
16:35-16:40	0	8	2	0	0	0	0	0	0	0	27	0	37
16:40-16:45	0	21	1	1	0	1	0	0	0	1	22	1	48
16:45-16:50	0	14	0	0	0	2	0	0	0	0	23	0	39
16:50-16:55	0	24	2	1	0	1	1	0	1	0	22	2	54
16:55-17:00	0	11	0	1	0	0	0	0	0	0	37	0	49
17:00-17:05	0	20	0	0	0	1	0	0	0	0	24	0	45
17:05-17:10	0	12	0	1	0	1	0	0	0	0	32	0	46
17:10-17:15	0	10	2	4	0	2	1	0	1	0	41	2	63
17:15-17:20	0	18	1	0	0	0	0	0	0	0	30	0	49
17:20-17:25	0	14	0	2	0	2	0	0	0	1	36	0	55
17:25-17:30	0	23	1	1	0	2	0	0	0	0	26	2	55
17:30-17:35	0	22	1	0	0	0	0	0	0	0	30	2	55
17:35-17:40	0	15	1	1	0	0	0	0	0	0	30	0	47
17:40-17:45	1	17	0	1	0	0	0	0	0	0	22	1	42
17:45-17:50	0	27	0	6	0	3	0	0	0	0	42	1	79
17:50-17:55	0	20	0	1	0	3	1	0	0	0	32	1	58
17:55-18:00	0	20	0	3	0	0	0	0	0	0	40	0	63
Total Survey	3	410	15	25	1	21	4	1	2	3	694	16	1195
PHF	.25	.81	.5	.5	0	.58	.5	0	.25	.25	.84	.56	.821
% Trucks	0	2.9	0	0	0	0	0	0	0	0	1.2	6.3	1.8
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	2	0	0	1	0	
Hourly Totals													
16:00-17:00	2	192	9	5	1	7	2	1	1	2	309	7	538
16:15-17:15	0	184	9	10	0	9	3	0	2	1	338	9	565
16:30-17:30	0	193	10	11	0	12	2	0	2	2	355	8	595
16:45-17:45	1	200	8	12	0	11	2	0	2	1	353	9	599
17:00-18:00	1	218	6	20	0	14	2	0	1	1	385	9	657

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
173RD AVENUE AT BANY ROAD



DATE OF COUNT: 06/28/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

tbea

Peak Hour
17:00-18:00
TEV=657

Traffic Smithy
(503)641-6333

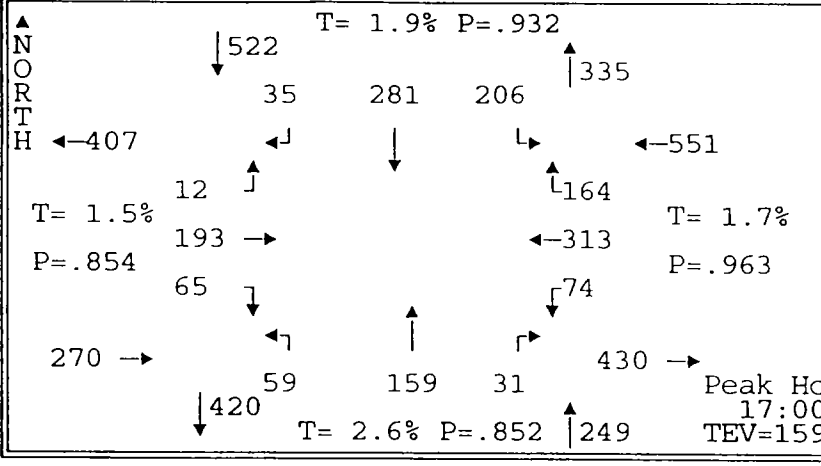
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↓	SOUTH BOUND →	SOUTH BOUND ↑	NORTH BOUND ↓	NORTH BOUND →	NORTH BOUND ↑	WEST BOUND ↓	WEST BOUND →	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	0	42	2	5	0	4	1	0	1	0	97	2	154
17:15-17:30	0	55	2	3	0	4	0	0	0	1	92	2	159
17:30-17:45	1	54	2	2	0	0	0	0	0	0	82	3	144
17:45-18:00	0	67	0	10	0	6	1	0	0	0	114	2	200
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	1	0	0	0	0	0	0	0	0	1	0	2
17:15-17:30	0	0	0	0	0	0	0	0	0	0	1	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	1	0	0	0	0	0	0	0	0	0	0	1
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	1	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	1	0	0	0	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	1	0	0	1	0	0	0	0	2
17:45-18:00	0	0	0	0	3	0	0	0	0	0	0	1	4

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	0	0	0	0
17:15-17:30	0	0	0	0	0
17:30-17:45	0	0	0	0	0
17:45-18:00	0	0	2	0	2

Peak Hour by Movement													
PHF	.25	.81	.75	.5	0	.58	.5	0	.25	.25	.84	.75	.821
% Trucks(all)	0	.9	0	0	0	0	0	0	0	0	.8	0	.8
% Trucks(M+H)	0	0	0	0	0	0	0	0	0	0	.3	0	.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	2	192	9	5	1	7	2	1	1	2	309	7	538
16:15-17:15	0	184	9	10	0	9	3	0	2	1	338	9	565
16:30-17:30	0	193	10	11	0	12	2	0	2	2	355	8	595
16:45-17:45	1	200	8	12	0	11	2	0	2	1	353	9	599
17:00-18:00	1	218	6	20	0	14	2	0	1	1	385	9	657

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
170TH AVENUE AT BANY ROAD



DATE OF COUNT: 06/07/00
DAY OF WEEK: WED
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

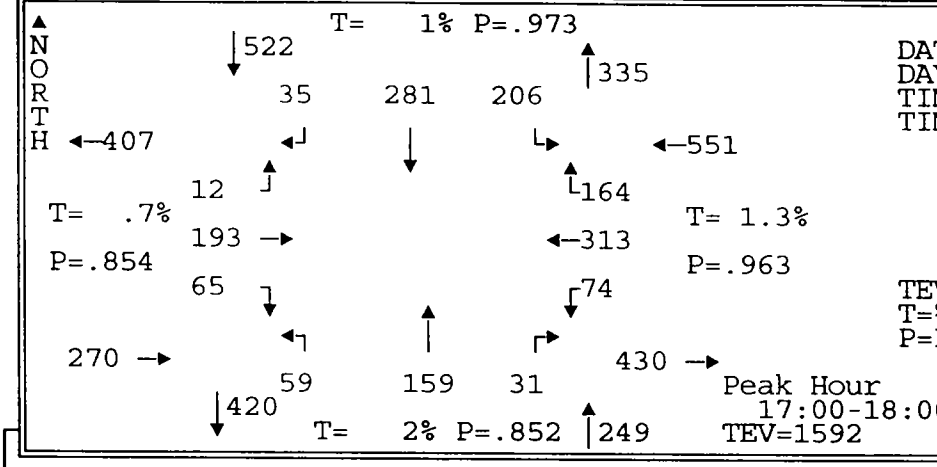
BK18

Peak Hour
17:00-18:00
TEV=1592

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↙	SOUTH BOUND ↓	SOUTH BOUND ↘	NORTH BOUND ↖	NORTH BOUND ↑	NORTH BOUND ↗	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	2	12	3	3	14	8	6	16	6	4	16	16	106
16:05-16:10	2	7	1	1	12	9	4	15	7	2	9	20	89
16:10-16:15	3	8	3	3	23	14	2	15	4	7	15	14	111
16:15-16:20	3	13	3	2	20	11	6	16	0	3	19	9	105
16:20-16:25	3	12	0	1	21	16	4	9	2	2	15	15	100
16:25-16:30	1	15	2	1	20	16	4	13	1	3	29	13	118
16:30-16:35	5	7	2	3	14	14	4	11	5	5	18	13	101
16:35-16:40	4	13	3	1	16	13	1	13	5	2	18	10	99
16:40-16:45	4	6	2	2	30	14	4	12	3	4	16	13	110
16:45-16:50	0	8	4	0	23	12	5	17	1	1	23	16	110
16:50-16:55	4	18	5	5	18	20	5	10	4	4	22	11	126
16:55-17:00	2	15	3	1	20	21	2	15	7	4	20	11	121
17:00-17:05	5	12	2	5	21	21	2	10	5	10	27	13	133
17:05-17:10	5	11	2	3	19	18	6	14	1	3	26	11	119
17:10-17:15	2	21	1	5	20	15	7	12	2	1	27	10	123
17:15-17:20	3	15	1	2	19	20	3	12	3	9	28	13	128
17:20-17:25	8	14	1	2	21	20	10	11	1	10	21	18	137
17:25-17:30	10	10	0	3	30	13	5	13	2	6	24	9	125
17:30-17:35	5	19	0	0	23	24	5	6	4	5	29	21	141
17:35-17:40	4	13	1	4	28	15	3	15	3	4	23	7	120
17:40-17:45	9	26	2	1	19	20	5	16	0	7	31	15	151
17:45-17:50	1	16	2	4	26	15	5	19	4	6	23	19	140
17:50-17:55	6	17	0	5	29	15	4	10	3	4	21	16	130
17:55-18:00	7	19	0	1	26	10	4	21	3	9	33	12	145
Total Survey	98	327	43	58	512	374	106	321	76	115	533	325	2888
PHF	.71	.82	.6	.67	.87	.87	.74	.8	.77	.74	.94	.82	.945
% Trucks	2	.9	4.7	5.2	1.8	1.6	4.7	1.6	3.9	.9	1.3	2.8	1.9
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	2	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	33	134	31	23	231	168	47	162	45	41	220	161	1296
16:15-17:15	38	151	29	29	242	191	50	152	36	42	260	145	1365
16:30-17:30	52	150	26	32	251	201	54	150	39	59	270	148	1432
16:45-17:45	57	182	22	31	261	219	58	151	33	64	301	155	1534
17:00-18:00	65	193	12	35	281	206	59	159	31	74	313	164	1592

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
170TH AVENUE AT BANY ROAD



DATE OF COUNT: 06/07/00
DAY OF WEEK: WED
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

BK18

Peak Hour
17:00-18:00
TEV=1592

Traffic Smithy
(503)641-6333

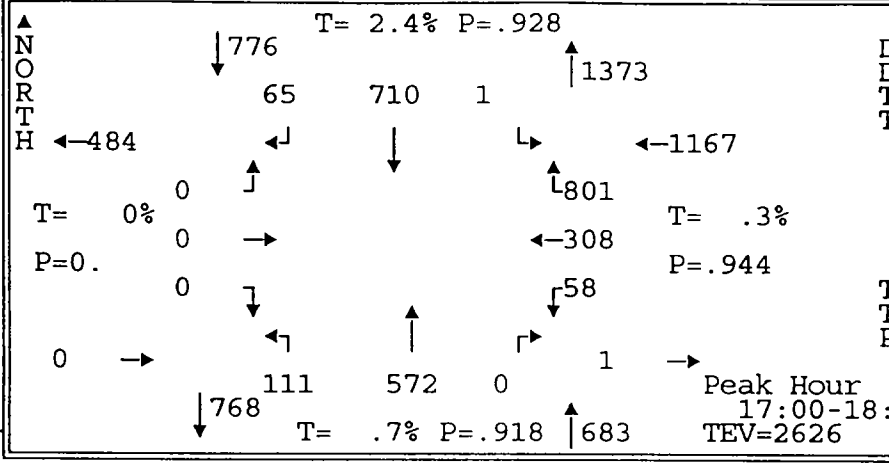
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↓	SOUTH BOUND ←	SOUTH BOUND →	NORTH BOUND ↓	NORTH BOUND ↑	NORTH BOUND →	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	12	44	5	13	60	54	15	36	8	14	80	34	375
17:15-17:30	21	39	2	7	70	53	18	36	6	25	73	40	390
17:30-17:45	18	58	3	5	70	59	13	37	7	16	83	43	412
17:45-18:00	14	52	2	10	81	40	13	50	10	19	77	47	415
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	0	1	0	0	0	1	0	1	0	1	0	4
17:15-17:30	0	0	0	1	1	0	0	0	0	0	0	2	4
17:30-17:45	0	0	0	0	2	1	1	1	0	0	1	0	6
17:45-18:00	1	0	0	0	0	0	0	0	0	0	1	1	3
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	1	1
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	1	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	0	0	0	0
17:15-17:30	0	0	0	0	0
17:30-17:45	0	0	0	0	0
17:45-18:00	0	0	0	0	0

Peak Hour by Movement													
PHF	.77	.83	.6	.67	.87	.87	.82	.8	.77	.74	.94	.87	.959
% Trucks(all)	1.5	0	8.3	2.9	1.1	.5	3.4	1.3	3.2	0	1	2.4	1.2
% Trucks(M+H)	0	0	0	0	0	0	0	.6	0	0	0	.6	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	33	134	31	23	231	168	47	162	45	41	220	161	1296
16:15-17:15	38	151	29	29	242	191	50	152	36	42	260	145	1365
16:30-17:30	52	150	26	32	251	201	54	150	39	59	270	148	1432
16:45-17:45	57	182	22	31	261	219	58	151	33	64	301	155	1534
17:00-18:00	65	193	12	35	281	206	59	159	31	74	313	164	1592

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
BETHANY BOULEVARD AT HIGHWAY 26 WB RAMPS



DATE OF COUNT: 05/31/00
DAY OF WEEK: WED
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

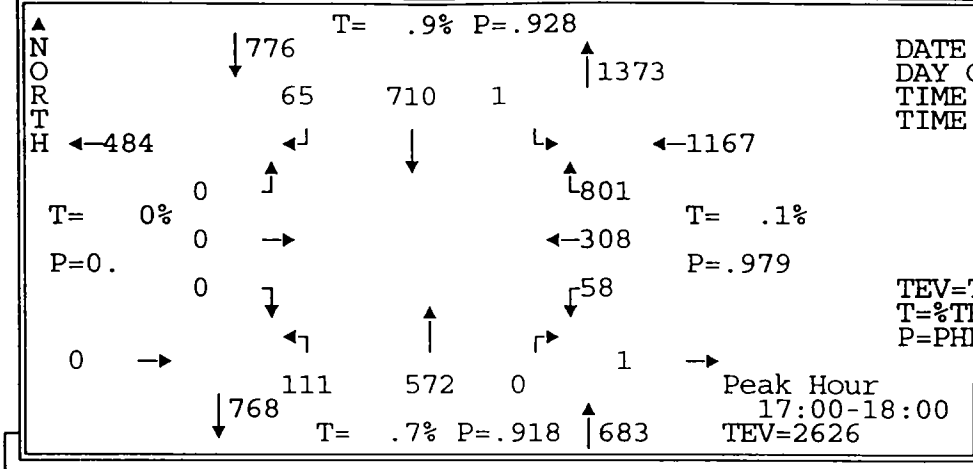
MP51

Peak Hour
17:00-18:00
TEV=2626

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	0	0	0	2	56	0	10	29	0	3	9	50	159
16:05-16:10	0	0	0	1	36	0	12	27	0	3	11	44	134
16:10-16:15	0	0	0	5	56	0	7	26	0	4	27	46	171
16:15-16:20	0	0	0	5	49	0	8	37	0	3	12	56	170
16:20-16:25	0	0	0	4	51	0	11	43	0	2	18	51	180
16:25-16:30	0	0	0	2	44	0	8	24	0	5	19	53	155
16:30-16:35	0	0	0	5	32	0	6	48	0	2	12	49	154
16:35-16:40	0	0	0	4	58	1	8	39	0	4	20	46	180
16:40-16:45	0	0	0	4	43	0	5	33	0	7	22	66	180
16:45-16:50	0	0	0	5	58	0	9	36	0	4	19	50	181
16:50-16:55	0	0	0	2	42	0	5	39	0	6	20	63	177
16:55-17:00	0	0	0	7	51	0	10	40	0	4	19	57	188
17:00-17:05	0	0	0	7	73	0	4	47	0	4	29	67	231
17:05-17:10	0	0	0	3	41	0	15	38	0	8	25	60	190
17:10-17:15	0	0	0	6	71	0	10	46	0	3	17	65	218
17:15-17:20	0	0	0	5	50	0	8	46	0	9	29	71	218
17:20-17:25	0	0	0	7	55	0	11	61	0	5	22	58	219
17:25-17:30	0	0	0	6	60	0	11	47	0	7	29	66	226
17:30-17:35	0	0	0	5	50	0	11	43	0	4	20	72	205
17:35-17:40	0	0	0	7	65	0	6	43	0	0	24	61	206
17:40-17:45	0	0	0	2	54	0	6	44	0	7	30	80	223
17:45-17:50	0	0	0	7	69	1	6	59	0	2	26	58	228
17:50-17:55	0	0	0	4	65	0	11	44	0	6	27	73	230
17:55-18:00	0	0	0	6	57	0	12	54	0	3	30	70	232
Total Survey	0	0	0	111	1286	2	210	993	0	105	516	1432	4655
PHF	0	0	0	.9	.93	.25	.84	.91	0	.69	.93	.94	.951
% Trucks	0	0	0	.9	2.6	0	1.4	.6	0	0	.4	.3	1.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	1	0	0	1	0	0	0	0	
Hourly Totals													
16:00-17:00	0	0	0	46	576	1	99	421	0	47	208	631	2029
16:15-17:15	0	0	0	54	613	1	99	470	0	52	232	683	2204
16:30-17:30	0	0	0	61	634	1	102	520	0	63	263	718	2362
16:45-17:45	0	0	0	62	670	0	106	530	0	61	283	770	2482
17:00-18:00	0	0	0	65	710	1	111	572	0	58	308	801	2626

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
BETHANY BOULEVARD AT HIGHWAY 26 WB RAMPS



DATE OF COUNT: 05/31/00
DAY OF WEEK: WED
TIME STARTED: 16:00
TIME ENDED: 18:00

MP51

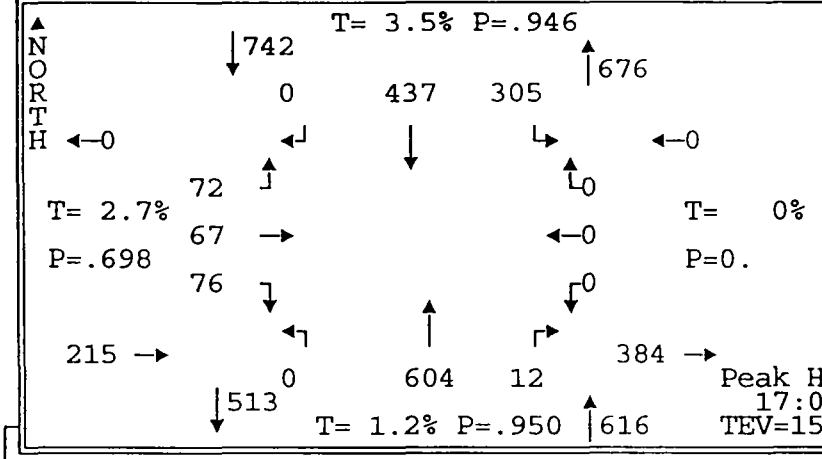
Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↓	SOUTH BOUND ←	SOUTH BOUND ↑	NORTH BOUND ↓	NORTH BOUND →	NORTH BOUND ↑	WEST BOUND ↓	WEST BOUND →	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	0	0	0	16	185	0	29	131	0	15	71	192	639
17:15-17:30	0	0	0	18	165	0	30	154	0	21	80	195	663
17:30-17:45	0	0	0	14	169	0	23	130	0	11	74	213	634
17:45-18:00	0	0	0	17	191	1	29	157	0	11	83	201	690
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	0	0	0	1	0	1	1	0	0	0	0	3
17:15-17:30	0	0	0	0	3	0	1	0	0	0	0	1	5
17:30-17:45	0	0	0	0	1	0	0	2	0	0	0	0	3
17:45-18:00	0	0	0	0	1	0	0	0	0	0	0	0	1
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	1	0	0	0	0	0	0	0	0	1
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	1	0	0	0	0	1

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
17:00-17:15	0	0	1	0	1
17:15-17:30	0	0	0	0	0
17:30-17:45	0	0	0	0	0
17:45-18:00	0	1	0	0	1

Peak Hour by Movement													
PHF	0	0	0	.9	.93	.25	.93	.91	0	.69	.93	.94	.951
% Trucks(all)	0	0	0	1.5	.8	0	1.8	.5	0	0	0	.1	.5
% Trucks(M+H)	0	0	0	1.5	0	0	0	0	0	0	0	0	0
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	0	0	0	46	576	1	99	421	0	47	208	631	2029
16:15-17:15	0	0	0	54	613	1	99	470	0	52	232	683	2204
16:30-17:30	0	0	0	61	634	1	102	520	0	63	263	718	2362
16:45-17:45	0	0	0	62	670	0	106	530	0	61	283	770	2482
17:00-18:00	0	0	0	65	710	1	111	572	0	58	308	801	2626

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
BETHANY BOULEVARD AT HIGHWAY EASTBOUND RAMPS



DATE OF COUNT: 05/30/00
DAY OF WEEK: TUE
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

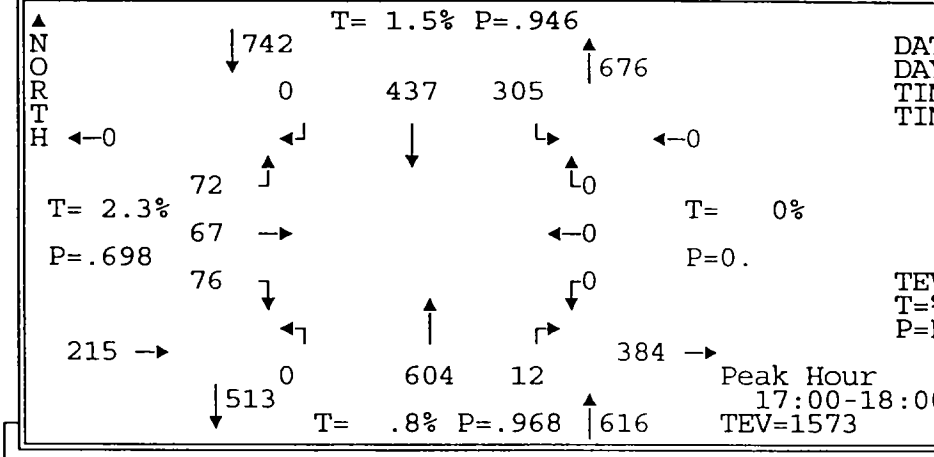
GMAI

Peak Hour
17:00-18:00
TEV=1573

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	WEST BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	5	2	5	0	29	28	0	41	5	0	0	0	115
16:05-16:10	7	3	3	0	24	13	0	29	1	0	0	0	80
16:10-16:15	1	4	4	0	39	22	0	29	0	0	0	0	99
16:15-16:20	2	4	5	0	35	16	0	48	2	0	0	0	112
16:20-16:25	3	9	3	0	28	23	0	42	3	0	0	0	111
16:25-16:30	5	5	2	0	22	27	0	38	1	0	0	0	100
16:30-16:35	3	6	6	0	24	11	0	38	0	0	0	0	88
16:35-16:40	3	6	5	0	34	26	0	41	2	0	0	0	117
16:40-16:45	8	5	13	0	36	15	0	33	2	0	0	0	112
16:45-16:50	6	4	4	0	41	19	0	34	3	0	0	0	111
16:50-16:55	6	1	5	0	31	16	0	50	2	0	0	0	111
16:55-17:00	4	4	1	0	31	24	0	38	2	0	0	0	104
17:00-17:05	3	5	3	0	45	30	0	50	0	0	0	0	136
17:05-17:10	4	8	2	0	28	20	0	55	2	0	0	0	119
17:10-17:15	5	1	5	0	46	27	0	44	2	0	0	0	130
17:15-17:20	7	5	6	0	34	24	0	59	0	0	0	0	135
17:20-17:25	7	13	13	0	33	20	0	47	0	0	0	0	133
17:25-17:30	7	8	11	0	37	31	0	47	0	0	0	0	141
17:30-17:35	8	6	2	0	37	17	0	52	2	0	0	0	124
17:35-17:40	6	3	6	0	35	29	0	40	2	0	0	0	121
17:40-17:45	10	6	5	0	38	21	0	54	1	0	0	0	135
17:45-17:50	4	5	6	0	34	29	0	48	1	0	0	0	127
17:50-17:55	5	4	5	0	40	29	0	53	1	0	0	0	137
17:55-18:00	10	3	8	0	30	28	0	55	1	0	0	0	135
Total Survey	129	120	128	0	811	545	0	1065	35	0	0	0	2833
PHF	.79	.62	.6	0	.92	.89	0	.96	.6	0	0	0	.961
% Trucks	2.3	1.7	3.9	0	2.5	5.1	0	1	5.7	0	0	0	2.5
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	1	0	0	0	0	
Hourly Totals													
16:00-17:00	53	53	56	0	374	240	0	461	23	0	0	0	1260
16:15-17:15	52	58	54	0	401	254	0	511	21	0	0	0	1351
16:30-17:30	63	66	74	0	420	263	0	536	15	0	0	0	1437
16:45-17:45	73	64	63	0	436	278	0	570	16	0	0	0	1500
17:00-18:00	76	67	72	0	437	305	0	604	12	0	0	0	1573

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
BETHANY BOULEVARD AT HIGHWAY EASTBOUND RAMPS



DATE OF COUNT: 05/30/00
DAY OF WEEK: TUE
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

GMAI

Peak Hour
17:00-18:00
TEV=1573

Traffic Smithy
(503)641-6333

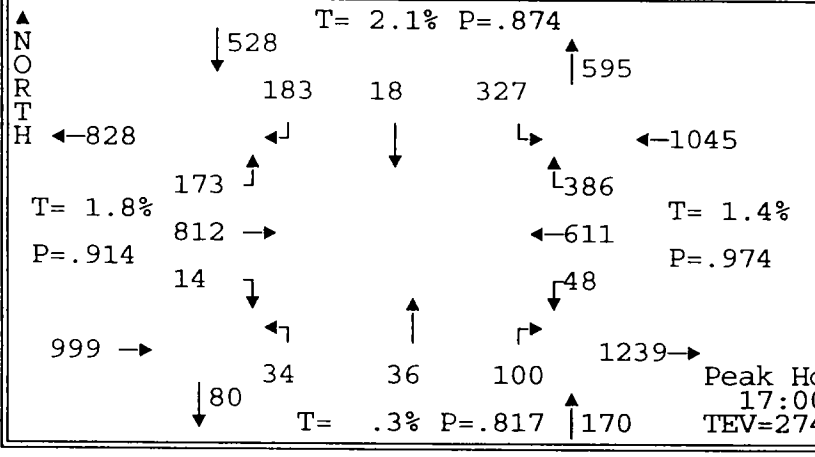
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↓	SOUTH BOUND ←	SOUTH BOUND ↑	NORTH BOUND ↓	NORTH BOUND →	NORTH BOUND ↑	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	12	14	10	0	119	77	0	149	4	0	0	0	385
17:15-17:30	21	26	30	0	104	75	0	153	0	0	0	0	409
17:30-17:45	24	15	13	0	110	67	0	146	5	0	0	0	380
17:45-18:00	19	12	19	0	104	86	0	156	3	0	0	0	399
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	0	0	0	1	1	0	3	0	0	0	0	5
17:15-17:30	0	0	2	0	1	3	0	0	0	0	0	0	6
17:30-17:45	0	1	1	0	2	1	0	1	0	0	0	0	6
17:45-18:00	0	0	0	0	1	1	0	1	0	0	0	0	3
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	1	0	0	0	0	0	0	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	1	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
17:00-17:15	0	0	0	0	0
17:15-17:30	0	0	1	0	1
17:30-17:45	0	0	0	0	0
17:45-18:00	0	0	0	0	0

Peak Hour by Movement	↓	→	↑	↓	←	↑	↓	→	↑	↓	←	↑	
PHF	.79	.64	.6	0	.92	.89	0	.97	.6	0	0	0	.961
% Trucks(all)	0	3	4.2	0	1.1	2	0	.8	0	0	0	0	1.3
% Trucks(M+H)	0	1.5	0	0	0	0	0	0	0	0	0	0	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	53	53	56	0	374	240	0	461	23	0	0	0	1260
16:15-17:15	52	58	54	0	401	254	0	511	21	0	0	0	1351
16:30-17:30	63	66	74	0	420	263	0	536	15	0	0	0	1437
16:45-17:45	73	64	63	0	436	278	0	570	16	0	0	0	1500
17:00-18:00	76	67	72	0	437	305	0	604	12	0	0	0	1573

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CORNELL ROAD AT BETHANY BOULEVARD



DATE OF COUNT: 06/06/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

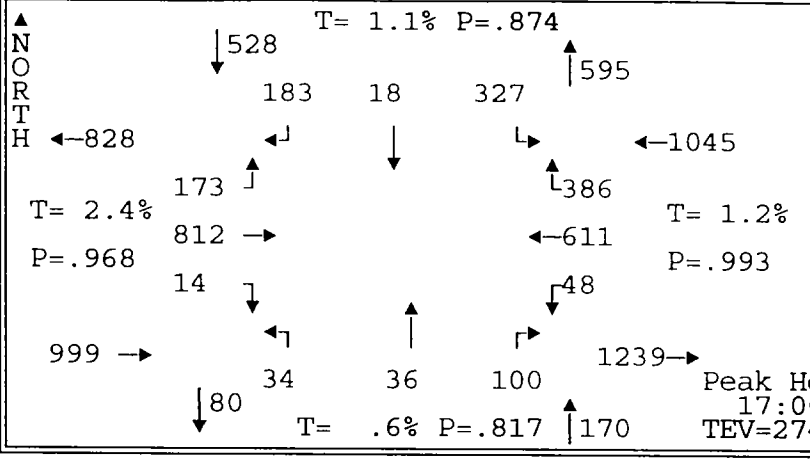
TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

gmaq

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↰	ALL
16:00-16:05	3	77	4	22	1	31	3	1	8	10	49	22	231
16:05-16:10	0	65	9	11	1	19	1	2	12	4	52	34	210
16:10-16:15	1	41	10	10	1	36	3	2	7	7	45	16	179
16:15-16:20	0	47	9	12	2	31	2	2	2	6	60	37	210
16:20-16:25	2	66	10	14	1	21	3	3	8	3	58	31	220
16:25-16:30	1	54	9	18	2	40	3	1	6	3	50	22	209
16:30-16:35	0	36	11	16	0	25	3	2	3	2	59	36	193
16:35-16:40	1	63	7	13	2	28	4	0	4	6	51	28	207
16:40-16:45	2	42	7	18	3	34	2	2	5	4	56	31	206
16:45-16:50	2	65	10	15	1	21	1	0	1	10	63	29	218
16:50-16:55	0	63	11	16	5	25	2	1	9	10	57	22	221
16:55-17:00	2	73	15	16	2	12	1	5	11	3	51	28	219
17:00-17:05	1	62	9	8	2	29	5	5	8	2	49	29	209
17:05-17:10	0	68	26	10	0	28	3	6	12	8	48	33	242
17:10-17:15	2	81	9	11	0	28	2	3	8	3	59	30	236
17:15-17:20	0	61	20	13	3	21	4	1	9	3	48	29	212
17:20-17:25	2	85	13	14	2	17	3	4	7	4	51	34	236
17:25-17:30	1	51	19	19	0	30	5	2	9	8	50	31	225
17:30-17:35	3	61	10	16	2	29	2	1	11	3	46	33	217
17:35-17:40	3	54	13	12	3	26	5	2	10	2	47	36	213
17:40-17:45	1	85	14	24	3	27	0	0	5	1	58	37	255
17:45-17:50	1	76	12	11	0	22	1	3	8	5	42	40	221
17:50-17:55	0	65	18	20	3	33	1	5	8	5	52	27	237
17:55-18:00	0	63	10	25	0	37	3	4	5	4	61	27	239
Total Survey	28	1504	285	364	39	650	62	57	176	116	1262	722	5265
PHF	.5	.89	.79	.82	.56	.89	.71	.64	.83	.8	.97	.85	.961
% Trucks	3.6	1.9	1.1	1.4	2.6	2.5	0	1.8	0	.9	1.7	1	1.6
Stopped Buses	0	1	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	14	692	112	181	21	323	28	21	76	68	651	336	2523
16:15-17:15	13	720	133	167	20	322	31	30	77	60	661	356	2590
16:30-17:30	13	750	157	169	20	298	35	31	86	63	642	360	2624
16:45-17:45	17	809	169	174	23	293	33	30	100	57	627	371	2703
17:00-18:00	14	812	173	183	18	327	34	36	100	48	611	386	2742

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
CORNELL ROAD AT BETHANY BOULEVARD



DATE OF COUNT: 06/06/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

gmaq

Peak Hour
17:00-18:00
TEV=2742

Traffic Smithy
(503)641-6333

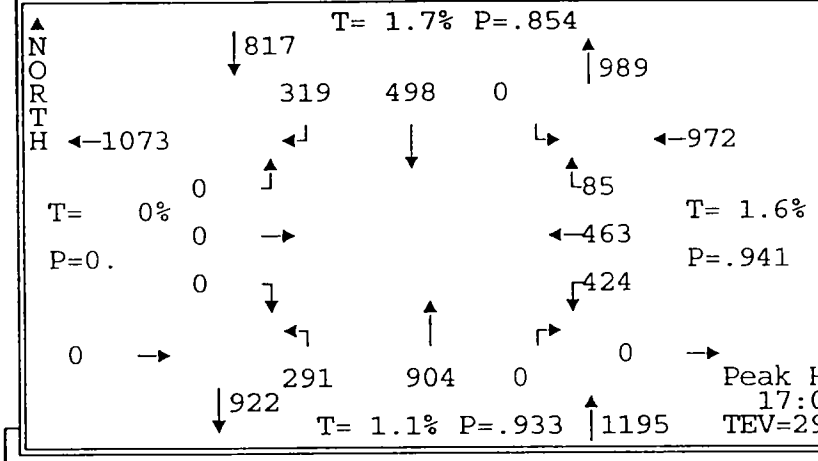
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ←	SOUTH BOUND ↓	SOUTH BOUND →	NORTH BOUND ←	NORTH BOUND ↑	NORTH BOUND →	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	3	211	44	29	2	85	10	14	28	13	156	92	687
17:15-17:30	3	197	52	46	5	68	12	7	25	15	149	94	673
17:30-17:45	7	200	37	52	8	82	7	3	26	6	151	106	685
17:45-18:00	1	204	40	56	3	92	5	12	21	14	155	94	697
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	6	0	0	0	0	0	0	0	1	2	1	10
17:15-17:30	0	6	2	1	0	3	0	0	0	0	2	0	14
17:30-17:45	0	4	1	0	0	0	0	0	0	0	0	2	7
17:45-18:00	0	1	0	0	0	1	0	0	0	0	4	0	6
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	2	0	0	0	0	0	0	0	0	0	0	2
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	1	0	0	0	0	0	0	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	1	0	0	0	0	1
17:15-17:30	0	0	0	0	0	1	0	0	0	0	1	0	2
17:30-17:45	0	1	0	0	0	0	0	0	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	0	0	0	0
17:15-17:30	0	0	0	0	0
17:30-17:45	0	0	0	0	0
17:45-18:00	0	0	0	0	0

Peak Hour by Movement													
PHF	.5	.96	.83	.82	.56	.89	.71	.64	.89	.8	.98	.91	.983
% Trucks(all)	0	2.6	1.7	.5	0	1.5	0	2.8	0	2.1	1.5	.8	1.6
% Trucks(M+H)	0	.5	0	0	0	.3	0	2.8	0	0	.2	0	.3
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	14	692	112	181	21	323	28	21	76	68	651	336	2523
16:15-17:15	13	720	133	167	20	322	31	30	77	60	661	356	2590
16:30-17:30	13	750	157	169	20	298	35	31	86	63	642	360	2624
16:45-17:45	17	809	169	174	23	293	33	30	100	57	627	371	2703
17:00-18:00	14	812	173	183	18	327	34	36	100	48	611	386	2742

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CORNELL ROAD AT US 26 WESTBOUND RAMPS



DATE OF COUNT: 5/31/00
DAY OF WEEK: wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

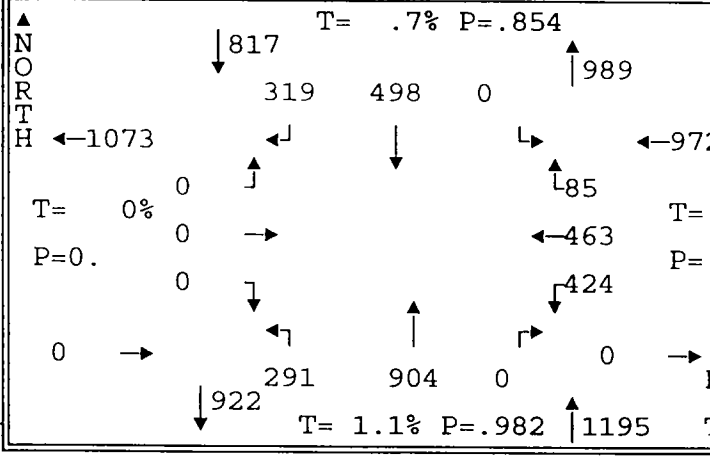
gmav

Peak Hour
17:00-18:00
TEV=2984

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	0	0	0	20	39	0	8	42	0	35	31	10	185
16:05-16:10	0	0	0	28	46	0	7	44	0	38	27	9	199
16:10-16:15	0	0	0	21	39	0	15	45	0	39	39	8	206
16:15-16:20	0	0	0	19	46	0	14	68	0	32	33	10	222
16:20-16:25	0	0	0	28	30	0	9	50	0	33	39	11	200
16:25-16:30	0	0	0	17	33	0	17	73	0	35	34	9	218
16:30-16:35	0	0	0	26	54	0	9	60	0	38	28	9	224
16:35-16:40	0	0	0	18	39	0	14	53	0	38	35	10	207
16:40-16:45	0	0	0	32	45	0	19	73	0	28	43	7	247
16:45-16:50	0	0	0	27	40	0	18	66	0	38	29	9	227
16:50-16:55	0	0	0	25	46	0	18	76	1	34	43	11	254
16:55-17:00	0	0	0	38	46	0	17	70	0	32	31	4	238
17:00-17:05	0	0	0	20	31	0	21	64	0	38	45	9	228
17:05-17:10	0	0	0	27	55	0	29	83	0	38	33	6	271
17:10-17:15	0	0	0	26	41	0	25	69	0	35	41	7	244
17:15-17:20	0	0	0	22	39	0	27	87	0	27	32	6	240
17:20-17:25	0	0	0	32	47	0	23	75	0	44	38	8	267
17:25-17:30	0	0	0	17	34	0	25	64	0	43	38	12	233
17:30-17:35	0	0	0	23	37	0	30	93	0	26	42	7	258
17:35-17:40	0	0	0	23	37	0	21	71	0	37	35	8	232
17:40-17:45	0	0	0	37	30	0	16	73	0	24	49	7	236
17:45-17:50	0	0	0	30	50	0	27	79	0	29	27	2	244
17:50-17:55	0	0	0	30	44	0	22	62	0	39	45	6	248
17:55-18:00	0	0	0	32	53	0	25	84	0	44	38	7	283
Total Survey	0	0	0	618	1001	0	456	1624	1	844	875	192	5611
PHF	0	0	0	.82	.85	0	.9	.95	0	.93	.92	.79	.962
% Trucks	0	0	0	1.5	1.9	0	.7	1.2	0	2.5	.6	2.1	1.4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	3	0	0	6	0	0	0	0	
Hourly Totals													
16:00-17:00	0	0	0	299	503	0	165	720	1	420	412	107	2627
16:15-17:15	0	0	0	303	506	0	210	805	1	419	434	102	2780
16:30-17:30	0	0	0	310	517	0	245	840	1	433	436	98	2880
16:45-17:45	0	0	0	317	483	0	270	891	1	416	456	94	2928
17:00-18:00	0	0	0	319	498	0	291	904	0	424	463	85	2984

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
CORNELL ROAD AT US 26 WESTBOUND RAMPS



DATE OF COUNT: 5/31/00
DAY OF WEEK: wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

gmav

Peak Hour
17:00-18:00
TEV=2984

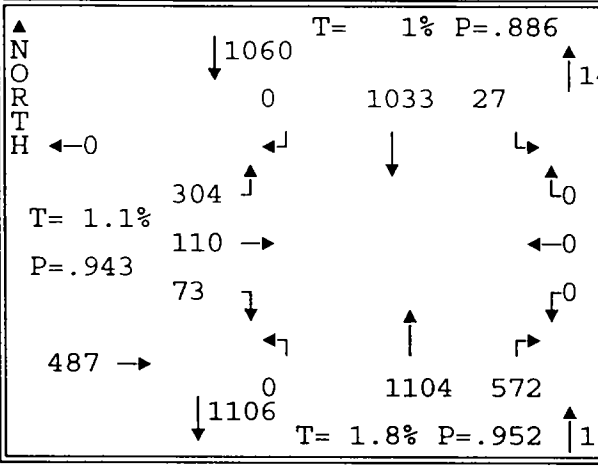
Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↙	SOUTH BOUND ↓	SOUTH BOUND ↘	NORTH BOUND ↖	NORTH BOUND ↑	NORTH BOUND ↗	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	0	0	0	73	127	0	75	216	0	111	119	22	743
17:15-17:30	0	0	0	71	120	0	75	226	0	114	108	26	740
17:30-17:45	0	0	0	83	104	0	67	237	0	87	126	22	726
17:45-18:00	0	0	0	92	147	0	74	225	0	112	110	15	775
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	8	0	0	1	0	9
17:15-17:30	0	0	0	1	2	0	0	0	0	2	1	0	6
17:30-17:45	0	0	0	1	0	0	0	2	0	2	0	1	6
17:45-18:00	0	0	0	0	1	0	0	1	0	3	2	0	7
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	1	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	1	0	0	0	0	1	0	0	2
17:30-17:45	0	0	0	0	0	0	0	1	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	1	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	0	0	0	0
17:15-17:30	0	0	0	0	0
17:30-17:45	0	1	1	0	2
17:45-18:00	0	1	1	0	2

Peak Hour by Movement													
PHF	0	0	0	.87	.85	0	.97	.95	0	.93	.92	.82	.962
% Trucks(all)	0	0	0	.6	.8	0	0	1.4	0	1.9	.9	1.2	1.1
% Trucks(M+H)	0	0	0	0	.2	0	0	.2	0	.2	0	0	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	0	0	0	299	503	0	165	720	1	420	412	107	2627
16:15-17:15	0	0	0	303	506	0	210	805	1	419	434	102	2780
16:30-17:30	0	0	0	310	517	0	245	840	1	433	436	98	2880
16:45-17:45	0	0	0	317	483	0	270	891	1	416	456	94	2928
17:00-18:00	0	0	0	319	498	0	291	904	0	424	463	85	2984

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CORNELL ROAD AT HIGHWAY 26 EB RAMPS



DATE OF COUNT: 06/22/00
DAY OF WEEK: THU
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

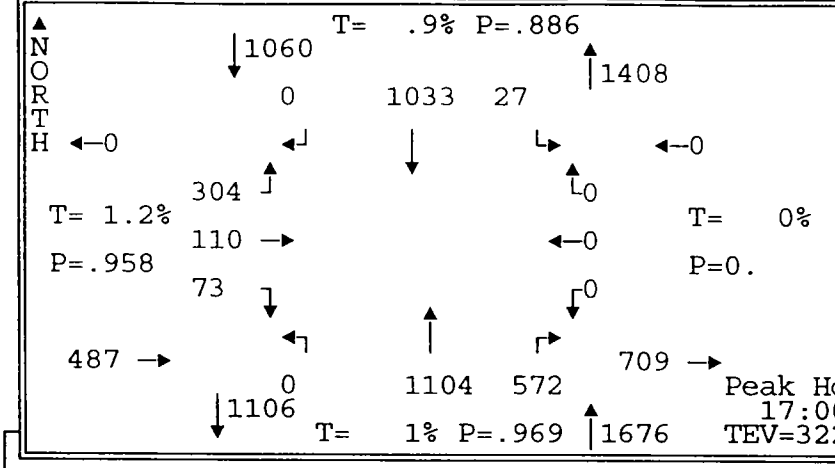
MP50

Peak Hour
17:00-18:00
TEV=3223

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	WEST BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	3	8	14	0	74	3	0	64	31	0	0	0	197
16:05-16:10	3	10	24	0	71	3	0	38	31	0	0	0	180
16:10-16:15	2	10	19	0	74	0	0	73	36	0	0	0	214
16:15-16:20	3	11	18	0	78	3	0	53	38	0	0	0	204
16:20-16:25	4	9	17	0	84	3	0	57	46	0	0	0	220
16:25-16:30	2	10	16	0	72	5	0	57	28	0	0	0	190
16:30-16:35	2	4	21	0	89	3	0	57	52	0	0	0	228
16:35-16:40	8	7	21	0	84	1	0	81	49	0	0	0	251
16:40-16:45	6	9	28	0	57	4	0	65	36	0	0	0	205
16:45-16:50	13	5	28	0	89	2	0	72	35	0	0	0	244
16:50-16:55	14	4	29	0	58	0	0	82	27	0	0	0	214
16:55-17:00	9	9	23	0	89	3	0	66	26	0	0	0	225
17:00-17:05	10	8	30	0	87	0	0	110	40	0	0	0	285
17:05-17:10	6	12	26	0	68	0	0	79	54	0	0	0	245
17:10-17:15	3	10	13	0	89	1	0	95	30	0	0	0	241
17:15-17:20	3	8	23	0	74	2	0	109	45	0	0	0	264
17:20-17:25	2	11	29	0	75	4	0	75	49	0	0	0	245
17:25-17:30	2	12	25	0	91	0	0	104	50	0	0	0	284
17:30-17:35	3	10	27	0	93	5	0	80	48	0	0	0	266
17:35-17:40	14	9	17	0	82	7	0	95	59	0	0	0	283
17:40-17:45	10	8	29	0	82	1	0	94	43	0	0	0	267
17:45-17:50	5	11	23	0	108	3	0	85	64	0	0	0	299
17:50-17:55	9	7	27	0	85	2	0	96	51	0	0	0	277
17:55-18:00	6	4	35	0	99	2	0	82	39	0	0	0	267
Total Survey	142	206	562	0	1952	57	0	1869	1007	0	0	0	5795
PHF	.63	.83	.89	0	.88	.52	0	.96	.86	0	0	0	.949
% Trucks	.7	1.5	1.1	0	1	1.8	0	.9	3.6	0	0	0	1.4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	3	0	0	1	0	0	0	0	
Hourly Totals													
16:00-17:00	69	96	258	0	919	30	0	765	435	0	0	0	2572
16:15-17:15	80	98	270	0	944	25	0	874	461	0	0	0	2752
16:30-17:30	78	99	296	0	950	20	0	995	493	0	0	0	2931
16:45-17:45	89	106	299	0	977	25	0	1061	506	0	0	0	3063
17:00-18:00	73	110	304	0	1033	27	0	1104	572	0	0	0	3223

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
CORNELL ROAD AT HIGHWAY 26 EB RAMPS



DATE OF COUNT: 06/22/00
DAY OF WEEK: THU
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

MP50

Peak Hour
17:00-18:00
TEV=3223

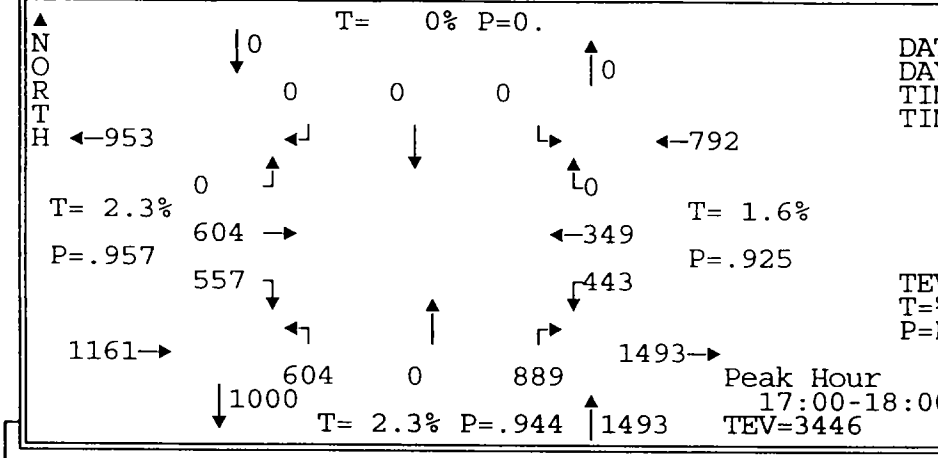
Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	19	30	69	0	244	1	0	284	124	0	0	0	771
17:15-17:30	7	31	77	0	240	6	0	288	144	0	0	0	793
17:30-17:45	27	27	73	0	257	13	0	269	150	0	0	0	816
17:45-18:00	20	22	85	0	292	7	0	263	154	0	0	0	843
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	1	0	0	3	0	0	1	0	0	0	0	5
17:15-17:30	0	1	1	0	3	0	0	2	1	0	0	0	8
17:30-17:45	1	0	1	0	1	0	0	1	4	0	0	0	8
17:45-18:00	0	0	1	0	1	1	0	3	0	0	0	0	6
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	1	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	1	0	0	0	1
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	3	0	0	0	3
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	1	0	0	0	1
BICYCLES													
17:00-17:15	0	0	0	0	1	0	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	1	0	0	3	0	0	0	0	4

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
17:00-17:15	0	1	0	0	1
17:15-17:30	0	1	0	0	1
17:30-17:45	0	0	0	0	0
17:45-18:00	0	0	1	0	1

Peak Hour by Movement													
PHF	.68	.89	.89	0	.88	.52	0	.96	.93	0	0	0	.955
% Trucks(all)	1.4	1.8	1	0	.9	3.7	0	.6	1.7	0	0	0	1
% Trucks(M+H)	0	0	0	0	.1	0	0	0	.9	0	0	0	.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	69	96	258	0	919	30	0	765	435	0	0	0	2572
16:15-17:15	80	98	270	0	944	25	0	874	461	0	0	0	2752
16:30-17:30	78	99	296	0	950	20	0	995	493	0	0	0	2931
16:45-17:45	89	106	299	0	977	25	0	1061	506	0	0	0	3063
17:00-18:00	73	110	304	0	1033	27	0	1104	572	0	0	0	3223

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
158TH AVENUE AT CORNELL ROAD



DATE OF COUNT: 06/06/00
DAY OF WEEK: TUE
TIME STARTED: 16:00
TIME ENDED: 18:00

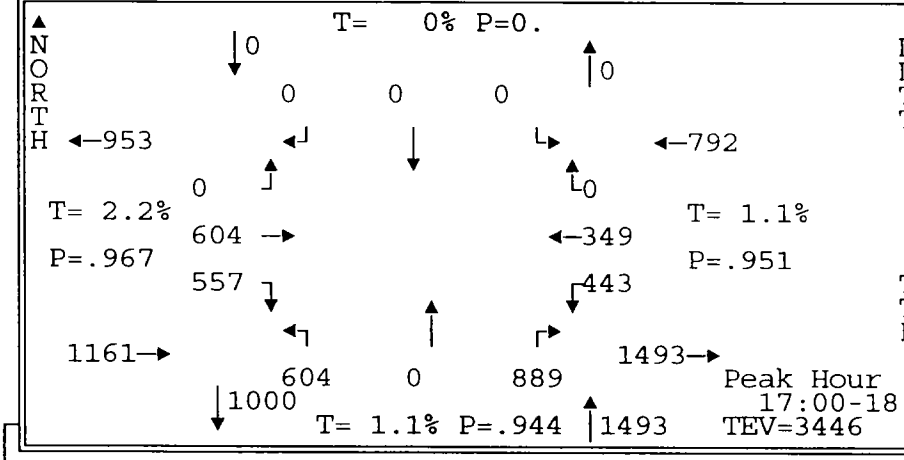
TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

GMBD

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	49	26	0	0	0	0	46	0	46	30	26	0	223
16:05-16:10	53	54	0	0	0	0	35	0	55	38	43	0	278
16:10-16:15	41	42	0	0	0	0	44	0	64	23	31	0	245
16:15-16:20	50	40	0	0	0	0	52	0	75	51	40	0	308
16:20-16:25	45	49	0	0	0	0	45	0	56	23	33	0	251
16:25-16:30	57	22	0	0	0	0	58	0	42	42	27	0	248
16:30-16:35	48	36	0	0	0	0	41	0	51	23	19	0	218
16:35-16:40	49	32	0	0	0	0	45	0	59	23	36	0	244
16:40-16:45	52	37	0	0	0	0	44	0	62	32	41	0	268
16:45-16:50	40	45	0	0	0	0	52	0	49	30	36	0	252
16:50-16:55	46	44	0	0	0	0	43	0	57	38	43	0	271
16:55-17:00	38	58	0	0	0	0	27	0	22	30	37	0	212
17:00-17:05	37	49	0	0	0	0	58	0	70	34	34	0	282
17:05-17:10	49	56	0	0	0	0	48	0	83	45	27	0	308
17:10-17:15	48	58	0	0	0	0	55	0	81	28	26	0	296
17:15-17:20	49	43	0	0	0	0	48	0	78	35	26	0	279
17:20-17:25	49	55	0	0	0	0	42	0	71	38	40	0	295
17:25-17:30	31	41	0	0	0	0	75	0	77	35	23	0	282
17:30-17:35	56	52	0	0	0	0	45	0	68	38	26	0	285
17:35-17:40	36	56	0	0	0	0	54	0	69	31	32	0	278
17:40-17:45	56	40	0	0	0	0	48	0	90	55	26	0	315
17:45-17:50	57	56	0	0	0	0	37	0	69	28	42	0	289
17:50-17:55	47	39	0	0	0	0	57	0	81	29	17	0	270
17:55-18:00	42	59	0	0	0	0	37	0	52	47	30	0	267
Total Survey	1125	1089	0	0	0	0	1136	0	1527	826	761	0	6464
PHF	.87	.93	0	0	0	0	.87	0	.92	.89	.87	0	.972
% Trucks	1.6	2.9	0	0	0	0	1.4	0	2.9	1.1	2.2	0	2.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	568	485	0	0	0	0	532	0	638	383	412	0	3018
16:15-17:15	559	526	0	0	0	0	568	0	707	399	399	0	3158
16:30-17:30	536	554	0	0	0	0	578	0	760	391	388	0	3207
16:45-17:45	535	597	0	0	0	0	595	0	815	437	376	0	3355
17:00-18:00	557	604	0	0	0	0	604	0	889	443	349	0	3446

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
158TH AVENUE AT CORNELL ROAD



DATE OF COUNT: 06/06/00
DAY OF WEEK: TUE
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

GMBD

Peak Hour
17:00-18:00
TEV=3446

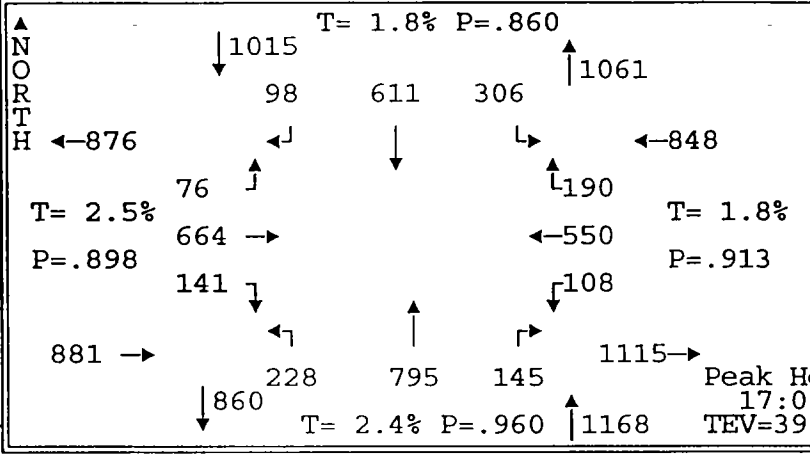
Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↱	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↳	ALL
ALL VEHICLES													
17:00-17:15	134	163	0	0	0	0	161	0	234	107	87	0	886
17:15-17:30	129	139	0	0	0	0	165	0	226	108	89	0	856
17:30-17:45	148	148	0	0	0	0	147	0	227	124	84	0	878
17:45-18:00	146	154	0	0	0	0	131	0	202	104	89	0	826
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	1	4	0	0	0	0	5	0	1	0	0	0	11
17:15-17:30	3	3	0	0	0	0	0	0	3	0	2	0	11
17:30-17:45	1	5	0	0	0	0	3	0	0	1	0	0	10
17:45-18:00	1	1	0	0	0	0	0	0	0	0	3	0	5
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	3	0	0	0	0	0	0	0	0	0	0	3
17:15-17:30	0	1	0	0	0	0	0	0	0	0	0	0	1
17:30-17:45	0	1	0	0	0	0	0	0	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	2	0	0	0	2
17:15-17:30	1	0	0	0	0	0	0	0	0	0	1	0	2
17:30-17:45	0	1	0	0	0	0	0	0	0	0	1	0	2
17:45-18:00	0	0	0	0	0	0	0	0	3	1	0	0	4
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
17:00-17:15	0	0	0	0	0
17:15-17:30	0	0	0	0	0
17:30-17:45	0	0	0	0	0
17:45-18:00	0	0	0	0	0

Peak Hour by Movement													
PHF	.94	.93	0	0	0	0	.92	0	.95	.89	.98	0	.972
% Trucks(all)	1.3	3.1	0	0	0	0	1.3	0	1	.5	2	0	1.5
% Trucks(M+H)	.2	1	0	0	0	0	0	0	.6	.2	.6	0	.4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	568	485	0	0	0	0	532	0	638	383	412	0	3018
16:15-17:15	559	526	0	0	0	0	568	0	707	399	399	0	3158
16:30-17:30	536	554	0	0	0	0	578	0	760	391	388	0	3207
16:45-17:45	535	597	0	0	0	0	595	0	815	437	376	0	3355
17:00-18:00	557	604	0	0	0	0	604	0	889	443	349	0	3446

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
158TH AVENUE AT WALKER ROAD



DATE OF COUNT: 6/6/00
DAY OF WEEK: TUE
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

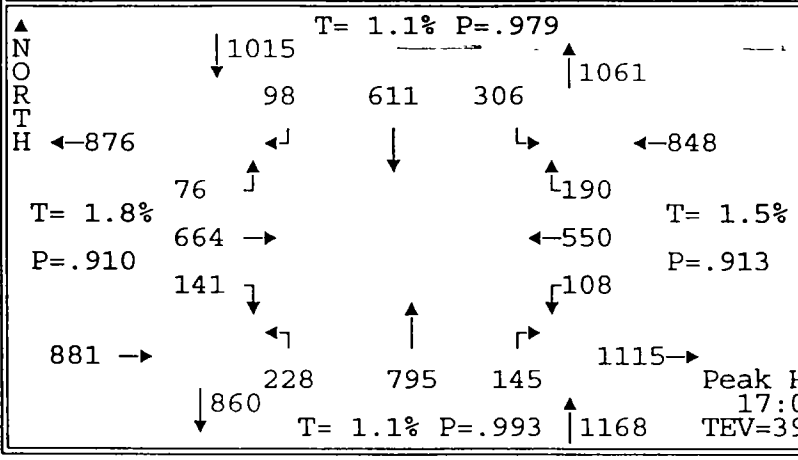
gmbg

Peak Hour
17:00-18:00
TEV=3912

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	14	33	9	3	50	26	12	48	8	10	50	13	276
16:05-16:10	14	40	3	3	54	23	22	47	12	13	35	11	277
16:10-16:15	16	55	9	7	56	15	21	41	9	16	40	11	296
16:15-16:20	7	53	0	5	48	30	9	31	10	8	62	11	274
16:20-16:25	10	49	4	2	36	28	26	50	5	9	34	16	269
16:25-16:30	5	33	6	6	50	27	21	50	15	12	37	12	274
16:30-16:35	9	48	6	6	30	30	15	40	9	6	43	13	255
16:35-16:40	6	38	4	4	43	23	17	48	18	10	41	10	262
16:40-16:45	10	26	4	6	43	23	20	42	13	8	48	18	261
16:45-16:50	8	59	2	2	42	26	19	53	12	4	54	10	291
16:50-16:55	19	68	9	6	53	27	23	41	12	4	48	21	331
16:55-17:00	13	49	8	6	44	24	23	54	11	6	46	7	291
17:00-17:05	5	36	7	5	36	21	16	61	10	13	43	12	265
17:05-17:10	12	70	2	7	57	36	24	74	5	1	52	19	359
17:10-17:15	9	59	5	8	57	25	23	68	12	2	44	19	331
17:15-17:20	16	61	5	0	40	29	23	59	8	14	49	18	322
17:20-17:25	17	58	5	18	63	15	12	85	14	12	56	14	369
17:25-17:30	15	56	8	11	50	26	18	60	8	8	47	14	321
17:30-17:35	10	32	9	9	71	32	20	69	13	14	36	11	326
17:35-17:40	11	50	4	2	44	32	19	70	15	6	46	12	311
17:40-17:45	7	66	4	11	34	24	24	52	12	11	49	19	313
17:45-17:50	9	71	9	4	52	23	17	62	9	8	49	16	329
17:50-17:55	17	56	6	9	53	21	11	73	21	8	40	11	326
17:55-18:00	13	49	12	14	54	22	21	62	18	11	39	25	340
Total Survey	272	1215	140	154	1160	608	456	1340	279	214	1088	343	7269
PHF	.73	.86	.7	.64	.83	.85	.81	.93	.76	.79	.9	.85	.956
% Trucks	1.5	2.6	3.6	1.9	2.2	1	.4	3.3	1.4	2.3	1.6	2.3	2.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	11	0	0	19	0	0	6	0	0	4	0	
Hourly Totals													
16:00-17:00	131	551	64	56	549	302	228	545	134	106	538	153	3357
16:15-17:15	113	588	57	63	539	320	236	612	132	83	552	168	3463
16:30-17:30	139	628	65	79	558	305	233	685	132	88	571	175	3658
16:45-17:45	142	664	68	85	591	317	244	746	132	95	570	176	3830
17:00-18:00	141	664	76	98	611	306	228	795	145	108	550	190	3912

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
158TH AVENUE AT WALKER ROAD



DATE OF COUNT: 6/6/00
DAY OF WEEK: TUE
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

gmbg

Peak Hour
17:00-18:00
TEV=3912

Traffic Smithy
(503)641-6333

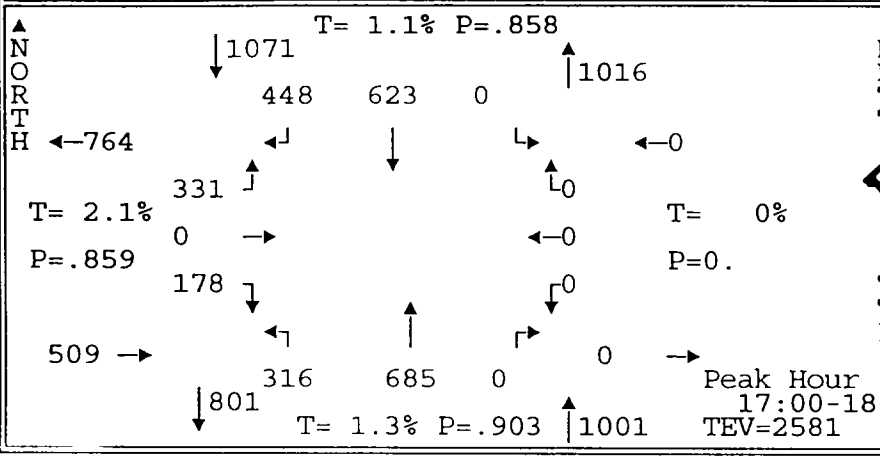
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↓	SOUTH BOUND ←	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	26	165	14	20	150	82	63	203	27	16	139	50	955
17:15-17:30	48	175	18	29	153	70	53	204	30	34	152	46	1012
17:30-17:45	28	148	17	22	149	88	63	191	40	31	131	42	950
17:45-18:00	39	176	27	27	159	66	49	197	48	27	128	52	995
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	4	1	0	2	0	0	2	0	0	1	1	11
17:15-17:30	0	3	0	0	3	1	0	1	0	2	2	0	12
17:30-17:45	2	3	0	0	2	0	0	2	0	0	2	0	11
17:45-18:00	0	1	1	0	1	0	0	0	1	1	2	1	8
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	1	0	0	0	0	1
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	1	0	0	0	0	0	1	0	0	0	1	3
17:15-17:30	0	0	0	0	1	0	1	0	1	0	0	0	3
17:30-17:45	0	0	0	0	0	0	0	1	0	0	0	0	1
17:45-18:00	0	0	0	0	1	0	0	2	0	0	0	0	3
BICYCLES													
17:00-17:15	0	0	1	0	0	0	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	1	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	1	0	0	0	0	1
17:45-18:00	0	1	0	0	0	0	0	2	0	0	0	1	4

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
17:00-17:15	1	2	1	0	4
17:15-17:30	1	2	0	0	3
17:30-17:45	3	3	2	0	8
17:45-18:00	0	2	0	0	2

Peak Hour by Movement													
PHF	.73	.94	.7	.84	.96	.87	.9	.97	.76	.79	.9	.91	.966
% Trucks(all)	1.4	1.8	2.6	0	1.6	.3	.4	1.3	1.4	2.8	1.3	1.6	1.4
% Trucks(M+H)	0	.2	0	0	.3	0	.4	.6	.7	0	0	.5	.3
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	131	551	64	56	549	302	228	545	134	106	538	153	3357
16:15-17:15	113	588	57	63	539	320	236	612	132	83	552	168	3463
16:30-17:30	139	628	65	79	558	305	233	685	132	88	571	175	3658
16:45-17:45	142	664	68	85	591	317	244	746	132	95	570	176	3830
17:00-18:00	141	664	76	98	611	306	228	795	145	108	550	190	3912

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
143RD AVENUE AT CORNELL ROAD

27495



DATE OF COUNT: 5/31/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

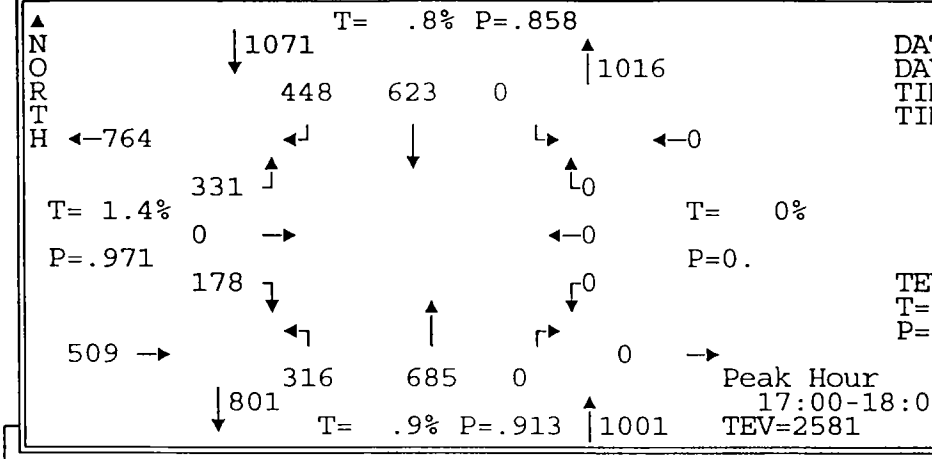
tbde

Peak Hour
17:00-18:00
TEV=2581

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	11	0	22	33	49	0	16	41	0	0	0	0	172
16:05-16:10	14	0	24	27	39	0	23	35	0	0	0	0	162
16:10-16:15	11	0	29	25	50	0	18	43	0	0	0	0	176
16:15-16:20	21	0	27	36	42	0	19	50	0	0	0	0	195
16:20-16:25	9	0	29	28	50	0	15	36	0	0	0	0	167
16:25-16:30	11	0	28	38	25	0	8	48	0	0	0	0	158
16:30-16:35	18	0	28	37	53	0	22	61	0	0	0	0	219
16:35-16:40	18	0	21	34	53	0	25	56	0	0	0	0	207
16:40-16:45	7	0	22	34	64	0	21	42	0	0	0	0	190
16:45-16:50	12	0	15	47	57	0	20	70	0	0	0	0	221
16:50-16:55	13	0	35	38	55	0	26	49	0	0	0	0	216
16:55-17:00	12	0	24	46	63	0	27	49	0	0	0	0	221
17:00-17:05	22	0	28	31	41	0	24	55	0	0	0	0	201
17:05-17:10	11	0	27	52	50	0	15	58	0	0	0	0	213
17:10-17:15	15	0	28	33	53	0	34	54	0	0	0	0	217
17:15-17:20	9	0	30	34	45	0	20	41	0	0	0	0	179
17:20-17:25	9	0	26	34	56	0	19	58	0	0	0	0	202
17:25-17:30	15	0	40	31	54	0	29	60	0	0	0	0	229
17:30-17:35	15	0	32	30	44	0	37	39	0	0	0	0	197
17:35-17:40	14	0	32	34	40	0	36	76	0	0	0	0	232
17:40-17:45	17	0	17	53	44	0	22	64	0	0	0	0	217
17:45-17:50	18	0	20	37	57	0	22	54	0	0	0	0	208
17:50-17:55	15	0	28	37	67	0	27	53	0	0	0	0	227
17:55-18:00	18	0	23	42	72	0	31	73	0	0	0	0	259
Total Survey	335	0	635	871	1223	0	556	1265	0	0	0	0	4885
PHF	.87	0	.8	.88	.79	0	.77	.88	0	0	0	0	.929
% Trucks	1.2	0	2.5	1	1.1	0	.9	1.5	0	0	0	0	1.4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	2	0	0	7	0	0	0	0	0	6	0	
Hourly Totals													
16:00-17:00	157	0	304	423	600	0	240	580	0	0	0	0	2304
16:15-17:15	169	0	312	454	606	0	256	628	0	0	0	0	2425
16:30-17:30	161	0	324	451	644	0	282	653	0	0	0	0	2515
16:45-17:45	164	0	334	463	602	0	309	673	0	0	0	0	2545
17:00-18:00	178	0	331	448	623	0	316	685	0	0	0	0	2581

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
143RD AVENUE AT CORNELL ROAD



DATE OF COUNT: 5/31/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

tbde

Peak Hour
17:00-18:00
TEV=2581

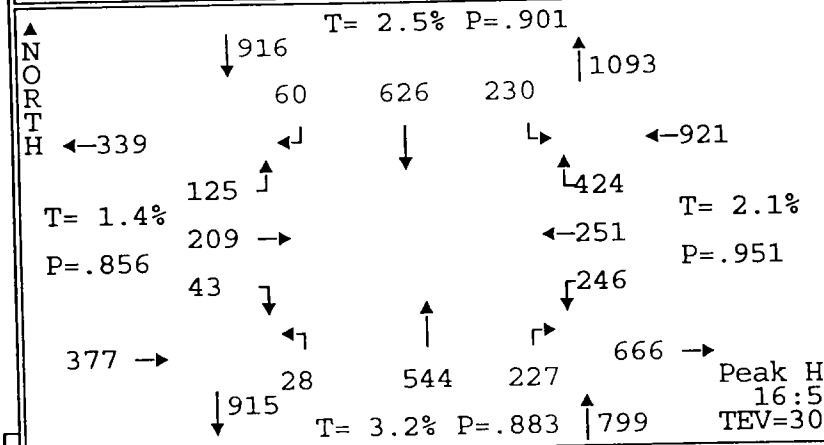
Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↱	WEST BOUND ←	WEST BOUND ↰	ALL
ALL VEHICLES													
17:00-17:15	48	0	83	116	144	0	73	167	0	0	0	0	631
17:15-17:30	33	0	96	99	155	0	68	159	0	0	0	0	610
17:30-17:45	46	0	81	117	128	0	95	179	0	0	0	0	646
17:45-18:00	51	0	71	116	196	0	80	180	0	0	0	0	694
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	0	2	2	1	0	1	4	0	0	0	0	10
17:15-17:30	0	0	1	0	3	0	0	1	0	0	0	0	5
17:30-17:45	1	0	1	1	0	0	0	1	0	0	0	0	4
17:45-18:00	0	0	1	0	2	0	0	0	0	0	0	0	3
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	1	0	0	0	0	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	2	0	0	0	0	2
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	1	0	0	0	0	1
17:15-17:30	0	0	0	1	0	0	1	1	0	0	0	0	3
17:30-17:45	0	0	1	0	0	0	0	1	0	0	0	0	2
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	0	0	0	0
17:15-17:30	1	1	0	0	2
17:30-17:45	0	0	0	1	1
17:45-18:00	0	1	0	1	2

Peak Hour by Movement													
PHF	.87	0	.86	.96	.79	0	.83	.95	0	0	0	0	.929
% Trucks(all)	1.1	0	1.5	.7	1	0	.3	1.2	0	0	0	0	1
% Trucks(M+H)	.6	0	0	0	0	0	0	.3	0	0	0	0	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	157	0	304	423	600	0	240	580	0	0	0	0	2304
16:15-17:15	169	0	312	454	606	0	256	628	0	0	0	0	2425
16:30-17:30	161	0	324	451	644	0	282	653	0	0	0	0	2515
16:45-17:45	164	0	334	463	602	0	309	673	0	0	0	0	2545
17:00-18:00	178	0	331	448	623	0	316	685	0	0	0	0	2581

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CORNELL ROAD AT MURRAY BOULEVARD



DATE OF COUNT: 6/8/00
DAY OF WEEK: THUR
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

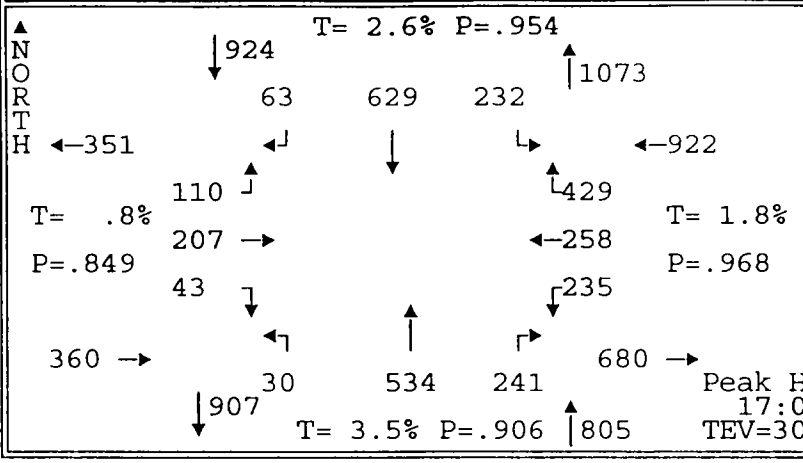
gmal

Peak Hour
16:55-17:55
TEV=3013

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	3	18	11	8	47	25	2	48	21	21	20	21	245
16:05-16:10	2	16	8	8	46	21	0	36	25	20	16	25	223
16:10-16:15	4	11	10	6	49	16	0	43	21	28	20	22	230
16:15-16:20	1	19	6	4	34	14	4	34	23	24	20	28	211
16:20-16:25	4	11	4	7	59	19	4	47	11	20	11	20	217
16:25-16:30	2	13	10	5	45	20	0	40	18	21	6	30	210
16:30-16:35	2	18	2	5	42	32	0	41	15	19	16	17	209
16:35-16:40	3	21	11	6	44	23	6	40	15	12	19	36	236
16:40-16:45	3	17	5	13	43	24	2	45	11	22	18	29	232
16:45-16:50	4	17	7	2	58	25	1	48	23	18	25	24	252
16:50-16:55	3	16	9	4	37	22	6	44	28	19	16	23	227
16:55-17:00	4	14	21	3	54	20	2	52	15	25	13	29	252
17:00-17:05	7	8	9	2	53	25	0	45	11	18	25	31	234
17:05-17:10	4	26	11	6	46	20	3	35	21	13	22	42	249
17:10-17:15	6	25	10	4	59	18	3	39	15	21	24	37	261
17:15-17:20	5	10	13	8	46	10	2	48	20	24	18	34	238
17:20-17:25	4	15	6	3	59	13	6	49	21	22	12	35	245
17:25-17:30	1	16	5	6	52	16	0	54	22	20	25	36	253
17:30-17:35	5	23	8	9	47	14	3	47	24	22	23	39	264
17:35-17:40	2	21	8	4	62	22	3	34	25	21	19	37	258
17:40-17:45	1	17	12	6	53	25	0	52	12	16	18	30	242
17:45-17:50	4	17	13	4	50	28	3	40	18	22	26	40	265
17:50-17:55	0	17	9	5	45	19	3	49	23	22	26	34	252
17:55-18:00	4	12	6	6	57	22	4	42	29	14	20	34	250
Total Survey	78	398	214	134	1187	493	57	1052	467	484	458	733	5755
PHF	.63	.86	.76	.79	.95	.77	.64	.9	.8	.92	.88	.94	.971
% Trucks	0	1.3	2.3	.7	1.9	4.5	0	3.5	3	1.9	.7	3.1	2.5
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	7	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	35	191	104	71	558	261	27	518	226	249	200	304	2744
16:15-17:15	43	205	105	61	574	262	31	510	206	232	215	346	2790
16:30-17:30	46	203	109	62	593	248	31	540	217	233	233	373	2888
16:45-17:45	46	208	119	57	626	230	29	547	237	239	240	397	2975
17:00-18:00	43	207	110	63	629	232	30	534	241	235	258	429	3011

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
CORNELL ROAD AT MURRAY BOULEVARD



DATE OF COUNT: 6/8/00
DAY OF WEEK: THUR
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

gmal

Peak Hour
17:00-18:00
TEV=3011

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	17	59	30	12	158	63	6	119	47	52	71	110	744
17:15-17:30	10	41	24	17	157	39	8	151	63	66	55	105	736
17:30-17:45	8	61	28	19	162	61	6	133	61	59	60	106	764
17:45-18:00	8	46	28	15	152	69	10	131	70	58	72	108	767
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	1	0	0	4	0	7	2	3	0	5		22
17:15-17:30	0	0	0	0	5	3	0	2	0	0	1	2	13
17:30-17:45	0	0	1	1	3	2	0	4	2	0	0	1	14
17:45-18:00	0	1	0	0	2	2	0	6	1	1	0	4	17
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	1	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	0	1	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	1	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	3	0	0	0	0	3
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

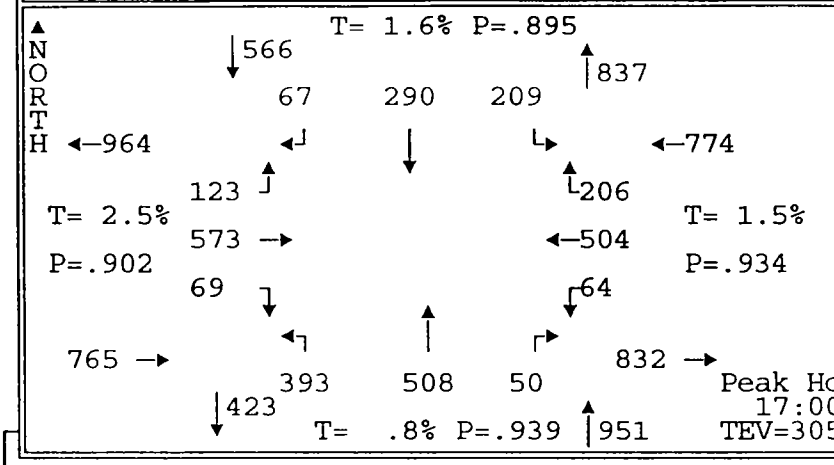
PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	0	0	0	0
17:15-17:30	0	0	0	0	0
17:30-17:45	0	1	0	0	1
17:45-18:00	0	1	0	0	1

Peak Hour by Movement													
PHF	.63	.85	.92	.83	.97	.84	.75	.88	.86	.89	.9	.98	.981
% Trucks(all)	0	1	.9	1.6	1.6	5.6	0	4.3	2.1	1.7	.4	2.8	2.4
% Trucks(M+H)	0	0	0	0	0	.9	0	.7	0	0	0	0	.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	35	191	104	71	558	261	27	518	226	249	200	304	2744
16:15-17:15	43	205	105	61	574	262	31	510	206	232	215	346	2790
16:30-17:30	46	203	109	62	593	248	31	540	217	233	233	373	2888
16:45-17:45	46	208	119	57	626	230	29	547	237	239	240	397	2975
17:00-18:00	43	207	110	63	629	232	30	534	241	235	258	429	3011

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CORNELL ROAD AT SALTZMAN ROAD

24074



DATE OF COUNT: 06/27/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

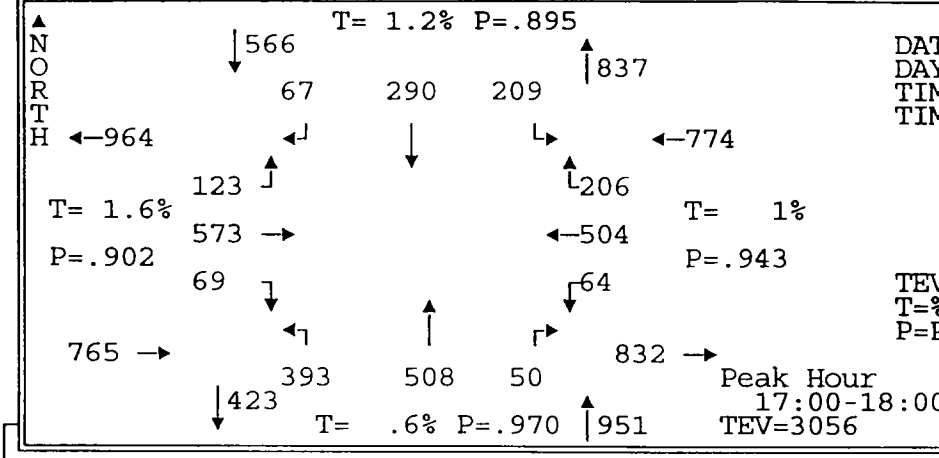
mpqo

Peak Hour
17:00-18:00
TEV=3056

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↙	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	7	41	10	7	29	12	25	23	5	5	27	16	207
16:05-16:10	8	32	10	8	18	9	23	28	2	9	40	20	207
16:10-16:15	11	38	2	8	31	11	25	21	2	3	35	14	201
16:15-16:20	6	42	3	6	23	21	28	23	4	10	36	15	217
16:20-16:25	3	51	8	7	28	8	25	24	2	2	40	8	206
16:25-16:30	4	42	12	4	22	14	35	34	0	7	44	22	240
16:30-16:35	17	40	5	6	17	12	27	26	4	6	42	13	215
16:35-16:40	2	33	8	4	16	24	22	27	4	11	38	15	204
16:40-16:45	3	37	6	11	17	16	39	42	4	2	39	17	233
16:45-16:50	8	41	9	2	19	14	32	39	1	4	35	8	212
16:50-16:55	6	38	9	4	21	25	38	36	5	9	46	17	254
16:55-17:00	2	38	8	5	28	14	24	35	1	3	52	18	228
17:00-17:05	9	40	11	8	27	10	37	37	3	4	29	11	226
17:05-17:10	6	47	10	8	18	20	31	33	2	5	47	19	246
17:10-17:15	9	32	10	2	20	15	31	50	3	6	47	16	241
17:15-17:20	2	43	4	11	25	15	28	45	4	4	42	21	244
17:20-17:25	1	56	14	8	20	20	36	41	6	4	42	11	259
17:25-17:30	3	48	12	5	26	15	27	45	8	10	43	8	250
17:30-17:35	7	57	7	2	28	31	37	42	4	6	41	16	278
17:35-17:40	8	55	15	3	23	19	24	37	2	3	50	30	269
17:40-17:45	4	48	11	7	26	19	43	45	5	3	38	18	267
17:45-17:50	4	46	8	5	28	18	32	46	5	7	42	14	255
17:50-17:55	7	54	10	2	28	9	29	45	3	3	44	19	253
17:55-18:00	9	47	11	6	21	18	38	42	5	9	39	23	268
Total Survey	146	1046	213	139	559	389	736	866	84	135	978	389	5680
PHF	.72	.89	.9	.7	.88	.76	.94	.93	.69	.8	.93	.8	.938
% Trucks	4.8	2.5	.9	2.9	2	.5	1.4	.3	0	.7	2.1	.3	1.5
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	16	0	0	28	0	0	9	0	0	16	0	
Hourly Totals													
16:00-17:00	77	473	90	72	269	180	343	358	34	71	474	183	2624
16:15-17:15	75	481	99	67	256	193	369	406	33	69	495	179	2722
16:30-17:30	68	493	106	74	254	200	372	456	45	68	502	174	2812
16:45-17:45	65	543	120	65	281	217	388	485	44	61	512	193	2974
17:00-18:00	69	573	123	67	290	209	393	508	50	64	504	206	3056

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
CORNELL ROAD AT SALTZMAN ROAD



DATE OF COUNT: 06/27/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

mpqo

Peak Hour
17:00-18:00
TEV=3056

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	24	119	31	18	65	45	99	120	8	15	123	46	713
17:15-17:30	6	147	30	24	71	50	91	131	18	18	127	40	753
17:30-17:45	19	160	33	12	77	69	104	124	11	12	129	64	814
17:45-18:00	20	147	29	13	77	45	99	133	13	19	125	56	776
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	1	2	0	0	0	1	1	0	0	0	1	0	6
17:15-17:30	0	2	0	0	3	0	2	0	0	0	1	0	8
17:30-17:45	2	1	0	1	1	0	1	0	0	0	3	1	10
17:45-18:00	1	2	0	1	0	0	1	0	0	0	1	0	6
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	1	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	1	0	1
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	1	0	0	0	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	1	0	0	0	0	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	1	0	0	0	0	0	0	0	0	0	0	1
17:45-18:00	0	1	0	0	0	0	1	0	0	0	0	0	2

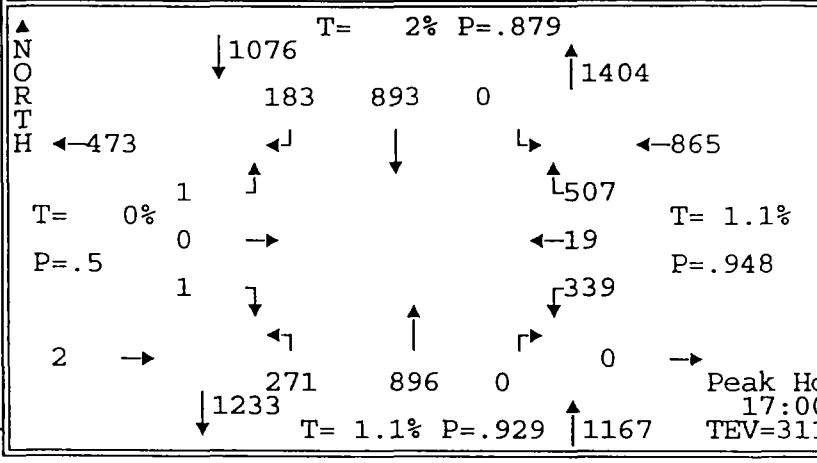
PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
17:00-17:15	3	1	0	1	5
17:15-17:30	1	7	3	4	15
17:30-17:45	1	4	0	0	5
17:45-18:00	5	0	3	0	8

Peak Hour by Movement													
PHF	.72	.9	.93	.7	.94	.76	.94	.95	.69	.84	.98	.8	.938
% Trucks(all)	5.8	1.4	0	3	1.4	.5	1.3	.2	0	0	1.4	.5	1.1
% Trucks(M+H)	0	.2	0	0	0	0	0	.2	0	0	.2	0	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	77	473	90	72	269	180	343	358	34	71	474	183	2624
16:15-17:15	75	481	99	67	256	193	369	406	33	69	495	179	2722
16:30-17:30	68	493	106	74	254	200	372	456	45	68	502	174	2812
16:45-17:45	65	543	120	65	281	217	388	485	44	61	512	193	2974
17:00-18:00	69	573	123	67	290	209	393	508	50	64	504	206	3056

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
MURRAY BOULEVARD AT HIGHWAY 26 WESTBOUND RAMPS

27520



DATE OF COUNT: 06/01/00
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

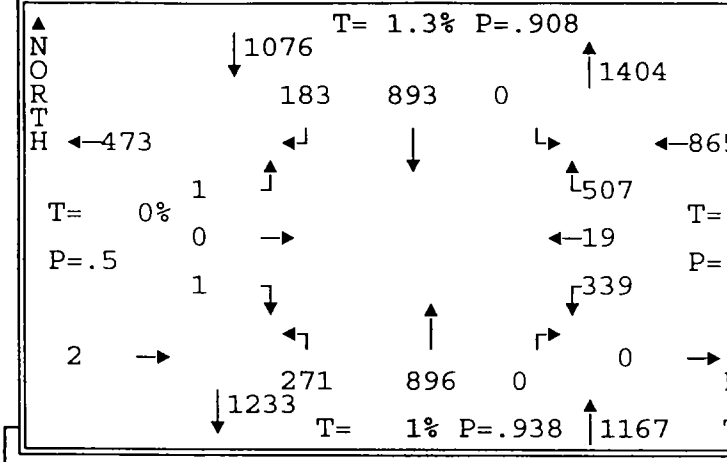
MPQI

Peak Hour
17:00-18:00
TEV=3110

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	0	0	0	21	73	0	13	61	0	37	0	37	242
16:05-16:10	0	0	0	17	77	0	14	42	0	28	0	42	220
16:10-16:15	0	0	0	18	65	0	16	55	0	28	0	39	221
16:15-16:20	0	0	0	12	67	0	11	61	0	30	0	31	212
16:20-16:25	0	0	0	14	87	0	19	51	0	36	0	39	246
16:25-16:30	0	0	0	15	76	0	19	80	0	31	0	35	256
16:30-16:35	0	0	0	20	77	0	15	57	0	36	0	30	235
16:35-16:40	0	0	0	15	67	0	15	60	0	24	0	35	216
16:40-16:45	0	0	0	14	65	0	17	67	0	31	1	37	232
16:45-16:50	0	0	0	13	73	0	24	61	0	29	0	35	235
16:50-16:55	0	0	0	20	89	0	20	58	0	28	0	30	245
16:55-17:00	0	0	0	8	83	0	18	59	0	37	0	31	236
17:00-17:05	0	0	0	13	81	0	28	56	0	38	0	41	257
17:05-17:10	0	0	1	19	87	0	27	70	0	22	0	45	271
17:10-17:15	0	0	0	15	81	0	22	61	0	30	1	32	242
17:15-17:20	0	0	0	23	81	0	27	67	0	26	0	52	276
17:20-17:25	0	0	0	17	69	0	24	80	0	29	1	33	253
17:25-17:30	0	0	0	12	56	0	25	84	0	30	1	48	256
17:30-17:35	0	0	0	14	73	0	24	77	0	23	2	43	256
17:35-17:40	0	0	0	13	83	0	18	69	0	30	2	35	250
17:40-17:45	1	0	0	15	89	0	22	75	0	21	2	50	275
17:45-17:50	0	0	0	17	67	0	22	82	0	37	4	37	266
17:50-17:55	0	0	0	13	64	0	12	82	0	28	5	36	240
17:55-18:00	0	0	0	12	62	0	20	93	0	25	1	55	268
Total Survey	1	0	1	370	1792	0	472	1608	0	714	20	928	5906
PHF	.25	0	.25	.8	.9	0	.88	.87	0	.94	.43	.95	.982
% Trucks	0	0	0	1.9	2	0	1.7	.9	0	1.5	0	.8	1.4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	21	0	0	20	0	0	1	0	
Hourly Totals													
16:00-17:00	0	0	0	187	899	0	201	712	0	375	1	421	2796
16:15-17:15	0	0	1	178	933	0	235	741	0	372	2	421	2883
16:30-17:30	0	0	1	189	909	0	262	780	0	360	4	449	2954
16:45-17:45	1	0	1	182	945	0	279	817	0	343	9	475	3052
17:00-18:00	1	0	1	183	893	0	271	896	0	339	19	507	3110

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
MURRAY BOULEVARD AT HIGHWAY 26 WESTBOUND RAMPS



DATE OF COUNT: 06/01/00
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

MPQI

Peak Hour
17:00-18:00
TEV=3110

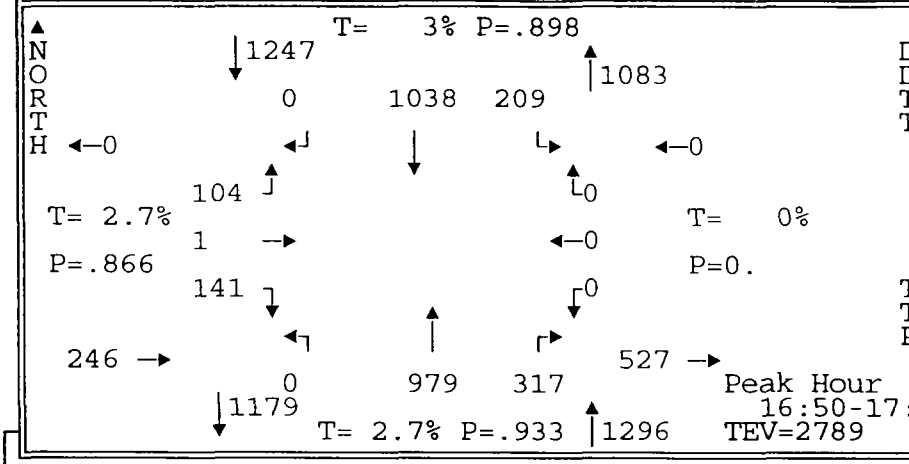
Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	0	0	1	47	249	0	77	187	0	90	1	118	770
17:15-17:30	0	0	0	52	206	0	76	231	0	85	2	133	785
17:30-17:45	1	0	0	42	245	0	64	221	0	74	6	128	781
17:45-18:00	0	0	0	42	193	0	54	257	0	90	10	128	774
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	0	0	0	1	0	2	2	0	0	0	0	5
17:15-17:30	0	0	0	0	3	0	1	1	0	0	0	0	5
17:30-17:45	0	0	0	1	3	0	0	1	0	0	0	0	5
17:45-18:00	0	0	0	0	3	0	1	2	0	0	0	0	6
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	1	0	0	1	0	0	0	0	2
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	1	0	1	2
17:15-17:30	0	0	0	1	1	0	0	0	0	1	0	0	3
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	1	1
17:45-18:00	0	0	0	0	0	0	0	1	0	2	0	0	3
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	1	0	0	2	0	0	0	0	3
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	1	0	0	1	0	0	0	0	2

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	4	1	0	5
17:15-17:30	0	2	0	0	2
17:30-17:45	0	3	1	0	4
17:45-18:00	0	0	6	1	7

Peak Hour by Movement													
PHF	.25	0	.25	.88	.9	0	.88	.87	0	.94	.47	.95	.990
% Trucks(all)	0	0	0	1.1	1.3	0	1.5	.9	0	1.2	0	.4	1
% Trucks(M+H)	0	0	0	.5	.2	0	0	.2	0	1.2	0	.4	.4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	0	0	0	187	899	0	201	712	0	375	1	421	2796
16:15-17:15	0	0	1	178	933	0	235	741	0	372	2	421	2883
16:30-17:30	0	0	1	189	909	0	262	780	0	360	4	449	2954
16:45-17:45	1	0	1	182	945	0	279	817	0	343	9	475	3052
17:00-18:00	1	0	1	183	893	0	271	896	0	339	19	507	3110

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
MURRAY BOULEVARD AT HIGHWAY 26 EASTBOUND RAMPS



DATE OF COUNT: 6/1/00
DAY OF WEEK: THUR
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

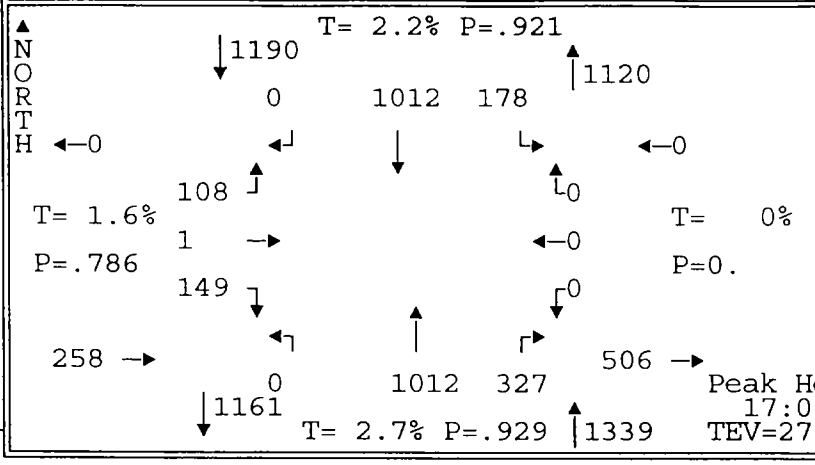
gmax

Peak Hour
16:50-17:50
TEV=2789

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	10	0	14	0	58	22	0	57	32	0	0	0	193
16:05-16:10	11	0	8	0	73	21	0	51	34	0	0	0	198
16:10-16:15	15	0	12	0	73	19	0	49	28	0	0	0	196
16:15-16:20	8	0	5	0	78	22	0	81	31	0	0	0	225
16:20-16:25	8	0	6	0	95	30	0	67	28	0	0	0	234
16:25-16:30	11	0	9	0	82	22	0	77	26	0	0	0	227
16:30-16:35	15	0	7	0	85	23	0	69	15	0	0	0	214
16:35-16:40	14	0	5	0	72	14	0	73	27	0	0	0	205
16:40-16:45	8	0	5	0	75	18	0	74	26	0	0	0	206
16:45-16:50	11	0	5	0	77	17	0	68	19	0	0	0	197
16:50-16:55	14	0	13	0	99	19	0	69	31	0	0	0	245
16:55-17:00	7	0	10	0	88	29	0	72	21	0	0	0	227
17:00-17:05	11	1	7	0	92	20	0	67	27	0	0	0	225
17:05-17:10	16	0	8	0	81	20	0	70	30	0	0	0	225
17:10-17:15	9	0	7	0	92	18	0	83	38	0	0	0	247
17:15-17:20	13	0	5	0	81	15	0	85	26	0	0	0	225
17:20-17:25	7	0	10	0	82	14	0	93	22	0	0	0	228
17:25-17:30	9	0	12	0	72	12	0	93	19	0	0	0	217
17:30-17:35	10	0	6	0	78	13	0	87	17	0	0	0	211
17:35-17:40	13	0	5	0	93	20	0	67	14	0	0	0	212
17:40-17:45	16	0	11	0	91	18	0	97	44	0	0	0	277
17:45-17:50	16	0	10	0	89	11	0	96	28	0	0	0	250
17:50-17:55	11	0	11	0	85	7	0	84	37	0	0	0	235
17:55-18:00	18	0	16	0	76	10	0	90	25	0	0	0	235
Total Survey	281	1	207	0	1967	434	0	1819	645	0	0	0	5354
PHF	.78	.25	.87	0	.93	.76	0	.9	.83	0	0	0	.943
% Trucks	2.1	0	3.4	0	2.5	5.1	0	2.1	4.3	0	0	0	2.8
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	5	0	0	13	0	0	15	0	0	0	0	
Hourly Totals													
16:00-17:00	132	0	99	0	955	256	0	807	318	0	0	0	2567
16:15-17:15	132	1	87	0	1016	252	0	870	319	0	0	0	2677
16:30-17:30	134	1	94	0	996	219	0	916	301	0	0	0	2661
16:45-17:45	136	1	99	0	1026	215	0	951	308	0	0	0	2736
17:00-18:00	149	1	108	0	1012	178	0	1012	327	0	0	0	2787

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
MURRAY BOULEVARD AT HIGHWAY 26 EASTBOUND RAMPS



DATE OF COUNT: 6/1/00
DAY OF WEEK: THUR
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

gmax

Peak Hour
17:00-18:00
TEV=2787

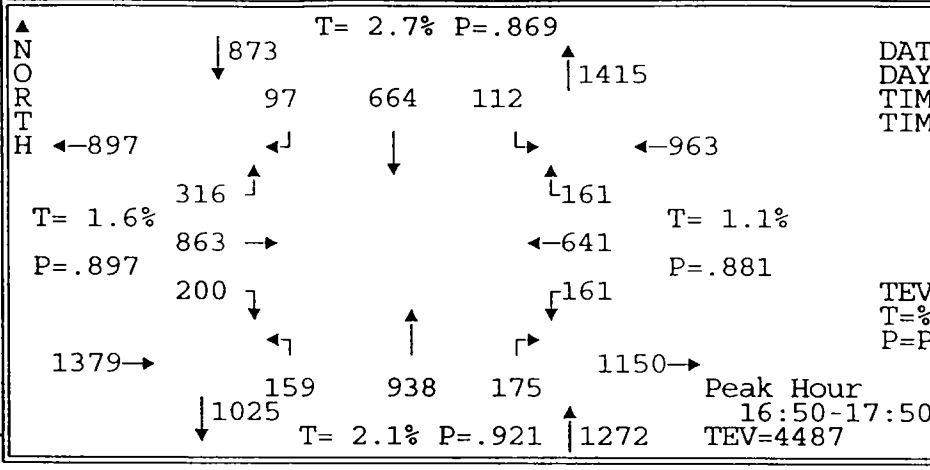
Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↱	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↰	ALL
ALL VEHICLES													
17:00-17:15	36	1	22	0	265	58	0	220	95	0	0	0	697
17:15-17:30	29	0	27	0	235	41	0	271	67	0	0	0	670
17:30-17:45	39	0	22	0	262	51	0	251	75	0	0	0	700
17:45-18:00	45	0	37	0	250	28	0	270	90	0	0	0	720
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	0	0	0	4	0	0	8	1	0	0	0	13
17:15-17:30	0	0	0	0	4	3	0	4	0	0	0	0	11
17:30-17:45	1	0	0	0	4	0	0	2	2	0	0	0	9
17:45-18:00	0	0	1	0	4	1	0	4	2	0	0	0	12
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	1	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	1	0	0	0	0	1
17:30-17:45	0	0	0	0	1	0	0	0	1	0	0	0	2
17:45-18:00	0	0	0	0	0	0	0	1	0	0	0	0	1
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	1	0	1	0	0	2	2	0	0	0	6
17:15-17:30	0	0	0	0	1	1	0	0	2	0	0	0	4
17:30-17:45	1	0	0	0	0	0	0	1	2	0	0	0	4
17:45-18:00	0	0	0	0	2	0	0	0	0	0	0	0	2
BICYCLES													
17:00-17:15	0	0	0	0	4	0	0	0	0	0	0	0	4
17:15-17:30	0	0	0	0	1	0	0	2	0	0	0	0	3
17:30-17:45	0	0	0	0	0	0	0	1	0	0	0	0	1
17:45-18:00	0	0	0	0	1	0	0	2	0	0	0	0	3

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	1	0	0	1
17:15-17:30	0	2	0	0	2
17:30-17:45	0	2	3	0	5
17:45-18:00	0	0	5	0	5

Peak Hour by Movement													
PHF	.83	.25	.73	0	.95	.77	0	.93	.86	0	0	0	.967
% Trucks(all)	1.3	0	1.9	0	2.1	2.8	0	2.4	3.7	0	0	0	2.4
% Trucks(M+H)	.7	0	.9	0	.5	.6	0	.6	2.1	0	0	0	.8
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	132	0	99	0	955	256	0	807	318	0	0	0	2567
16:15-17:15	132	1	87	0	1016	252	0	870	319	0	0	0	2677
16:30-17:30	134	1	94	0	996	219	0	916	301	0	0	0	2661
16:45-17:45	136	1	99	0	1026	215	0	951	308	0	0	0	2736
17:00-18:00	149	1	108	0	1012	178	0	1012	327	0	0	0	2787

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
MURRAY BOULEVARD AT WALKER ROAD



DATE OF COUNT: 06/06/00
DAY OF WEEK: TUE
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

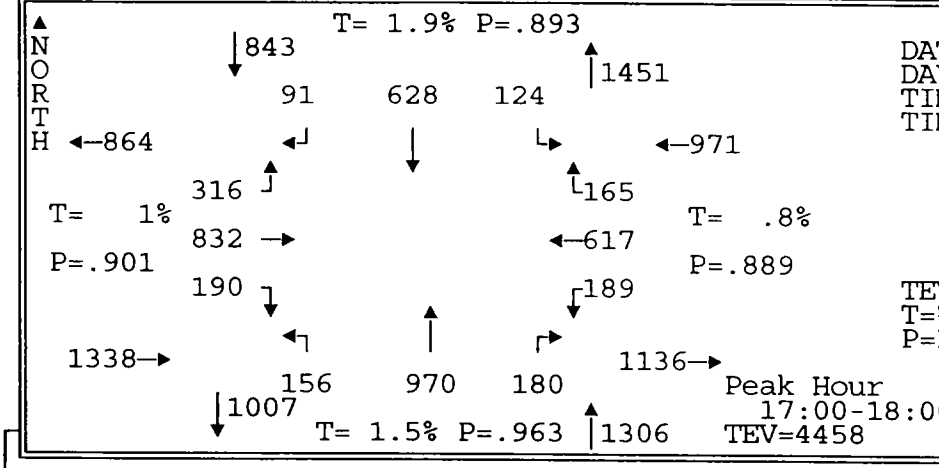
BK14

Peak Hour
16:50-17:50
TEV=4487

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	10	50	16	16	67	12	15	48	13	6	31	6	290
16:05-16:10	12	38	18	9	60	10	10	86	14	8	44	12	321
16:10-16:15	7	43	26	6	54	17	13	70	5	10	41	8	300
16:15-16:20	18	84	20	10	44	7	12	56	9	6	66	10	342
16:20-16:25	13	53	18	13	49	17	18	65	14	7	46	7	320
16:25-16:30	6	48	25	12	69	11	17	94	12	9	41	9	353
16:30-16:35	14	74	21	9	49	8	10	64	7	5	60	10	331
16:35-16:40	29	91	23	9	55	11	9	72	10	9	66	6	390
16:40-16:45	16	50	16	9	52	13	23	75	12	7	56	10	339
16:45-16:50	9	54	12	14	69	5	8	87	11	12	49	10	340
16:50-16:55	22	86	19	10	53	8	7	53	12	8	49	14	341
16:55-17:00	14	77	26	10	65	9	16	69	16	6	52	13	373
17:00-17:05	9	56	20	10	68	3	16	84	15	11	48	12	352
17:05-17:10	17	63	41	6	63	17	6	81	14	19	43	6	376
17:10-17:15	19	60	33	11	51	7	16	91	16	15	46	19	384
17:15-17:20	23	103	25	5	41	3	14	65	14	15	64	11	383
17:20-17:25	15	79	24	9	51	7	22	85	9	15	55	12	383
17:25-17:30	12	71	19	4	66	12	7	86	23	12	48	19	379
17:30-17:35	17	83	28	8	44	11	14	62	14	23	64	13	381
17:35-17:40	15	63	31	10	51	15	11	79	22	10	57	14	378
17:40-17:45	21	72	27	8	42	6	16	84	10	11	67	14	378
17:45-17:50	16	50	23	6	69	14	14	99	10	16	48	14	379
17:50-17:55	10	61	23	9	24	12	8	76	18	24	34	20	319
17:55-18:00	16	71	22	5	58	17	12	78	15	18	43	11	366
Total Survey	360	1580	556	218	1314	252	314	1809	315	282	1218	280	8498
PHF	.85	.85	.8	.81	.85	.74	.76	.9	.74	.81	.85	.88	.975
% Trucks	2.5	1.3	1.8	0	3.3	2	.6	2.7	.3	.7	1.1	1.4	1.9
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	170	748	240	127	686	128	158	839	135	93	601	115	4040
16:15-17:15	186	796	274	123	687	116	158	891	148	114	622	126	4241
16:30-17:30	199	864	279	106	683	103	154	912	159	134	636	142	4371
16:45-17:45	193	867	305	105	664	103	153	926	176	157	642	157	4448
17:00-18:00	190	832	316	91	628	124	156	970	180	189	617	165	4458

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
MURRAY BOULEVARD AT WALKER ROAD



DATE OF COUNT: 06/06/00
DAY OF WEEK: TUE
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

BK14

Peak Hour
17:00-18:00
TEV=4458

Traffic Smithy
(503)641-6333

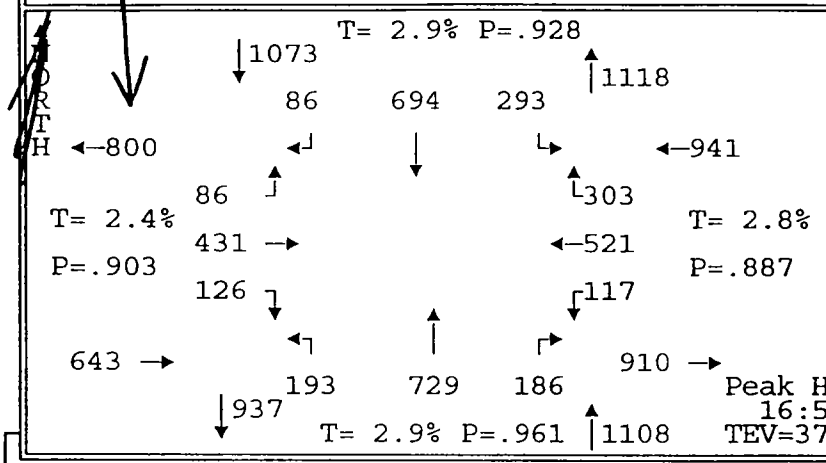
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	45	179	94	27	182	27	38	256	45	45	137	37	1112
17:15-17:30	50	253	68	18	158	22	43	236	46	42	167	42	1145
17:30-17:45	53	218	86	26	137	32	41	225	46	44	188	41	1137
17:45-18:00	42	182	68	20	151	43	34	253	43	58	125	45	1064
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	1	2	1	0	4	0	0	5	0	0	2	0	15
17:15-17:30	3	1	0	0	2	0	0	4	0	1	1	0	12
17:30-17:45	0	1	0	0	1	0	0	3	0	0	0	1	6
17:45-18:00	1	0	0	0	3	0	0	2	0	0	3	0	9
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	1	0	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	2	0	0	0	0	0	0	0	2
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	1	0	0	0	0	3	0	0	0	0	4
17:15-17:30	0	0	1	0	3	0	0	1	0	0	0	0	5
17:30-17:45	0	1	0	0	0	0	0	0	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	2	0	0	0	0	2
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
17:00-17:15	0	0	0	0	0
17:15-17:30	0	0	0	0	0
17:30-17:45	0	0	0	0	0
17:45-18:00	0	0	0	0	0

Peak Hour by Movement													
PHF	.9	.82	.84	.84	.86	.72	.91	.95	.98	.81	.82	.92	.973
% Trucks(all)	2.6	.6	.9	0	2.5	0	0	2.1	0	.5	1	.6	1.3
% Trucks(M+H)	0	.1	.6	0	1	0	0	.6	0	0	0	0	.3
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	170	748	240	127	686	128	158	839	135	93	601	115	4040
16:15-17:15	186	796	274	123	687	116	158	891	148	114	622	126	4241
16:30-17:30	199	864	279	106	683	103	154	912	159	134	636	142	4371
16:45-17:45	193	867	305	105	664	103	153	926	176	157	642	157	4448
17:00-18:00	190	832	316	91	628	124	156	970	180	189	617	165	4458

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
MURRAY BOULEVARD AT JENKINS ROAD



DATE OF COUNT: 6/7/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

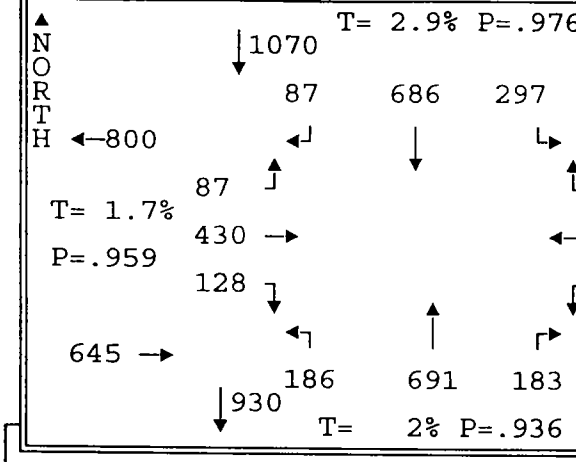
gmau

Peak Hour
16:55-17:55
TEV=3765

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↙	SOUTH BOUND ↓	SOUTH BOUND ↘	NORTH BOUND ↖	NORTH BOUND ↑	NORTH BOUND ↗	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	7	23	9	8	67	18	5	61	8	6	19	25	256
16:05-16:10	15	38	9	7	48	25	10	47	13	11	38	30	291
16:10-16:15	12	23	7	9	60	14	4	57	14	15	39	28	282
16:15-16:20	12	40	6	7	62	24	10	41	8	5	37	22	274
16:20-16:25	8	33	13	3	49	7	5	54	11	15	39	26	263
16:25-16:30	11	25	2	3	50	25	7	62	9	13	47	29	283
16:30-16:35	13	20	6	5	61	12	8	51	11	18	39	25	269
16:35-16:40	10	52	4	8	47	18	8	51	5	13	53	19	288
16:40-16:45	15	28	8	7	82	28	10	48	14	10	29	32	311
16:45-16:50	9	37	8	9	47	26	9	27	15	11	50	31	279
16:50-16:55	9	29	7	3	57	18	4	62	9	16	43	25	282
16:55-17:00	8	32	5	8	62	19	15	81	14	9	37	25	315
17:00-17:05	8	41	10	9	51	17	9	56	10	10	47	26	294
17:05-17:10	14	33	6	11	53	29	23	57	17	4	44	28	319
17:10-17:15	8	27	7	6	76	22	9	83	13	9	43	27	330
17:15-17:20	8	49	10	5	54	22	13	48	13	15	55	34	326
17:20-17:25	13	36	6	10	47	28	29	49	11	14	44	24	311
17:25-17:30	8	29	9	7	73	17	10	69	18	12	34	21	307
17:30-17:35	10	39	0	6	44	33	21	48	18	6	48	20	293
17:35-17:40	12	29	9	11	72	26	16	70	18	7	34	22	326
17:40-17:45	16	45	8	2	49	21	17	56	19	15	52	30	330
17:45-17:50	10	44	5	4	54	37	22	54	14	7	49	28	328
17:50-17:55	11	27	11	7	59	22	9	58	21	9	34	18	286
17:55-18:00	10	31	6	9	54	23	8	43	11	8	43	19	265
Total Survey	257	810	171	164	1378	531	281	1333	314	258	997	614	7108
PHF	.83	.91	.86	.77	.92	.87	.8	.93	.85	.71	.92	.85	.956
% Trucks	1.6	3.2	0	1.2	3	3.2	1.1	3.2	3.2	3.5	1.9	4.1	2.8
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	4	0	0	0	0	0	1	0	
Hourly Totals													
16:00-17:00	129	380	84	77	692	234	95	642	131	142	470	317	3393
16:15-17:15	125	397	82	79	697	245	117	673	136	133	508	315	3507
16:30-17:30	123	413	86	88	710	256	147	682	150	141	518	317	3631
16:45-17:45	123	426	85	87	685	278	175	706	175	128	531	313	3712
17:00-18:00	128	430	87	87	686	297	186	691	183	116	527	297	3715

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
MURRAY BOULEVARD AT JENKINS ROAD



DATE OF COUNT: 6/7/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

gmau

Peak Hour
17:00-18:00
TEV=3715

Traffic Smithy
(503)641-6333

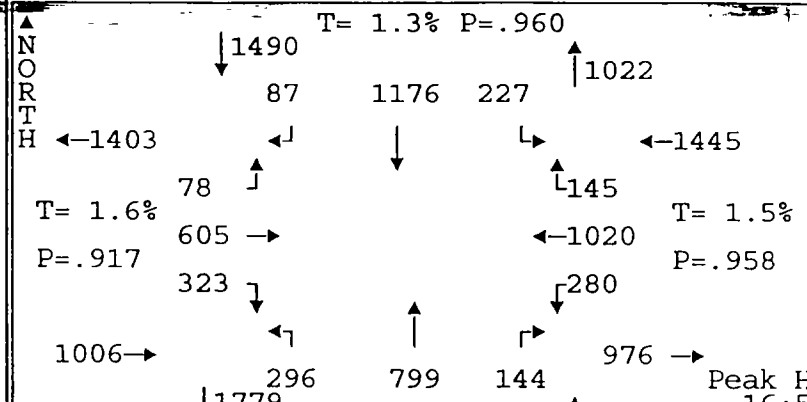
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	30	101	23	26	180	68	41	196	40	23	134	81	943
17:15-17:30	29	114	25	22	174	67	52	166	42	41	133	79	944
17:30-17:45	38	113	17	19	165	80	54	174	55	28	134	72	949
17:45-18:00	31	102	22	20	167	82	39	155	46	24	126	65	879
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	2	0	1	4	0	1	4	1	0	1	2	16
17:15-17:30	0	2	0	1	6	2	0	3	0	0	2	1	17
17:30-17:45	0	5	0	0	4	0	0	3	0	1	1	0	14
17:45-18:00	0	2	0	0	2	6	0	1	0	1	0	1	13
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	1	0	0	1	2
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	4	1	0	2	0	0	0	1	8
17:15-17:30	0	0	0	0	0	0	0	1	1	1	0	0	3
17:30-17:45	0	0	0	0	0	0	0	1	1	0	0	0	2
17:45-18:00	0	0	0	0	0	0	0	1	0	1	0	0	2
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	1	0	1
17:30-17:45	0	0	0	0	0	0	1	0	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	1	0	1

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
17:00-17:15	0	0	0	0	0
17:15-17:30	0	1	0	0	1
17:30-17:45	0	1	0	0	1
17:45-18:00	0	1	0	0	1

Peak Hour by Movement													
PHF	.84	.94	.87	.84	.95	.91	.86	.88	.83	.71	.98	.92	.978
% Trucks(all)	0	2.6	0	2.3	2.9	3	.5	2.3	2.2	3.4	.8	2	2.1
% Trucks(M+H)	0	0	0	0	.6	.3	0	.7	1.6	1.7	0	.7	.5
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	129	380	84	77	692	234	95	642	131	142	470	317	3393
16:15-17:15	125	397	82	79	697	245	117	673	136	133	508	315	3507
16:30-17:30	123	413	86	88	710	256	147	682	150	141	518	317	3631
16:45-17:45	123	426	85	87	685	278	175	706	175	128	531	313	3712
17:00-18:00	128	430	87	87	686	297	186	691	183	116	527	297	3715

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
MURRAY BOULEVARD AT FARMINGTON ROAD

23930



DATE OF COUNT: 6/14/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

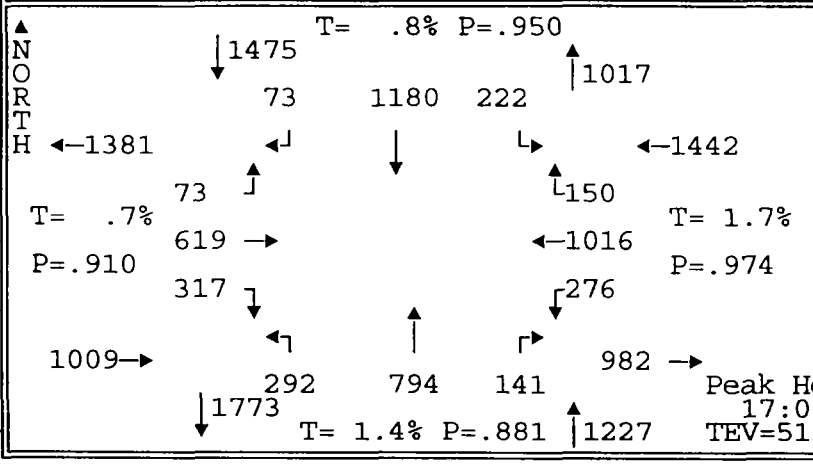
mpqk

Peak Hour
16:50-17:50
TEV=5180

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↙	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	11	46	2	7	102	18	23	51	6	22	62	14	364
16:05-16:10	26	49	6	6	64	17	23	55	5	14	58	12	335
16:10-16:15	15	32	5	3	94	16	17	44	6	28	76	10	346
16:15-16:20	23	44	12	12	75	12	24	69	11	24	65	14	385
16:20-16:25	24	54	10	5	88	13	26	75	8	19	66	16	404
16:25-16:30	32	48	13	9	82	14	22	60	23	23	57	17	400
16:30-16:35	20	48	8	15	83	16	25	64	7	24	78	6	394
16:35-16:40	22	54	1	3	78	26	25	64	9	28	99	15	424
16:40-16:45	13	65	7	10	85	17	22	67	12	26	56	16	396
16:45-16:50	19	50	9	6	94	10	26	85	10	23	58	8	398
16:50-16:55	27	38	9	17	92	19	24	67	15	23	87	6	424
16:55-17:00	28	66	7	6	100	16	25	65	12	23	76	16	440
17:00-17:05	21	42	3	11	98	20	23	73	11	22	88	13	425
17:05-17:10	19	50	11	4	103	29	22	53	15	23	79	12	420
17:10-17:15	25	68	3	10	92	21	23	62	11	22	88	17	442
17:15-17:20	24	59	4	5	108	16	25	79	9	21	94	13	457
17:20-17:25	35	52	4	6	95	22	26	78	14	24	90	8	454
17:25-17:30	20	37	5	5	100	11	24	80	13	22	84	14	415
17:30-17:35	30	58	7	7	99	16	26	59	10	25	84	10	431
17:35-17:40	22	33	5	5	93	20	23	55	12	28	95	13	404
17:40-17:45	38	46	11	3	97	24	30	63	13	22	78	11	436
17:45-17:50	34	56	9	8	99	13	25	65	9	25	77	12	432
17:50-17:55	27	67	7	3	91	8	23	59	17	24	80	15	421
17:55-18:00	22	51	4	6	105	22	22	68	7	18	79	12	416
Total Survey	577	1213	162	172	2217	416	574	1560	265	553	1854	300	9863
PHF	.86	.84	.78	.64	.97	.81	.94	.84	.95	.93	.94	.86	.957
% Trucks	1	1.6	3.7	.6	1.2	2.2	1.4	2.1	1.1	.5	1.5	3.3	1.5
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	21	0	0	28	0	0	29	0	0	14	0	
Hourly Totals													
16:00-17:00	260	594	89	99	1037	194	282	766	124	277	838	150	4710
16:15-17:15	273	627	93	108	1070	213	287	804	144	280	897	156	4952
16:30-17:30	273	629	71	98	1128	223	290	837	138	281	977	144	5089
16:45-17:45	308	599	78	85	1171	224	297	819	145	278	1001	141	5146
17:00-18:00	317	619	73	73	1180	222	292	794	141	276	1016	150	5153

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
MURRAY BOULEVARD AT FARMINGTON ROAD



DATE OF COUNT: 6/14/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

mpqk

Peak Hour
17:00-18:00
TEV=5153

Traffic Smithy
(503)641-6333

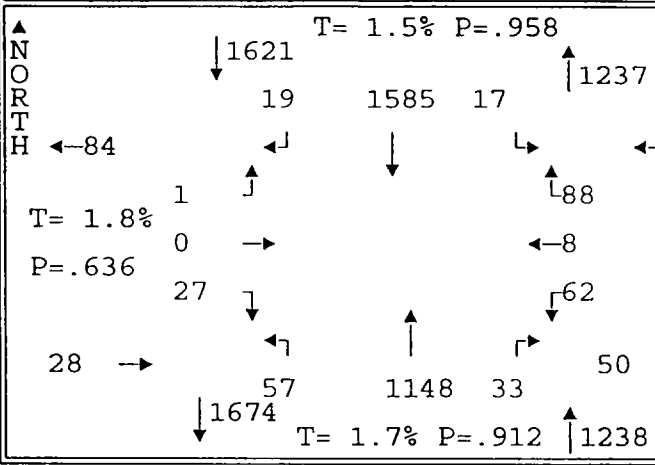
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	65	160	17	25	293	70	68	188	37	67	255	42	1287
17:15-17:30	79	148	13	16	303	49	75	237	36	67	268	35	1326
17:30-17:45	90	137	23	15	289	60	79	177	35	75	257	34	1271
17:45-18:00	83	174	20	17	295	43	70	192	33	67	236	39	1269
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	0	0	0	2	0	1	4	1	0	6	0	14
17:15-17:30	0	3	0	0	4	0	0	2	0	0	3	3	15
17:30-17:45	0	1	0	0	4	1	1	1	0	0	4	2	14
17:45-18:00	0	1	0	0	0	0	0	5	1	0	4	3	14
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	1	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	1	1	0	0	0	0	0	0	0	0	0	0	2
17:30-17:45	0	0	0	0	1	0	0	0	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	4	0	0	1	0	0	0	0	5
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	2	0	0	0	0	2

PEDESTRIANS — CROSSWALK USEAGE	SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	3	6	2	3	14
17:15-17:30	3	3	5	0	11
17:30-17:45	1	1	3	0	5
17:45-18:00	8	4	4	0	16

Peak Hour by Movement													
PHF	.88	.89	.79	.73	.97	.79	.92	.84	.95	.92	.95	.89	.971
% Trucks(all)	.3	1	0	0	.9	.5	.7	1.5	2.1	0	1.7	5.3	1.2
% Trucks(M+H)	.3	.2	0	0	.1	0	0	0	.7	0	0	0	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	260	594	89	99	1037	194	282	766	124	277	838	150	4710
16:15-17:15	273	627	93	108	1070	213	287	804	144	280	897	156	4952
16:30-17:30	273	629	71	98	1128	223	290	837	138	281	977	144	5089
16:45-17:45	308	599	78	85	1171	224	297	819	145	278	1001	141	5146
17:00-18:00	317	619	73	73	1180	222	292	794	141	276	1016	150	5153

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
MURRAY BOULEVARD AT 6TH STREET



DATE OF COUNT: 06/06/00
DAY OF WEEK: TUE
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

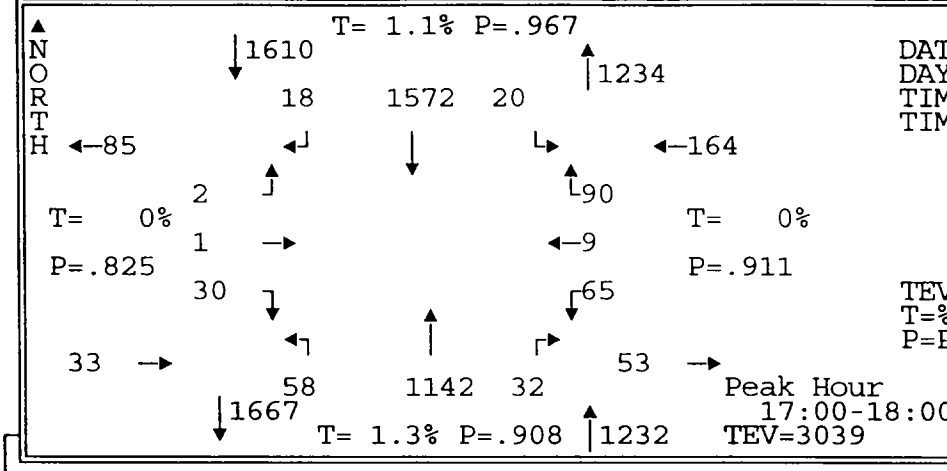
BK13

Peak Hour
16:55-17:55

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	1	0	0	3	122	2	2	83	1	3	0	4	221
16:05-16:10	1	0	1	1	122	1	1	91	3	2	0	1	224
16:10-16:15	0	0	0	0	114	1	4	91	2	2	1	5	220
16:15-16:20	1	0	0	0	118	1	7	98	1	1	0	2	229
16:20-16:25	3	0	0	1	119	1	5	87	3	0	2	3	224
16:25-16:30	1	0	0	0	117	3	5	113	4	0	1	6	250
16:30-16:35	2	1	0	0	127	2	1	107	2	1	1	10	254
16:35-16:40	1	0	0	3	116	2	5	84	2	6	1	1	221
16:40-16:45	1	0	1	2	126	2	3	116	1	2	1	6	261
16:45-16:50	3	0	0	0	137	0	0	83	2	4	0	7	236
16:50-16:55	5	0	0	2	125	2	5	106	5	1	0	3	254
16:55-17:00	1	0	0	1	133	1	3	92	4	3	0	6	244
17:00-17:05	1	0	0	2	124	2	6	91	2	3	0	4	235
17:05-17:10	1	0	0	1	118	0	8	82	1	3	0	13	227
17:10-17:15	3	0	1	4	134	0	5	100	5	5	1	11	269
17:15-17:20	4	0	0	1	135	1	3	100	5	4	3	5	261
17:20-17:25	3	0	0	2	127	0	4	85	2	9	2	11	245
17:25-17:30	3	0	0	0	139	0	5	85	1	4	0	5	242
17:30-17:35	1	0	0	4	144	4	4	117	3	6	1	8	292
17:35-17:40	2	0	0	1	129	2	6	113	3	5	1	3	265
17:40-17:45	5	0	0	1	129	2	4	88	1	7	0	5	242
17:45-17:50	2	0	0	0	140	3	5	84	5	6	0	7	252
17:50-17:55	1	0	0	2	133	2	4	111	1	7	0	10	271
17:55-18:00	4	1	1	0	120	4	4	86	3	6	1	8	238
Total Survey	50	2	4	31	3048	38	99	2293	62	90	16	144	5877
PHF	.68	0	.25	.68	.96	.53	.75	.9	.69	.77	.33	.76	.952
% Trucks	2	0	0	0	1.5	2.6	0	1.7	1.6	0	0	0	1.5
Stopped Buses	0	0	0	0	0	0	0	1	0	0	0	0	
Peds	0	0	0	0	6	0	0	2	0	0	0	0	
Hourly Totals													
16:00-17:00	20	1	2	13	1476	18	41	1151	30	25	7	54	2838
16:15-17:15	23	1	2	16	1494	16	53	1159	32	29	7	72	2904
16:30-17:30	28	1	2	18	1541	12	48	1131	32	45	9	82	2949
16:45-17:45	32	0	1	19	1574	14	53	1142	34	54	8	81	3012
17:00-18:00	30	1	2	18	1572	20	58	1142	32	65	9	90	3039

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
MURRAY BOULEVARD AT 6TH STREET



DATE OF COUNT: 06/06/00
DAY OF WEEK: TUE
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

BK13

Peak Hour
17:00-18:00
TEV=3039

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↴	WEST BOUND ←	WEST BOUND ↰	ALL
ALL VEHICLES													
17:00-17:15	5	0	1	7	376	2	19	273	8	11	1	28	731
17:15-17:30	10	0	0	3	401	1	12	270	8	17	5	21	748
17:30-17:45	8	0	0	6	402	8	14	318	7	18	2	16	799
17:45-18:00	7	1	1	2	393	9	13	281	9	19	1	25	761
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	0	0	0	4	0	0	3	0	0	0	0	7
17:15-17:30	0	0	0	0	2	0	0	3	0	0	0	0	5
17:30-17:45	0	0	0	0	4	0	0	3	0	0	0	0	7
17:45-18:00	0	0	0	0	4	0	0	7	0	0	0	0	11
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	1	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	2	0	0	0	0	0	0	0	2
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	1	0	0	0	0	0	0	0	1
BICYCLES													
17:00-17:15	0	0	0	0	1	0	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	2	0	0	0	0	0	0	0	2
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

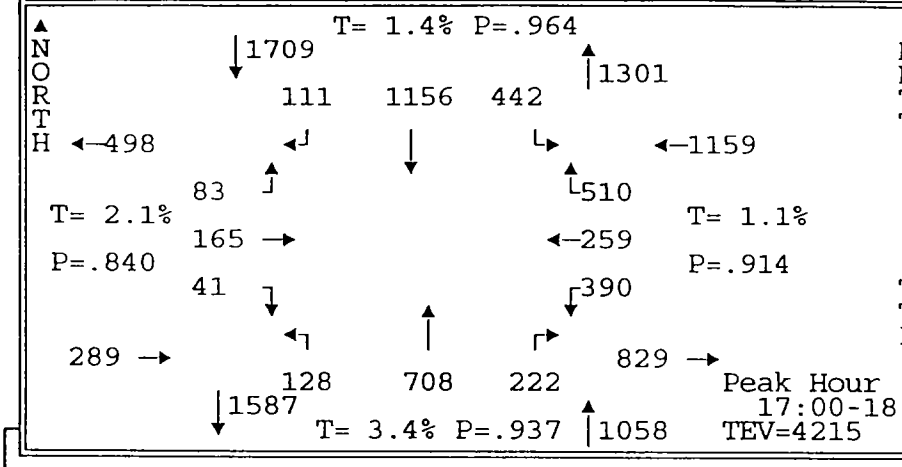
PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
17:00-17:15	0	0	0	0	0
17:15-17:30	0	0	0	0	0
17:30-17:45	0	3	2	0	5
17:45-18:00	0	1	0	0	1

Peak Hour by Movement													
PHF	.75	.25	.5	.64	.98	.56	.76	.9	.89	.86	.45	.8	.950
% Trucks(all)	0	0	0	0	1.1	0	0	1.4	0	0	0	0	1.1
% Trucks(M+H)	0	0	0	0	.3	0	0	0	0	0	0	0	.1
Stopped Buses	0	0	0	0	0	0	0	1	0	0	0	0	

Hourly Totals													
16:00-17:00	20	1	2	13	1476	18	41	1151	30	25	7	54	2838
16:15-17:15	23	1	2	16	1494	16	53	1159	32	29	7	72	2904
16:30-17:30	28	1	2	18	1541	12	48	1131	32	45	9	82	2949
16:45-17:45	32	0	1	19	1574	14	53	1142	34	54	8	81	3012
17:00-18:00	30	1	2	18	1572	20	58	1142	32	65	9	90	3039

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
MURRAY BOULEVARD AT ALLEN BOULEVARD (COMPOSITE)

23932



DATE OF COUNT: 6/13/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

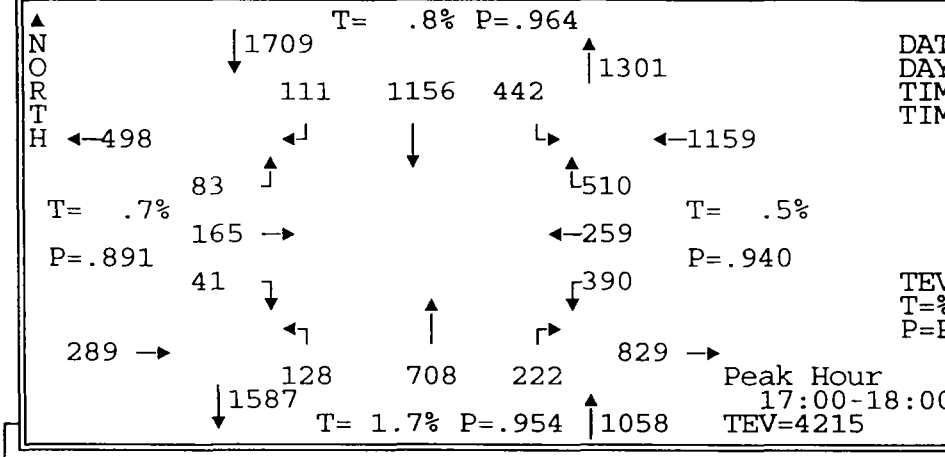
erlt

Peak Hour
17:00-18:00
TEV=4215

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↙	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↴	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	4	9	4	6	58	33	10	67	16	18	17	29	271
16:05-16:10	1	7	4	6	72	40	12	52	19	25	18	43	299
16:10-16:15	0	13	7	7	70	37	4	49	14	36	26	32	295
16:15-16:20	5	10	6	6	83	32	8	74	12	23	10	22	291
16:20-16:25	5	16	9	5	89	42	1	40	11	30	30	57	335
16:25-16:30	4	5	8	7	86	35	14	68	14	17	16	39	313
16:30-16:35	2	5	5	6	69	39	9	49	17	27	18	46	292
16:35-16:40	4	10	11	6	99	42	3	36	18	23	21	32	305
16:40-16:45	2	9	7	7	87	26	12	55	22	39	25	42	333
16:45-16:50	1	8	7	13	92	27	5	86	18	24	13	39	333
16:50-16:55	1	13	4	12	93	27	12	52	15	47	20	46	342
16:55-17:00	3	15	11	7	62	43	11	53	13	25	19	36	298
17:00-17:05	1	11	5	8	101	42	9	69	19	32	15	43	355
17:05-17:10	6	13	11	10	103	32	7	49	8	22	19	49	329
17:10-17:15	3	13	10	10	89	30	18	60	23	44	27	44	371
17:15-17:20	2	17	8	9	86	32	6	56	18	40	21	46	341
17:20-17:25	1	13	6	11	93	49	12	67	22	29	21	45	369
17:25-17:30	4	8	5	11	117	26	7	66	23	27	26	53	373
17:30-17:35	4	15	2	7	85	39	11	52	15	37	28	42	337
17:35-17:40	4	8	9	10	86	53	15	51	20	22	19	33	330
17:40-17:45	6	17	6	12	114	37	10	53	16	39	15	51	376
17:45-17:50	7	22	7	7	80	22	18	56	19	37	28	47	350
17:50-17:55	1	10	3	7	81	49	8	66	15	31	25	29	325
17:55-18:00	2	18	11	9	121	31	7	63	24	30	15	28	359
Total Survey	73	285	166	199	2116	865	229	1389	411	724	492	973	7922
PHF	.6	.82	.72	.9	.98	.86	.74	.94	.88	.86	.86	.89	.972
% Trucks	1.4	2.5	1.8	.5	1.7	.9	0	3.2	6.3	1.5	.6	.9	1.9
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	23	0	0	0	0	0	0	0	0	5	0	
Hourly Totals													
16:00-17:00	32	120	83	88	960	423	101	681	189	334	233	463	3707
16:15-17:15	37	128	94	97	1053	417	109	691	190	353	233	495	3897
16:30-17:30	30	135	90	110	1091	415	111	698	216	379	245	521	4041
16:45-17:45	36	151	84	120	1121	437	123	714	210	388	243	527	4154
17:00-18:00	41	165	83	111	1156	442	128	708	222	390	259	510	4215

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
MURRAY BOULEVARD AT ALLEN BOULEVARD (COMPOSITE)



DATE OF COUNT: 6/13/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

erlt

Peak Hour
17:00-18:00
TEV=4215

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	10	37	26	28	293	104	34	178	50	98	61	136	1055
17:15-17:30	7	38	19	31	296	107	25	189	63	96	68	144	1083
17:30-17:45	14	40	17	29	285	129	36	156	51	98	62	126	1043
17:45-18:00	10	50	21	23	282	102	33	185	58	98	68	104	1034
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	1	0	0	1	0	0	7	2	0	0	1	12
17:15-17:30	0	0	0	0	2	0	0	3	0	1	0	0	6
17:30-17:45	0	0	1	0	4	0	0	3	2	0	0	0	10
17:45-18:00	0	0	0	0	3	0	0	1	0	2	0	2	8
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	1	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	1	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	1	0	0	0	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	1	0	0	0	0	0	0	1	2
17:15-17:30	0	0	0	0	4	0	0	2	0	0	0	0	6
17:30-17:45	0	0	0	0	1	0	0	0	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

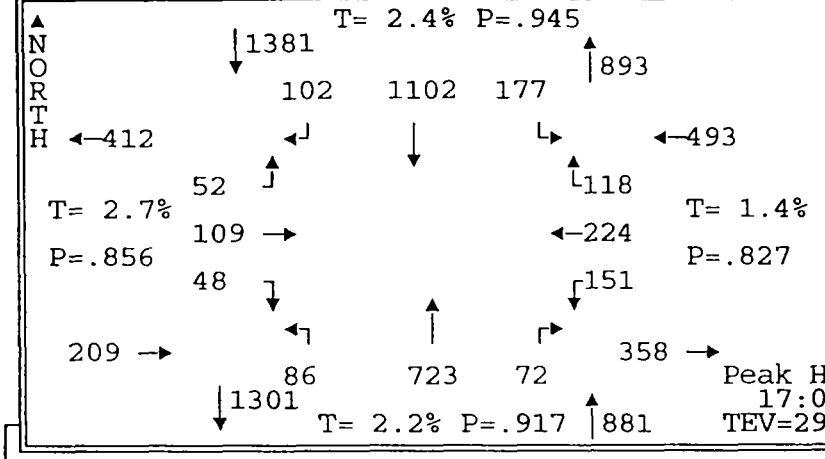
PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	4	0	0	0	4
17:15-17:30	4	0	0	0	4
17:30-17:45	3	0	0	0	3
17:45-18:00	2	0	0	1	3

Peak Hour by Movement													
PHF	.73	.82	.8	.9	.98	.86	.89	.94	.88	.99	.95	.89	.972
% Trucks(all)	0	.6	1.2	0	1.1	0	0	2	1.8	.8	0	.6	.9
% Trucks(M+H)	0	0	0	0	.3	0	0	0	0	0	0	0	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	32	120	83	88	960	423	101	681	189	334	233	463	3707
16:15-17:15	37	128	94	97	1053	417	109	691	190	353	233	495	3897
16:30-17:30	30	135	90	110	1091	415	111	698	216	379	245	521	4041
16:45-17:45	36	151	84	120	1121	437	123	714	210	388	243	527	4154
17:00-18:00	41	165	83	111	1156	442	128	708	222	390	259	510	4215

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
MURRAY BOULEVARD AT BROCKMAN/BEARD ROAD

23948



DATE OF COUNT: 6/8/00
DAY OF WEEK: THUR
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

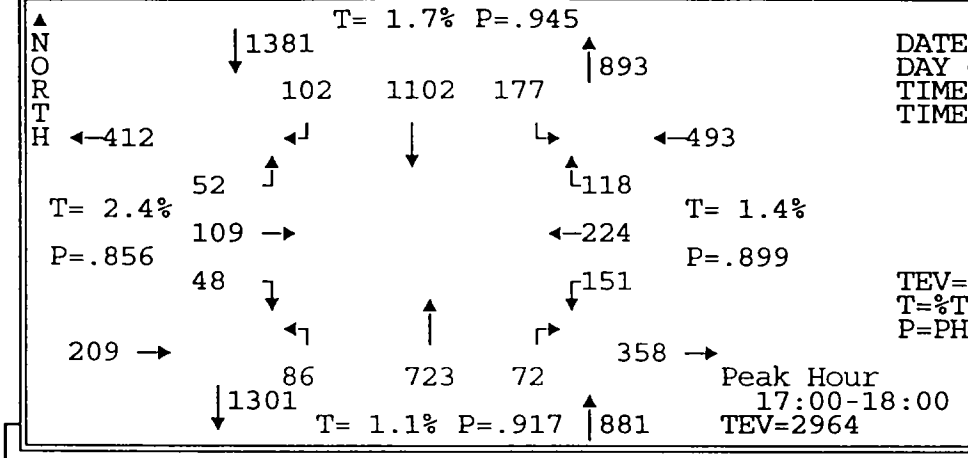
gmac

Peak Hour
17:00-18:00
TEV=2964

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↙	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	4	10	2	5	81	6	3	43	5	3	13	10	185
16:05-16:10	6	11	4	9	62	9	8	61	5	13	13	4	205
16:10-16:15	5	7	0	6	80	11	3	57	2	7	17	7	202
16:15-16:20	5	14	6	4	56	4	7	45	4	6	12	10	173
16:20-16:25	5	6	2	2	81	15	0	63	6	13	12	6	211
16:25-16:30	5	5	1	6	76	12	6	58	7	9	17	8	210
16:30-16:35	2	11	6	7	87	10	6	62	3	8	16	6	224
16:35-16:40	6	11	1	5	65	10	5	52	1	18	29	14	217
16:40-16:45	2	6	4	7	74	12	7	68	6	7	7	11	211
16:45-16:50	1	6	12	3	60	14	9	57	3	11	19	14	209
16:50-16:55	2	9	1	6	90	16	7	62	7	2	11	5	218
16:55-17:00	4	13	3	6	67	14	6	57	2	11	18	6	207
17:00-17:05	4	4	7	7	88	19	10	59	4	11	15	4	232
17:05-17:10	4	8	3	12	90	11	10	53	5	10	18	11	235
17:10-17:15	4	11	5	8	89	25	10	54	5	15	18	16	260
17:15-17:20	8	7	2	9	91	7	5	71	6	8	15	2	231
17:20-17:25	5	11	2	6	89	15	10	62	8	19	22	20	269
17:25-17:30	1	10	1	10	104	12	4	66	8	7	23	5	251
17:30-17:35	5	16	7	7	79	13	7	52	3	18	26	9	242
17:35-17:40	2	6	5	9	105	11	4	65	6	12	17	11	253
17:40-17:45	5	8	7	10	75	15	4	68	3	16	18	10	239
17:45-17:50	2	10	3	11	93	15	8	70	11	10	15	6	254
17:50-17:55	4	13	4	7	84	16	4	50	7	11	22	12	234
17:55-18:00	4	.5	6	6	115	18	10	53	6	14	15	12	264
Total Survey	95	218	94	168	1981	310	153	1408	123	259	408	219	5436
PHF	.71	.74	.68	.85	.94	.8	.72	.89	.75	.82	.79	.78	.972
% Trucks	1.1	2.8	4.3	1.2	2.7	1	2.6	2.1	2.4	3.9	0	.9	2.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	1	0	0	6	0	0	4	0	0	1	0	
Hourly Totals													
16:00-17:00	47	109	42	66	879	133	67	685	51	108	184	101	2472
16:15-17:15	44	104	51	73	923	162	83	690	53	121	192	111	2607
16:30-17:30	43	107	47	86	994	165	89	723	58	127	211	114	2764
16:45-17:45	45	109	55	93	1027	172	86	726	60	140	220	113	2846
17:00-18:00	48	109	52	102	1102	177	86	723	72	151	224	118	2964

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
MURRAY BOULEVARD AT BROCKMAN/BEARD ROAD



DATE OF COUNT: 6/8/00
DAY OF WEEK: THUR
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

gmac

Peak Hour
17:00-18:00
TEV=2964

Traffic Smithy
(503)641-6333

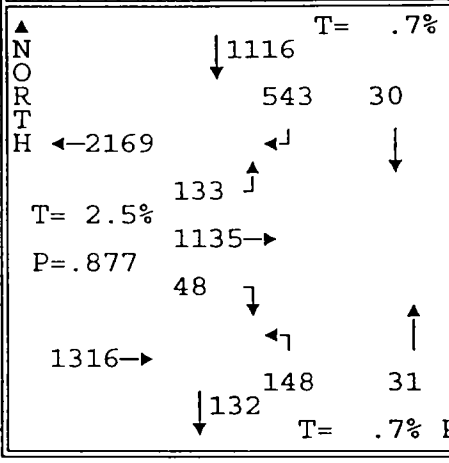
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↴	WEST BOUND ←	WEST BOUND ↲	ALL
ALL VEHICLES													
17:00-17:15	12	23	15	27	267	55	30	166	14	36	51	31	727
17:15-17:30	14	28	5	25	284	34	19	199	22	34	60	27	751
17:30-17:45	12	30	19	26	259	39	15	185	12	46	61	30	734
17:45-18:00	10	28	13	24	292	49	22	173	24	35	52	30	752
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	0	1	0	5	0	0	2	0	1	0	1	10
17:15-17:30	0	0	0	1	6	0	1	1	0	0	0	0	9
17:30-17:45	0	1	2	1	5	0	1	0	0	2	0	1	13
17:45-18:00	0	0	0	0	4	0	0	2	0	2	0	0	8
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	1	0	0	1	0	1	0	0	0	0	0	3
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	1	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	1	0	0	0	0	1
BICYCLES													
17:00-17:15	0	0	0	0	2	0	0	0	1	0	0	0	3
17:15-17:30	0	0	0	0	0	0	0	1	0	0	0	0	1
17:30-17:45	0	0	0	0	1	0	0	2	0	0	0	0	3
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	0	0	0	0
17:15-17:30	1	0	0	0	1
17:30-17:45	0	0	0	0	0
17:45-18:00	0	1	4	1	6

Peak Hour by Movement													
PHF	.86	.91	.68	.94	.94	.8	.72	.91	.75	.82	.92	.95	.985
% Trucks(all)	0	1.8	5.8	2	1.9	0	4.7	.8	0	3.3	0	1.7	1.5
% Trucks(M+H)	0	.9	0	0	.1	0	2.3	.1	0	0	0	0	.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	47	109	42	66	879	133	67	685	51	108	184	101	2472
16:15-17:15	44	104	51	73	923	162	83	690	53	121	192	111	2607
16:30-17:30	43	107	47	86	994	165	89	723	58	127	211	114	2764
16:45-17:45	45	109	55	93	1027	172	86	726	60	140	220	113	2846
17:00-18:00	48	109	52	102	1102	177	86	723	72	151	224	118	2964

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
NIMBUS AVENUE AT SCHOLLS FERRY ROAD



DATE OF COUNT: 6/13/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

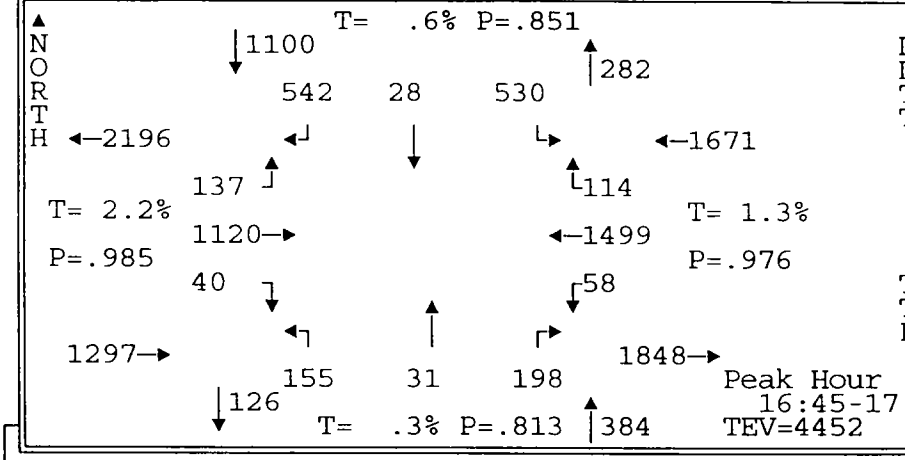
djmk

Peak Hour
16:55-17:55
TEV=4457

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↙	SOUTH BOUND ↓	SOUTH BOUND ↘	NORTH BOUND ↖	NORTH BOUND ↑	NORTH BOUND ↗	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	5	106	14	24	5	41	10	5	11	6	123	17	367
16:05-16:10	12	76	11	30	3	43	6	2	15	8	114	17	337
16:10-16:15	3	102	19	22	1	38	10	0	9	12	128	12	356
16:15-16:20	2	85	12	33	4	42	10	2	10	10	129	17	356
16:20-16:25	9	77	12	31	5	25	5	0	7	9	133	12	325
16:25-16:30	6	74	9	22	3	37	14	3	17	7	133	13	338
16:30-16:35	3	96	6	32	1	23	9	6	21	4	119	8	328
16:35-16:40	2	97	8	41	1	51	11	2	14	7	137	4	375
16:40-16:45	3	88	10	33	2	38	13	4	12	6	135	8	352
16:45-16:50	1	95	14	40	1	25	9	3	19	3	137	12	359
16:50-16:55	5	104	17	26	2	25	9	1	5	9	146	8	357
16:55-17:00	4	80	9	49	2	35	18	4	13	4	96	13	327
17:00-17:05	2	73	15	49	2	53	14	2	30	8	115	11	374
17:05-17:10	10	94	10	43	0	58	7	1	19	5	127	12	386
17:10-17:15	1	100	15	51	2	43	19	3	23	4	134	7	402
17:15-17:20	5	106	10	60	3	53	7	2	18	9	124	8	405
17:20-17:25	2	91	16	47	2	59	16	2	27	5	133	9	409
17:25-17:30	3	86	6	48	5	46	9	7	11	4	95	11	331
17:30-17:35	1	86	8	45	3	47	13	0	9	1	134	12	359
17:35-17:40	5	92	11	43	3	39	16	4	14	3	130	9	369
17:40-17:45	1	113	6	41	3	47	18	2	10	3	128	2	374
17:45-17:50	6	87	17	34	3	39	4	3	22	6	133	8	362
17:50-17:55	8	127	10	33	2	24	7	1	7	2	129	9	359
17:55-18:00	2	89	5	31	7	20	6	0	9	2	134	9	314
Total Survey	101	2224	270	908	65	951	260	59	352	137	3046	248	8621
PHF	.75	.87	.81	.86	.68	.86	.79	.7	.7	.75	.94	.77	.916
% Trucks	0	2.9	.4	.4	3.1	.7	.4	0	1.1	0	1.5	1.6	1.5
Stopped Buses	0	0	0	0	0	0	0	0	0	0	1	0	
Peds	0	9	0	0	0	0	0	0	0	0	17	0	
Hourly Totals													
16:00-17:00	55	1080	141	383	30	423	124	32	153	85	1530	141	4177
16:15-17:15	48	1063	137	450	25	455	138	31	190	76	1541	125	4279
16:30-17:30	41	1110	136	519	23	509	141	37	212	68	1498	111	4405
16:45-17:45	40	1120	137	542	28	530	155	31	198	58	1499	114	4452
17:00-18:00	46	1144	129	525	35	528	136	27	199	52	1516	107	4444

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
NIMBUS AVENUE AT SCHOLLS FERRY ROAD



DATE OF COUNT: 6/13/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

djmk

Peak Hour
16:45-17:45
TEV=4452

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
16:45-17:00	10	279	40	115	5	85	36	8	37	16	379	33	1043
17:00-17:15	13	267	40	143	4	154	40	6	72	17	376	30	1162
17:15-17:30	10	283	32	155	10	158	32	11	56	18	352	28	1145
17:30-17:45	7	291	25	129	9	133	47	6	33	7	392	23	1102
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
16:45-17:00	0	1	0	2	1	1	0	0	0	0	5	0	10
17:00-17:15	0	8	1	1	0	0	0	0	1	0	2	0	13
17:15-17:30	0	8	0	0	0	0	0	0	0	0	4	0	12
17:30-17:45	0	4	0	1	0	0	0	0	0	0	7	0	12
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
16:45-17:00	0	1	0	0	0	0	0	0	0	0	1	0	2
17:00-17:15	0	1	0	0	0	0	0	0	0	0	1	0	2
17:15-17:30	0	1	0	0	0	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
16:45-17:00	0	3	0	0	0	0	0	0	0	0	0	1	4
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	1	0	0	0	1	0	0	0	0	0	0	2
BICYCLES													
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	1	0	0	0	0	0	0	0	0	1	0	2
17:15-17:30	0	0	0	1	0	0	0	0	0	0	1	0	2
17:30-17:45	0	1	0	0	0	0	0	0	0	0	2	0	3

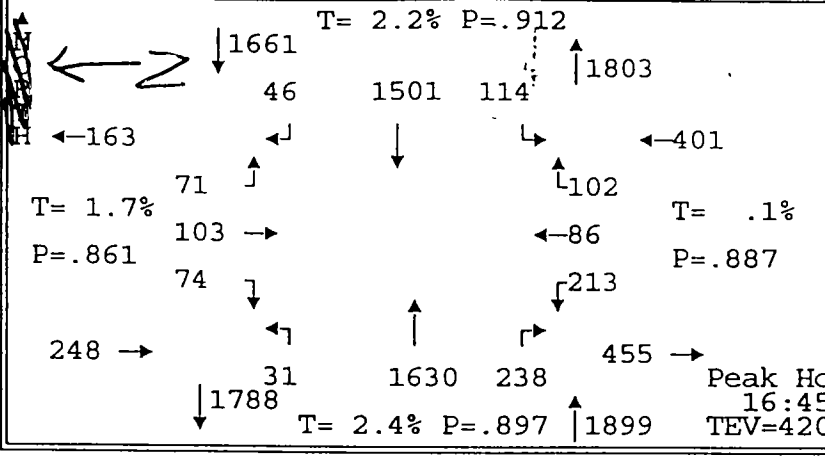
PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
16:45-17:00	0	0	0	2	2
17:00-17:15	1	0	0	5	6
17:15-17:30	0	0	0	1	1
17:30-17:45	1	0	0	5	6

Peak Hour by Movement													
PHF	.77	.96	.86	.87	.7	.84	.82	.7	.69	.81	.96	.86	.957
% Trucks(all)	0	2.5	.7	.7	3.6	.4	0	0	.5	0	1.3	.9	1.3
% Trucks(M+H)	0	.6	0	0	0	.2	0	0	0	0	.1	.9	.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	1	0	

Hourly Totals													
16:00-17:00	55	1080	141	383	30	423	124	32	153	85	1530	141	4177
16:15-17:15	48	1063	137	450	25	455	138	31	190	76	1541	125	4279
16:30-17:30	41	1110	136	519	23	509	141	37	212	68	1498	111	4405
16:45-17:45	40	1120	137	542	28	530	155	31	198	58	1499	114	4452
17:00-18:00	46	1144	129	525	35	528	136	27	199	52	1516	107	4444

INTERSECT: TURN MOVEMENT COUNT SUMMARY EPORT
SCHOOLS FERRY ROAD AT CASCADE AVENUE

19909



DATE OF COUNT: 05/20/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

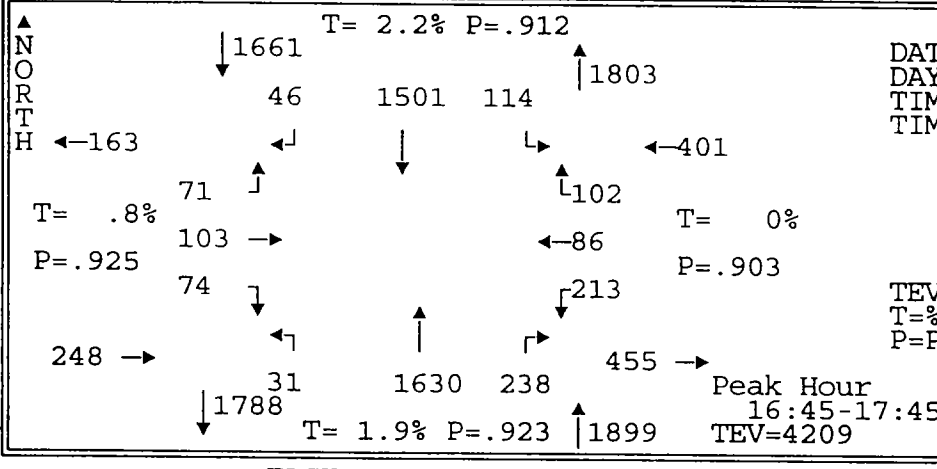
BKNH

Peak Hour
16:45-17:45
TEV=4209

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	5	6	4	9	134	10	3	124	23	15	2	9	344
16:05-16:10	5	18	3	6	109	11	1	153	14	14	7	7	348
16:10-16:15	7	9	3	6	124	8	1	147	11	21	9	5	351
16:15-16:20	15	6	6	2	123	11	3	128	22	19	4	7	346
16:20-16:25	9	8	4	4	123	8	4	118	10	14	5	6	313
16:25-16:30	9	3	3	4	117	12	6	125	13	17	5	10	324
16:30-16:35	4	13	5	8	124	5	2	140	15	12	1	10	339
16:35-16:40	6	9	3	5	126	8	1	134	19	11	4	8	334
16:40-16:45	5	6	3	5	115	14	4	106	18	19	7	8	310
16:45-16:50	7	12	5	6	129	8	2	137	14	11	9	14	354
16:50-16:55	4	8	3	1	142	10	5	138	14	23	5	6	359
16:55-17:00	6	5	9	4	108	10	4	123	13	15	7	6	310
17:00-17:05	8	8	2	1	105	12	2	129	29	19	8	10	333
17:05-17:10	5	6	6	2	127	7	1	148	23	20	3	9	357
17:10-17:15	7	9	9	4	105	13	2	158	22	8	8	14	359
17:15-17:20	8	11	7	4	135	7	3	149	23	26	6	10	389
17:20-17:25	7	7	7	4	119	10	4	153	15	19	8	5	358
17:25-17:30	2	10	8	3	119	11	5	124	14	21	10	6	333
17:30-17:35	8	11	7	4	142	14	2	109	24	16	11	5	353
17:35-17:40	7	11	5	9	133	4	1	132	15	24	8	12	361
17:40-17:45	5	5	3	4	137	8	0	130	32	11	3	5	343
17:45-17:50	4	13	3	3	106	12	3	143	13	8	6	14	328
17:50-17:55	10	6	4	8	144	12	1	112	20	23	3	10	353
17:55-18:00	5	4	5	6	136	4	4	108	11	19	5	11	318
Total Survey	158	204	117	112	2982	229	64	3168	427	405	144	207	8217
PHF	.84	.8	.77	.68	.91	.81	.65	.89	.8	.81	.74	.77	.951
% Trucks	1.9	2	.9	.9	2.3	.4	0	2.7	.7	.2	0	0	2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	3	0	0	2	0	0	1	0	0	0	0	
Hourly Totals													
16:00-17:00	82	103	51	60	1474	115	36	1573	186	191	65	96	4032
16:15-17:15	85	93	58	46	1444	118	36	1584	212	188	66	108	4038
16:30-17:30	69	104	67	47	1454	115	35	1639	219	204	76	106	4135
16:45-17:45	74	103	71	46	1501	114	31	1630	238	213	86	102	4209
17:00-18:00	76	101	66	52	1508	114	28	1595	241	214	79	111	4185

INTERSECTIC TURN MOVEMENT COUNT PEAK HOI REPORT
SCHC LS FERRY ROAD AT CASCADE AVEN E



DATE OF COUNT: 05/20/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

BKNH

Peak Hour
16:45-17:45
TEV=4209

Traffic Smithy
(503)641-6333

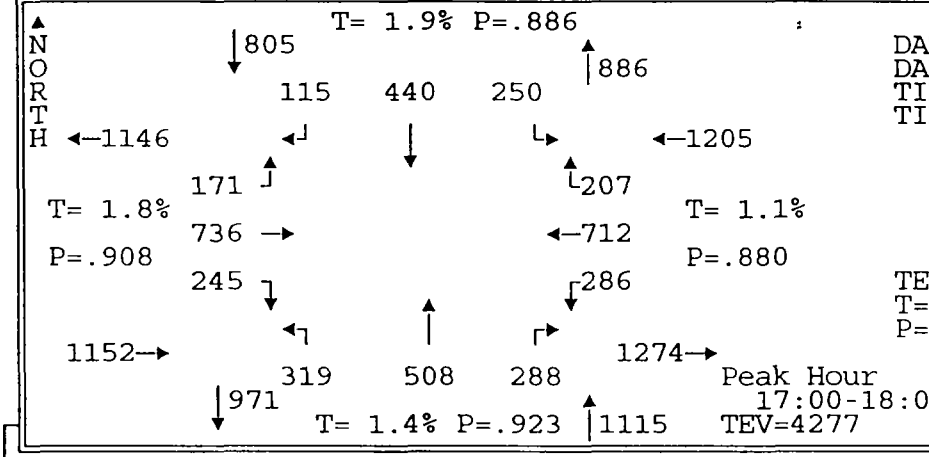
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↱	WEST BOUND ←	WEST BOUND ↰	ALL
ALL VEHICLES													
16:45-17:00	17	25	17	11	379	28	11	398	41	49	21	26	1023
17:00-17:15	20	23	17	7	337	32	5	435	74	47	19	33	1049
17:15-17:30	17	28	22	11	373	28	12	426	52	66	24	21	1080
17:30-17:45	20	27	15	17	412	26	3	371	71	51	22	22	1057
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
16:45-17:00	0	0	0	0	10	0	0	10	0	0	0	0	20
17:00-17:15	1	0	0	1	5	0	0	8	0	0	0	0	15
17:15-17:30	0	0	0	0	9	1	0	8	0	0	0	0	18
17:30-17:45	0	1	0	0	4	0	0	1	0	0	0	0	6
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
16:45-17:00	0	0	0	0	1	0	0	0	0	0	0	0	1
17:00-17:15	0	0	0	0	2	0	0	1	0	0	0	0	3
17:15-17:30	0	0	0	0	0	0	0	1	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
16:45-17:00	0	0	0	0	1	0	0	4	0	0	0	0	5
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	2	0	0	0	0	2
17:30-17:45	0	0	0	0	2	0	0	1	0	0	0	0	3
BICYCLES													
16:45-17:00	0	0	0	0	1	0	0	0	0	0	1	0	2
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	1	0	0	0	0	0	0	0	1	0	0	2
17:30-17:45	0	0	0	0	1	0	0	0	0	0	0	0	1

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
16:45-17:00	1	0	0	0	1
17:00-17:15	0	0	0	0	0
17:15-17:30	0	0	0	0	0
17:30-17:45	0	1	0	0	1

Peak Hour by Movement													
PHF	.93	.92	.81	.68	.91	.89	.65	.94	.8	.81	.9	.77	.974
% Trucks(all)	1.4	1	0	2.2	2.3	.9	0	2.2	0	0	0	0	1.8
% Trucks(M+H)	0	0	0	0	.4	0	0	.6	0	0	0	0	.4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	82	103	51	60	1474	115	36	1573	186	191	65	96	4032
16:15-17:15	85	93	58	46	1444	118	36	1584	212	188	66	108	4038
16:30-17:30	69	104	67	47	1454	115	35	1639	219	204	76	106	4135
16:45-17:45	74	103	71	46	1501	114	31	1630	238	213	86	102	4209
17:00-18:00	76	101	66	52	1508	114	28	1595	241	214	79	111	4185

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
HALL BOULEVARD AT SCHOLLS FERRY ROAD

23931



DATE OF COUNT: 6/14/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

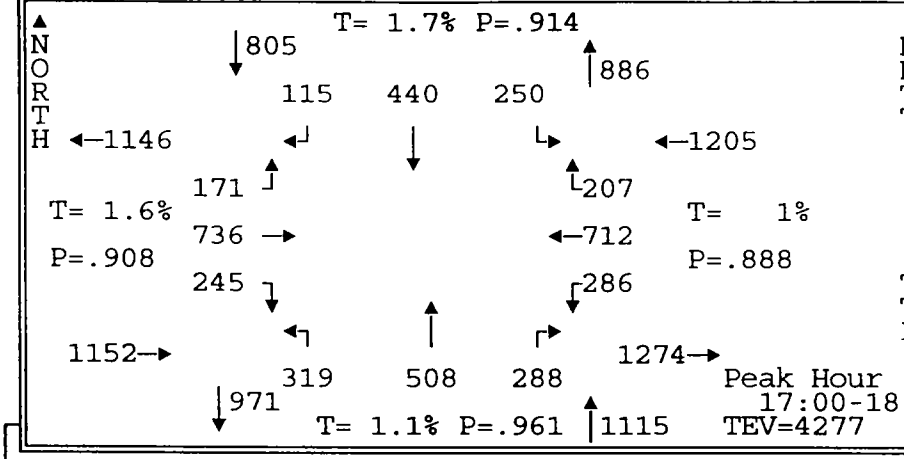
dlyj

Peak Hour
17:00-18:00
TEV=4277

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↰	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	17	46	17	4	43	22	21	32	24	27	50	9	312
16:05-16:10	30	70	14	9	32	13	25	29	18	18	45	14	317
16:10-16:15	24	43	16	14	29	23	28	50	23	25	46	16	337
16:15-16:20	22	70	9	10	45	16	24	32	22	16	64	14	344
16:20-16:25	31	66	15	13	52	22	19	33	18	24	44	14	351
16:25-16:30	11	40	12	11	44	24	21	44	27	19	53	21	327
16:30-16:35	24	70	3	11	33	17	20	28	15	18	56	10	305
16:35-16:40	26	56	17	6	50	17	31	38	20	28	44	14	347
16:40-16:45	15	59	16	12	51	21	19	39	26	23	45	18	344
16:45-16:50	8	70	1	8	29	15	24	30	36	30	73	17	341
16:50-16:55	20	72	15	3	34	19	32	33	23	24	50	15	340
16:55-17:00	22	58	7	10	34	16	19	30	16	17	47	16	292
17:00-17:05	21	58	13	9	21	19	30	48	22	28	78	17	364
17:05-17:10	20	73	17	4	53	21	23	25	18	29	65	13	361
17:10-17:15	13	52	19	13	42	27	28	54	27	19	67	23	384
17:15-17:20	26	63	10	12	36	17	24	47	21	33	77	16	382
17:20-17:25	25	64	17	20	39	21	29	35	32	13	44	19	358
17:25-17:30	29	67	16	10	41	24	23	47	29	7	51	13	357
17:30-17:35	22	54	9	5	26	19	28	55	24	26	57	22	347
17:35-17:40	21	74	16	8	42	16	26	43	18	26	44	15	349
17:40-17:45	17	64	13	8	29	26	24	43	29	23	59	19	354
17:45-17:50	14	31	17	5	27	25	29	38	23	32	68	20	329
17:50-17:55	16	67	10	11	49	15	31	35	24	30	57	17	362
17:55-18:00	21	69	14	10	35	20	24	38	21	20	45	13	330
Total Survey	495	1456	313	226	916	475	602	926	556	555	1329	385	8234
PHF	.77	.94	.87	.64	.84	.93	.95	.88	.85	.84	.85	.89	.948
% Trucks	3	1.6	.6	0	2.9	.6	1	2.1	.9	.5	1.6	.5	1.5
Stopped Buses	0	0	0	0	2	0	0	0	0	0	6	0	
Peds	0	0	0	0	18	0	0	23	0	0	0	0	
Hourly Totals													
16:00-17:00	250	720	142	111	476	225	283	418	268	269	617	178	3957
16:15-17:15	233	744	144	110	488	234	290	434	270	275	686	192	4100
16:30-17:30	249	762	151	118	463	234	302	454	285	269	697	191	4175
16:45-17:45	244	769	153	110	426	240	310	490	295	275	712	205	4229
17:00-18:00	245	736	171	115	440	250	319	508	288	286	712	207	4277

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
HALL BOULEVARD AT SCHOLLS FERRY ROAD



DATE OF COUNT: 6/14/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

dlyj

Peak Hour
17:00-18:00
TEV=4277

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	54	183	49	26	116	67	81	127	67	76	210	53	1109
17:15-17:30	80	194	43	42	116	62	76	129	82	53	172	48	1097
17:30-17:45	60	192	38	21	97	61	78	141	71	75	160	56	1050
17:45-18:00	51	167	41	26	111	60	84	111	68	82	170	50	1021
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	2	1	0	0	4	0	1	3	0	0	4	0	15
17:15-17:30	1	2	1	0	2	0	0	1	0	0	1	0	8
17:30-17:45	2	4	0	0	2	0	1	1	1	0	1	0	12
17:45-18:00	1	2	0	0	4	1	1	1	0	1	4	0	15
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	1	0	0	0	0	0	0	0	1
17:15-17:30	1	1	0	0	0	0	0	0	1	0	0	0	3
17:30-17:45	1	0	0	0	0	0	0	0	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	1	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	1	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	2	0	2
17:15-17:30	0	0	0	0	1	0	0	0	0	0	0	0	1
17:30-17:45	1	3	0	0	1	0	0	0	0	0	0	0	5
17:45-18:00	0	0	0	0	1	0	0	2	0	0	1	0	4

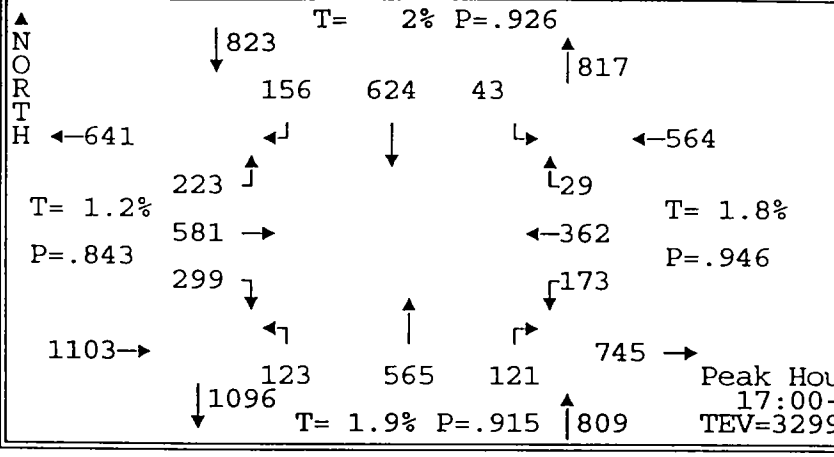
PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	1	6	0	7
17:15-17:30	0	2	6	0	8
17:30-17:45	0	2	2	0	4
17:45-18:00	0	4	1	0	5

Peak Hour by Movement													
PHF	.77	.95	.87	.68	.95	.93	.95	.9	.88	.87	.85	.92	.964
% Trucks(all)	3.3	1.4	.6	0	3	.4	.9	1.4	.7	.3	1.4	.5	1.3
% Trucks(M+H)	.8	.1	0	0	.2	0	0	.2	.3	0	0	.5	.2
Stopped Buses	0	0	0	0	1	0	0	0	0	0	3	0	

Hourly Totals													
16:00-17:00	250	720	142	111	476	225	283	418	268	269	617	178	3957
16:15-17:15	233	744	144	110	488	234	290	434	270	275	686	192	4100
16:30-17:30	249	762	151	118	463	234	302	454	285	269	697	191	4175
16:45-17:45	244	769	153	110	426	240	310	490	295	275	712	205	4229
17:00-18:00	245	736	171	115	440	250	319	508	288	286	712	207	4277

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
ALLEN BOULEVARD AT SCHOLLS FERRY ROAD

27496



DATE OF COUNT: 05/31/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

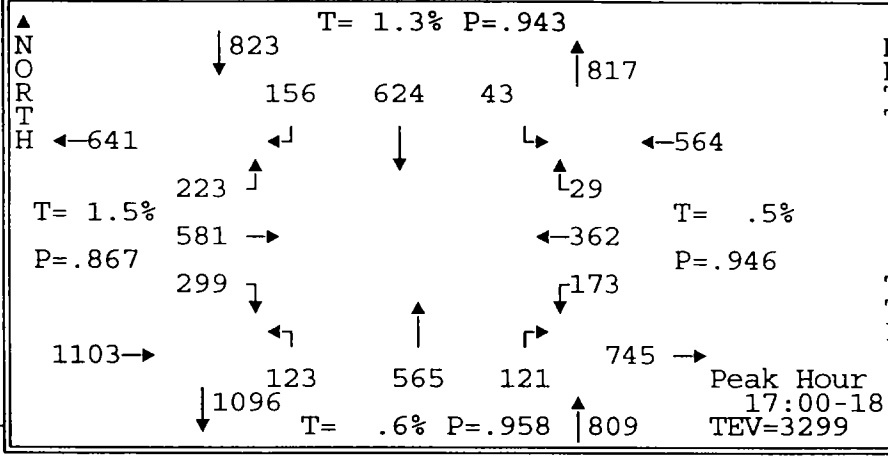
BKUZ

Peak Hour
17:00-18:00
TEV=3299

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↙	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	14	29	15	17	30	3	15	43	16	7	29	1	219
16:05-16:10	23	51	24	11	32	2	22	42	7	8	32	0	254
16:10-16:15	26	49	16	18	49	2	6	35	10	6	26	3	246
16:15-16:20	20	48	9	18	45	3	11	36	12	15	32	7	256
16:20-16:25	17	30	20	16	54	4	17	46	13	7	17	2	243
16:25-16:30	23	44	13	11	47	2	14	45	11	12	27	2	251
16:30-16:35	30	35	13	14	43	0	13	43	13	12	28	2	246
16:35-16:40	29	45	23	18	47	2	9	37	10	7	28	2	257
16:40-16:45	23	44	24	6	47	2	6	35	17	14	37	0	255
16:45-16:50	21	29	8	15	59	4	8	52	12	12	27	3	250
16:50-16:55	13	45	26	7	43	2	12	46	11	8	23	0	236
16:55-17:00	19	43	8	9	52	2	11	51	11	12	37	2	257
17:00-17:05	44	47	19	12	37	2	10	29	10	21	30	3	264
17:05-17:10	30	39	25	13	57	2	10	41	15	13	25	3	273
17:10-17:15	38	61	15	11	48	4	12	43	14	8	35	1	290
17:15-17:20	30	62	27	10	46	6	9	45	14	14	31	4	298
17:20-17:25	17	44	20	13	63	2	14	60	10	14	27	5	289
17:25-17:30	22	53	17	17	53	8	8	43	8	13	35	4	281
17:30-17:35	18	51	12	14	50	2	8	49	10	18	28	5	265
17:35-17:40	21	36	19	6	59	2	11	52	8	16	28	1	259
17:40-17:45	26	55	13	19	55	4	8	55	5	8	24	1	273
17:45-17:50	18	53	24	14	43	6	13	43	6	11	41	1	273
17:50-17:55	12	32	22	15	62	3	10	54	10	24	23	1	268
17:55-18:00	23	48	10	12	51	2	10	51	11	13	35	0	266
Total Survey	557	1073	422	316	1172	71	267	1076	264	293	705	53	6269
PHF	.67	.87	.83	.81	.94	.67	.88	.91	.7	.9	.91	.52	.940
% Trucks	1.4	1	1.4	2.5	1.9	1.4	6	1.1	1.1	.3	2.4	1.9	1.7
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	5	0	0	12	0	0	14	0	0	22	0	
Hourly Totals													
16:00-17:00	258	492	199	160	548	28	144	511	143	120	343	24	2970
16:15-17:15	307	510	203	150	579	29	133	504	149	141	346	27	3078
16:30-17:30	316	547	225	145	595	36	122	525	145	148	363	29	3196
16:45-17:45	299	565	209	146	622	40	121	566	128	157	350	32	3235
17:00-18:00	299	581	223	156	624	43	123	565	121	173	362	29	3299

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
ALLEN BOULEVARD AT SCHOLLS FERRY ROAD



DATE OF COUNT: 05/31/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

BKUZ

Peak Hour
17:00-18:00
TEV=3299

Traffic Smithy
(503)641-6333

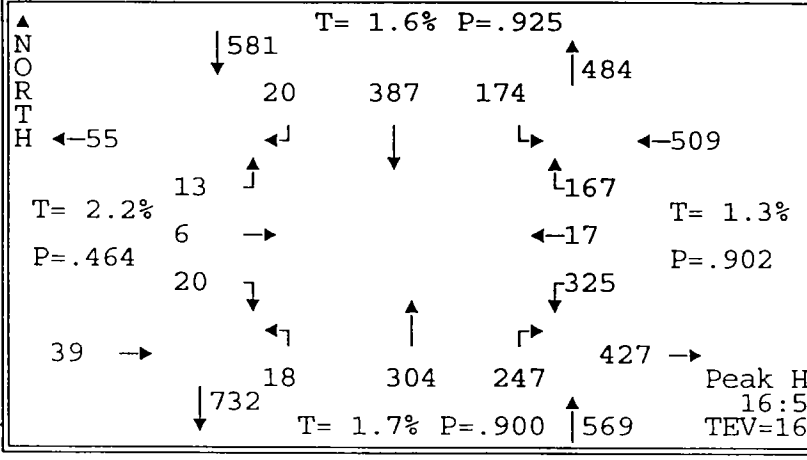
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↱	WEST BOUND ←	WEST BOUND ↰	ALL
ALL VEHICLES													
17:00-17:15	112	147	59	36	142	8	32	113	39	42	90	7	827
17:15-17:30	69	159	64	40	162	16	31	148	32	41	93	13	868
17:30-17:45	65	142	44	39	164	8	27	156	23	42	80	7	797
17:45-18:00	53	133	56	41	156	11	33	148	27	48	99	2	807
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	5	3	1	0	2	0	1	0	0	0	0	1	13
17:15-17:30	2	1	2	0	2	0	0	1	0	0	2	0	10
17:30-17:45	0	1	0	1	3	0	0	1	1	0	0	0	7
17:45-18:00	0	1	1	0	2	0	0	1	0	0	0	0	5
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	1	0	0	0	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	2	0	0	0	0	0	0	0	0	0	0	2
17:15-17:30	0	0	0	0	1	0	0	0	0	0	1	0	2
17:30-17:45	0	1	0	0	0	0	0	1	0	0	0	0	2
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	0	0	3	3
17:15-17:30	0	0	0	1	1
17:30-17:45	1	0	0	0	1
17:45-18:00	1	2	1	0	4

Peak Hour by Movement													
PHF	.67	.91	.87	.95	.95	.67	.93	.91	.78	.9	.91	.56	.950
% Trucks(all)	2.3	1	1.8	.6	1.6	0	.8	.5	.8	0	.6	3.4	1.1
% Trucks(M+H)	0	0	0	0	.2	0	0	0	0	0	0	0	0
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	258	492	199	160	548	28	144	511	143	120	343	24	2970
16:15-17:15	307	510	203	150	579	29	133	504	149	141	346	27	3078
16:30-17:30	316	547	225	145	595	36	122	525	145	148	363	29	3196
16:45-17:45	299	565	209	146	622	40	121	566	128	157	350	32	3235
17:00-18:00	299	581	223	156	624	43	123	565	121	173	362	29	3299

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
OLESON ROAD AT VERMONT STREET

23834



DATE OF COUNT: 06/06/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

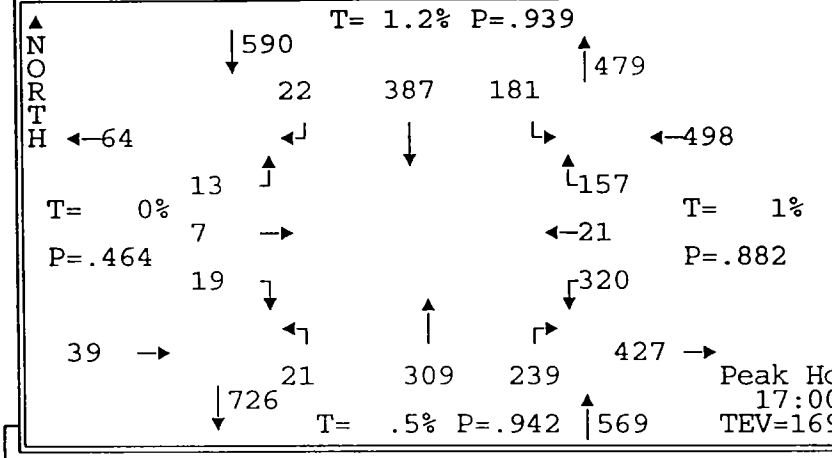
dl

Peak Hour
16:55-17:55
TEV=1698

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↙	SOUTH BOUND ↓	SOUTH BOUND ↘	NORTH BOUND ↖	NORTH BOUND ↑	NORTH BOUND ↗	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	2	0	1	1	23	9	4	19	18	21	3	8	109
16:05-16:10	1	2	1	3	27	19	2	19	11	13	2	16	116
16:10-16:15	6	1	2	0	21	15	4	23	12	17	1	9	111
16:15-16:20	2	0	0	1	29	18	0	25	25	26	2	14	142
16:20-16:25	1	1	5	1	33	12	1	20	13	28	1	7	123
16:25-16:30	1	2	0	1	25	13	1	25	23	20	1	15	127
16:30-16:35	1	3	0	0	27	15	0	16	11	21	0	10	104
16:35-16:40	2	0	2	1	26	17	1	28	15	15	1	10	118
16:40-16:45	1	2	0	0	44	13	1	25	17	23	3	8	137
16:45-16:50	2	0	1	2	25	15	3	13	18	19	1	16	115
16:50-16:55	5	0	3	2	26	19	3	20	12	25	1	14	130
16:55-17:00	3	0	0	3	28	8	1	19	20	28	0	16	126
17:00-17:05	3	1	5	4	39	13	3	20	25	18	1	9	141
17:05-17:10	7	1	1	2	33	12	0	28	16	14	0	15	129
17:10-17:15	1	0	2	1	29	15	0	31	20	33	0	16	148
17:15-17:20	0	0	2	1	38	14	1	26	22	29	3	11	147
17:20-17:25	1	0	0	1	31	14	1	22	11	28	2	12	123
17:25-17:30	1	1	0	2	38	18	0	25	25	25	4	10	149
17:30-17:35	1	0	0	1	30	15	0	25	22	40	0	12	146
17:35-17:40	1	1	0	0	28	18	0	29	19	25	1	21	143
17:40-17:45	1	0	3	2	30	14	3	27	17	24	2	16	139
17:45-17:50	0	1	0	2	32	19	4	30	23	28	1	13	153
17:50-17:55	1	1	0	1	31	14	5	22	27	33	3	16	154
17:55-18:00	2	1	0	5	28	15	4	24	12	23	4	6	124
Total Survey	46	18	28	37	721	354	42	561	434	576	37	300	3154
PHF	.38	.75	.41	.56	.9	.85	.38	.88	.92	.87	.47	.83	.951
% Trucks	2.2	5.6	0	0	1.8	1.4	2.4	1.2	2.3	1.7	2.7	.3	1.6
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	1	0	0	4	0	0	3	0	0	6	0	
Hourly Totals													
16:00-17:00	27	11	15	15	334	173	21	252	195	256	16	143	1458
16:15-17:15	29	10	19	18	364	170	14	270	215	270	11	150	1540
16:30-17:30	27	8	16	19	384	173	14	273	212	278	16	147	1567
16:45-17:45	26	4	17	21	375	175	15	285	227	308	15	168	1636
17:00-18:00	19	7	13	22	387	181	21	309	239	320	21	157	1696

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
OLESON ROAD AT VERMONT STREET



DATE OF COUNT: 06/06/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

dl

Peak Hour
17:00-18:00
TEV=1696

Traffic Smithy
(503)641-6333

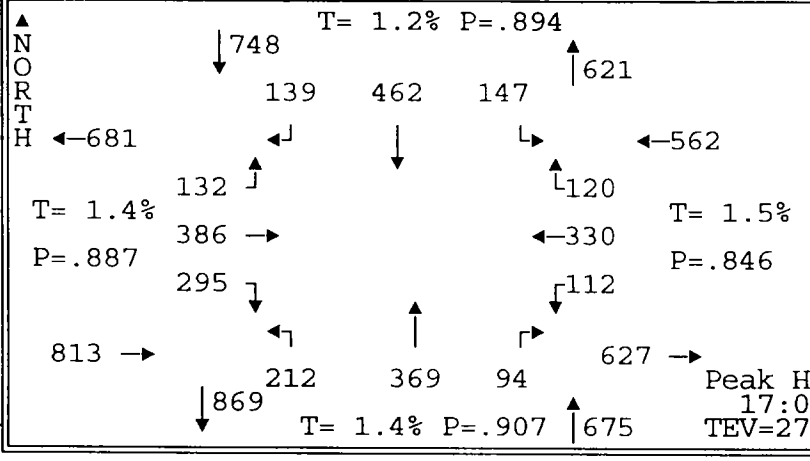
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↓	SOUTH BOUND ←	SOUTH BOUND ↑	NORTH BOUND ↓	NORTH BOUND →	NORTH BOUND ↑	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	11	2	8	7	101	40	3	79	61	65	1	40	418
17:15-17:30	2	1	2	4	107	46	2	73	58	82	9	33	419
17:30-17:45	3	1	3	3	88	47	3	81	58	89	3	49	428
17:45-18:00	3	3	0	8	91	48	13	76	62	84	8	35	431
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	0	0	0	2	0	0	0	1	1	0	0	4
17:15-17:30	0	0	0	0	1	2	0	0	0	0	0	0	3
17:30-17:45	0	0	0	0	2	0	0	0	0	0	0	0	2
17:45-18:00	0	0	0	0	0	0	0	0	1	1	0	1	3
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	1	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	1	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	1	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	1	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	1	0	2	3
17:15-17:30	0	0	0	0	0
17:30-17:45	1	0	3	2	6
17:45-18:00	0	0	0	0	0

Peak Hour by Movement	↓	→	↑	↓	←	↑	↓	→	↑	↓	←	↑	
PHF	.43	.58	.41	.69	.9	.94	.4	.95	.96	.9	.58	.8	.983
% Trucks(all)	0	0	0	0	1.3	1.1	0	0	1.3	1.3	0	.6	.9
% Trucks(M+H)	0	0	0	0	0	0	0	0	.4	.6	0	0	.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	27	11	15	15	334	173	21	252	195	256	16	143	1458
16:15-17:15	29	10	19	18	364	170	14	270	215	270	11	150	1540
16:30-17:30	27	8	16	19	384	173	14	273	212	278	16	147	1567
16:45-17:45	26	4	17	21	375	175	15	285	227	308	15	168	1636
17:00-18:00	19	7	13	22	387	181	21	309	239	320	21	157	1696

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
OELSON ROAD AT GARDEN HOME ROAD



DATE OF COUNT: 03/01/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

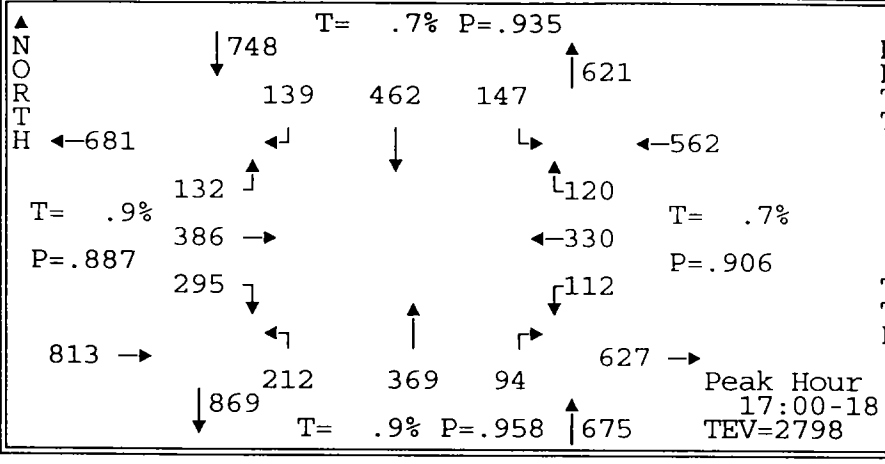
pbay

Peak Hour
17:00-18:00
TEV=2798

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	20	23	1	13	20	15	12	15	10	3	16	3	151
16:05-16:10	22	16	2	11	31	12	17	22	2	6	19	10	170
16:10-16:15	16	27	9	7	28	7	11	28	0	9	14	7	163
16:15-16:20	24	24	8	8	36	9	17	20	5	2	26	11	190
16:20-16:25	18	28	10	10	29	11	23	26	4	7	19	16	201
16:25-16:30	19	23	6	13	46	13	25	35	3	5	19	14	221
16:30-16:35	18	23	6	7	19	11	18	26	4	7	24	17	180
16:35-16:40	10	17	8	12	38	11	12	23	5	11	27	8	182
16:40-16:45	30	36	4	8	38	12	16	21	11	8	26	9	219
16:45-16:50	20	28	11	5	29	15	14	27	4	10	25	10	198
16:50-16:55	22	23	12	12	29	11	20	23	10	9	29	10	210
16:55-17:00	22	14	6	13	34	10	14	34	8	10	31	11	207
17:00-17:05	22	37	10	8	27	11	12	29	5	11	21	7	200
17:05-17:10	30	31	11	16	24	7	21	36	5	6	20	11	218
17:10-17:15	24	35	15	19	41	14	13	27	8	6	19	7	228
17:15-17:20	23	28	10	10	43	14	10	34	3	4	31	9	219
17:20-17:25	24	25	8	14	45	9	19	33	7	14	30	15	243
17:25-17:30	24	31	12	10	46	9	18	35	12	5	33	14	249
17:30-17:35	25	37	10	12	40	11	22	35	5	9	37	9	252
17:35-17:40	24	17	7	12	34	11	26	21	4	10	30	11	207
17:40-17:45	19	35	10	17	32	16	23	33	7	12	22	5	231
17:45-17:50	31	35	13	10	46	19	14	26	11	14	35	5	259
17:50-17:55	21	40	11	7	42	12	11	33	13	11	28	15	244
17:55-18:00	28	35	15	4	42	14	23	27	14	10	24	12	248
Total Survey	536	668	215	258	839	284	411	669	160	199	605	246	5090
PHF	.92	.88	.85	.77	.86	.78	.75	.9	.62	.76	.82	.79	.931
% Trucks	1.7	.6	3.3	1.6	1	1.4	1.9	1	1.3	.5	1.8	1.6	1.4
Stopped Buses	0	3	0	0	0	0	0	0	0	0	0	0	
Peds	0	7	0	0	12	0	0	24	0	0	13	0	
Hourly Totals													
16:00-17:00	241	282	83	119	377	137	199	300	66	87	275	126	2292
16:15-17:15	259	319	107	131	390	135	205	327	72	92	286	131	2454
16:30-17:30	269	328	113	134	413	134	187	348	82	101	316	128	2553
16:45-17:45	279	341	122	148	424	138	212	367	78	106	328	119	2662
17:00-18:00	295	386	132	139	462	147	212	369	94	112	330	120	2798

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
OELSON ROAD AT GARDEN HOME ROAD



DATE OF COUNT: 03/01/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

pbay

Peak Hour
17:00-18:00
TEV=2798

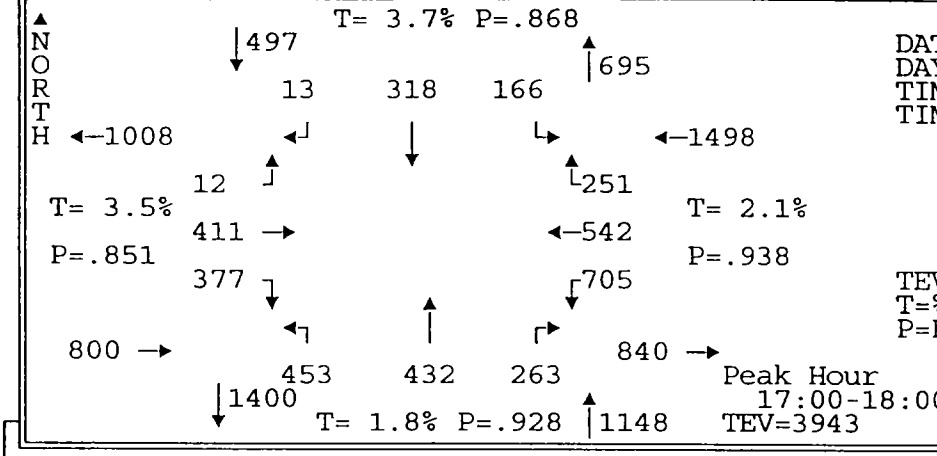
Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	76	103	36	43	92	32	46	92	18	23	60	25	646
17:15-17:30	71	84	30	34	134	32	47	102	22	23	94	38	711
17:30-17:45	68	89	27	41	106	38	71	89	16	31	89	25	690
17:45-18:00	80	110	39	21	130	45	48	86	38	35	87	32	751
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	0	2	0	2	0	1	0	0	0	1	0	6
17:15-17:30	2	0	0	1	0	0	1	0	0	0	1	0	5
17:30-17:45	1	0	0	1	0	0	1	0	1	1	0	0	5
17:45-18:00	1	1	0	0	0	0	1	0	1	0	0	0	4
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	1	0	0	0	0	0	1	0	2
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	1	0	0	0	0	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	2	0	0	0	0	0	0	0	2
17:45-18:00	0	0	0	1	0	0	0	0	0	0	0	0	1

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
17:00-17:15	3	5	1	3	12
17:15-17:30	0	2	8	2	12
17:30-17:45	0	0	1	0	1
17:45-18:00	0	3	3	3	9

Peak Hour by Movement													
PHF	.92	.88	.85	.81	.86	.82	.75	.9	.62	.8	.88	.79	.931
% Trucks(all)	1.4	.3	1.5	1.4	.6	0	1.9	0	2.1	.9	.9	0	.8
% Trucks(M+H)	0	0	0	0	.2	0	0	0	0	0	.3	0	.1
Stopped Buses	0	1	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	241	282	83	119	377	137	199	300	66	87	275	126	2292
16:15-17:15	259	319	107	131	390	135	205	327	72	92	286	131	2454
16:30-17:30	269	328	113	134	413	134	187	348	82	101	316	128	2553
16:45-17:45	279	341	122	148	424	138	212	367	78	106	328	119	2662
17:00-18:00	295	386	132	139	462	147	212	369	94	112	330	120	2798

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CEDAR HILLS BOULEVARD AT BARNES ROAD 24002



DATE OF COUNT: 6/21/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

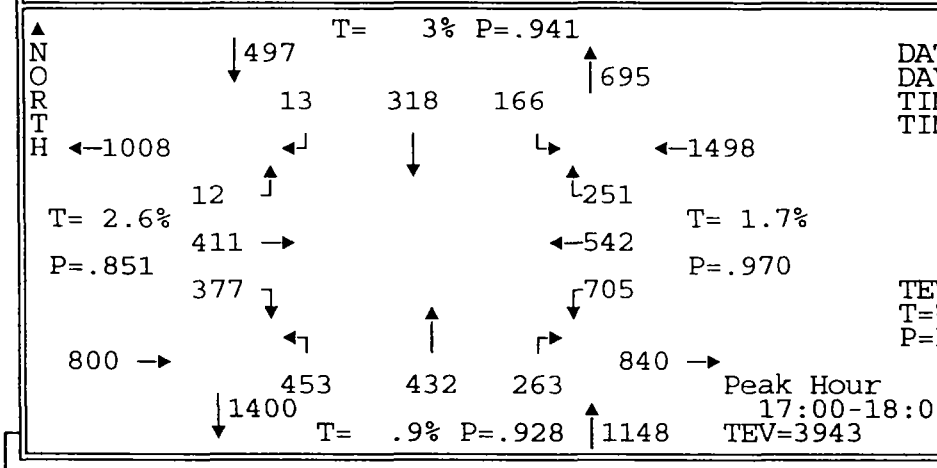
dlyn

Peak Hour
17:00-18:00
TEV=3943

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↓	SOUTH BOUND ←	SOUTH BOUND ↑	NORTH BOUND ↓	NORTH BOUND →	NORTH BOUND ↑	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	21	26	0	0	21	11	32	21	8	44	25	12	221
16:05-16:10	31	24	1	2	19	9	46	35	24	48	28	17	284
16:10-16:15	27	28	1	0	18	10	33	39	23	47	29	16	271
16:15-16:20	29	21	1	0	20	13	28	27	21	46	50	28	284
16:20-16:25	15	16	0	1	24	7	39	18	17	56	32	15	240
16:25-16:30	9	11	0	0	20	12	47	43	26	44	35	12	259
16:30-16:35	37	32	1	3	27	11	23	25	24	59	35	10	287
16:35-16:40	38	34	0	1	19	15	34	34	22	72	43	17	329
16:40-16:45	42	31	1	0	15	17	23	23	32	43	47	20	294
16:45-16:50	26	27	3	1	35	11	15	29	21	51	39	14	272
16:50-16:55	16	35	0	1	28	19	48	25	18	39	33	18	280
16:55-17:00	24	32	1	3	19	11	20	31	26	43	34	15	259
17:00-17:05	38	33	0	0	32	17	37	33	17	57	28	12	304
17:05-17:10	22	33	1	0	22	14	42	35	19	67	49	19	323
17:10-17:15	28	37	2	0	27	19	27	28	33	63	43	17	324
17:15-17:20	28	30	0	0	27	11	49	47	21	58	45	23	339
17:20-17:25	27	34	4	4	34	21	39	33	27	60	42	26	351
17:25-17:30	27	38	0	0	24	11	30	33	18	56	40	24	301
17:30-17:35	38	38	1	4	23	13	45	39	28	52	57	17	355
17:35-17:40	34	38	1	0	20	14	39	40	21	60	52	23	342
17:40-17:45	44	39	2	1	16	13	44	28	25	58	38	26	334
17:45-17:50	37	32	0	0	29	11	42	40	24	63	55	24	357
17:50-17:55	31	33	1	1	27	5	30	37	18	61	51	19	314
17:55-18:00	23	26	0	3	37	17	29	39	12	50	42	21	299
Total Survey	692	728	21	25	583	312	841	782	525	1297	972	445	7223
PHF	.81	.89	.5	.41	.85	.81	.88	.93	.81	.94	.91	.86	.954
% Trucks	2.2	4.7	4.8	8	2.7	5.1	1.5	2.4	1.3	1	2.7	4.3	2.5
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	1	0	0	0	0	0	1	0	0	2	0	
Hourly Totals													
16:00-17:00	315	317	9	12	265	146	388	350	262	592	430	194	3280
16:15-17:15	324	342	10	10	288	166	383	351	276	640	468	197	3455
16:30-17:30	353	396	13	13	309	177	387	376	278	668	478	215	3663
16:45-17:45	352	414	15	14	307	174	435	401	274	664	500	234	3784
17:00-18:00	377	411	12	13	318	166	453	432	263	705	542	251	3943

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
CEDAR HILLS BOULEVARD AT BARNES ROAD



DATE OF COUNT: 6/21/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

dlyn

Peak Hour
17:00-18:00
TEV=3943

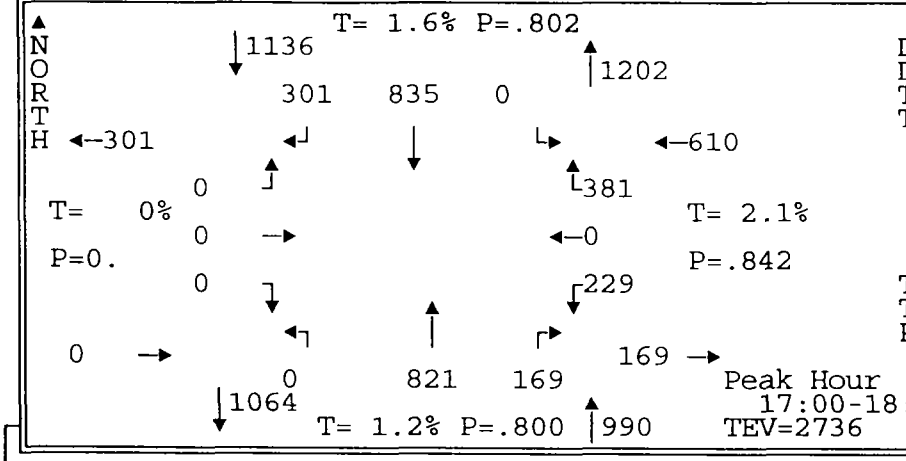
Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	88	103	3	0	81	50	106	96	69	187	120	48	951
17:15-17:30	82	102	4	4	85	43	118	113	66	174	127	73	991
17:30-17:45	116	115	4	5	59	40	128	107	74	170	147	66	1031
17:45-18:00	91	91	1	4	93	33	101	116	54	174	148	64	970
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	1	4	0	0	0	3	1	1	1	1	2	1	15
17:15-17:30	2	1	0	0	4	2	1	1	0	1	4	3	19
17:30-17:45	1	6	0	0	1	2	1	1	0	4	1	4	21
17:45-18:00	1	3	0	0	1	1	0	0	1	0	1	2	10
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	1	0	0	0	0	0	0	0	0	1	0	2
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	1	0	0	0	1	0	1	0	0	0	0	3
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	1	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	3	0	0	0	0	3
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	1	0	0	0	0	0	4	0	0	1	0	6

PEDESTRIANS ---CROSSWALK USEAGE---	SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	0	0	0	0
17:15-17:30	0	0	0	0	0
17:30-17:45	0	0	0	0	0
17:45-18:00	0	0	0	0	0

Peak Hour by Movement													
PHF	.81	.89	.75	.65	.85	.83	.88	.93	.89	.94	.92	.86	.956
% Trucks(all)	1.3	3.9	0	0	1.9	5.4	.7	1.2	.8	.9	1.7	4	1.8
% Trucks(M+H)	0	.5	0	0	0	.6	0	.5	0	0	.2	0	.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	315	317	9	12	265	146	388	350	262	592	430	194	3280
16:15-17:15	324	342	10	10	288	166	383	351	276	640	468	197	3455
16:30-17:30	353	396	13	13	309	177	387	376	278	668	478	215	3663
16:45-17:45	352	414	15	14	307	174	435	401	274	664	500	234	3784
17:00-18:00	377	411	12	13	318	166	453	432	263	705	542	251	3943

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CEDAR HILLS BOULEVARD AT HIGHWAY 26 WESTBOUND RAMPS



DATE OF COUNT: 06/01/00
DAY OF WEEK: THU
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

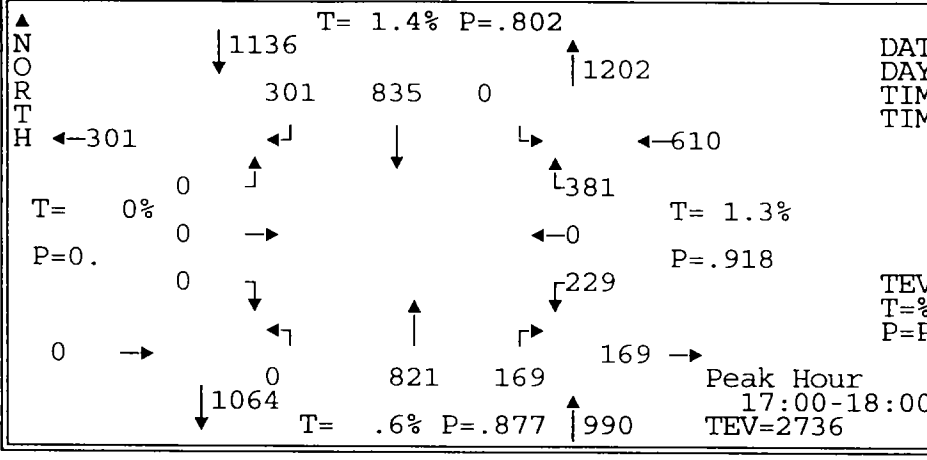
GMBA

Peak Hour
17:00-18:00
TEV=2736

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	0	0	0	27	64	0	0	46	13	17	0	19	186
16:05-16:10	0	0	0	24	59	0	0	49	22	17	0	24	195
16:10-16:15	0	0	0	32	66	0	0	41	13	10	0	26	188
16:15-16:20	0	0	0	21	64	0	0	39	9	13	0	26	172
16:20-16:25	0	0	0	23	58	0	0	50	13	14	0	22	180
16:25-16:30	0	0	0	30	56	0	0	45	7	11	0	24	173
16:30-16:35	0	0	0	20	63	0	0	39	6	15	0	34	177
16:35-16:40	0	0	0	30	66	0	0	52	11	14	0	44	217
16:40-16:45	0	0	0	24	62	0	0	51	10	13	0	23	183
16:45-16:50	0	0	0	39	72	0	0	31	20	13	0	31	206
16:50-16:55	0	0	0	36	72	0	0	38	16	21	0	39	222
16:55-17:00	0	0	0	23	81	0	0	47	12	15	0	25	203
17:00-17:05	0	0	0	28	82	0	0	67	17	19	0	21	234
17:05-17:10	0	0	0	30	99	0	0	51	12	13	0	28	233
17:10-17:15	0	0	0	31	84	0	0	46	22	21	0	44	248
17:15-17:20	0	0	0	23	80	0	0	66	18	16	0	36	239
17:20-17:25	0	0	0	20	67	0	0	63	11	20	0	44	225
17:25-17:30	0	0	0	20	71	0	0	72	15	21	0	29	228
17:30-17:35	0	0	0	17	56	0	0	66	6	22	0	25	192
17:35-17:40	0	0	0	29	56	0	0	92	18	19	0	35	249
17:40-17:45	0	0	0	24	58	0	0	90	10	22	0	18	222
17:45-17:50	0	0	0	29	61	0	0	84	15	19	0	24	232
17:50-17:55	0	0	0	22	60	0	0	59	15	22	0	45	223
17:55-18:00	0	0	0	28	61	0	0	65	10	15	0	32	211
Total Survey	0	0	0	630	1618	0	0	1349	321	402	0	718	5038
PHF	0	0	0	.85	.79	0	0	.77	.81	.91	0	.77	.95
% Trucks	0	0	0	1.1	1.9	0	0	1	1.9	1	0	2.6	1.6
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	0	0	0	329	783	0	0	528	152	173	0	337	2302
16:15-17:15	0	0	0	335	859	0	0	556	155	182	0	361	2448
16:30-17:30	0	0	0	324	899	0	0	623	170	201	0	398	2615
16:45-17:45	0	0	0	320	878	0	0	729	177	222	0	375	2701
17:00-18:00	0	0	0	301	835	0	0	821	169	229	0	381	2736

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
CEDAR HILLS BOULEVARD AT HIGHWAY 26 WESTBOUND RAMPS



DATE OF COUNT: 06/01/00
DAY OF WEEK: THU
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

GMBA

Peak Hour
17:00-18:00
TEV=2736

Traffic Smithy
(503)641-6333

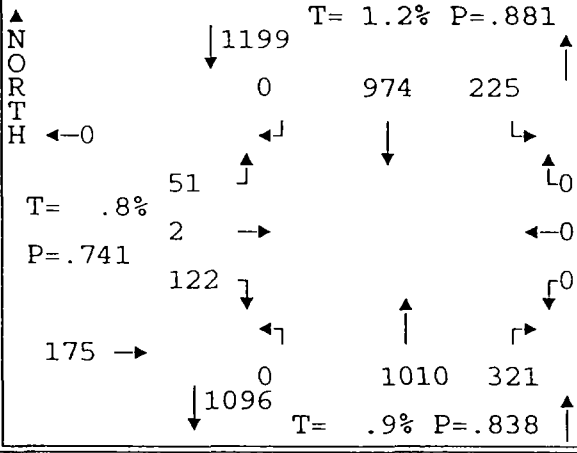
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	0	0	0	89	265	0	0	164	51	53	0	93	715
17:15-17:30	0	0	0	63	218	0	0	201	44	57	0	109	692
17:30-17:45	0	0	0	70	170	0	0	248	34	63	0	78	663
17:45-18:00	0	0	0	79	182	0	0	208	40	56	0	101	666
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	0	0	1	3	0	0	0	0	0	0	1	5
17:15-17:30	0	0	0	0	4	0	0	3	0	2	0	1	10
17:30-17:45	0	0	0	0	3	0	0	2	0	0	0	2	7
17:45-18:00	0	0	0	1	2	0	0	1	0	0	0	2	6
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	1	0	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	1	0	0	0	0	0	0	0	0	1
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	0	0	0	0
17:15-17:30	0	0	0	0	0
17:30-17:45	0	0	0	0	0
17:45-18:00	0	0	0	0	0

Peak Hour by Movement													
PHF	0	0	0	.85	.79	0	0	.83	.83	.91	0	.87	.956
% Trucks(all)	0	0	0	1	1.6	0	0	.7	0	.9	0	1.6	1.1
% Trucks(M+H)	0	0	0	.3	.1	0	0	0	0	0	0	0	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	0	0	0	329	783	0	0	528	152	173	0	337	2302
16:15-17:15	0	0	0	335	859	0	0	556	155	182	0	361	2448
16:30-17:30	0	0	0	324	899	0	0	623	170	201	0	398	2615
16:45-17:45	0	0	0	320	878	0	0	729	177	222	0	375	2701
17:00-18:00	0	0	0	301	835	0	0	821	169	229	0	381	2736

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CEDAR HILLS BOULEVARD AT HIGHWAY 26 EB RAMPS



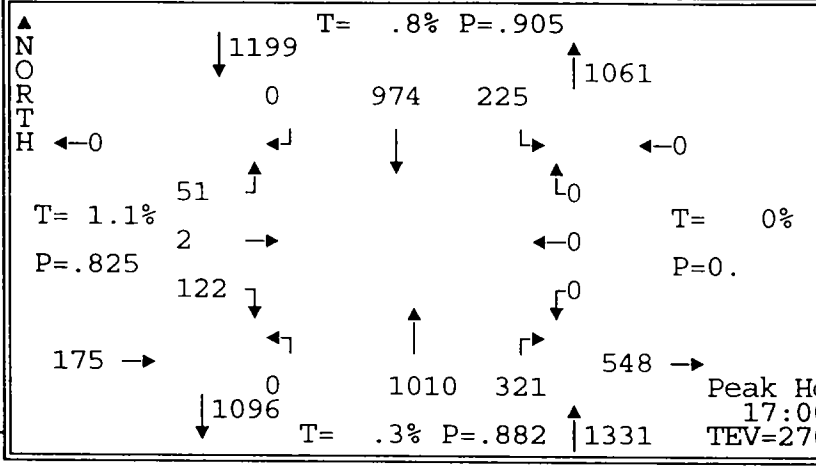
DATE OF COUNT: 06/01/00
DAY OF WEEK: THU
TIME STARTED: 16:00
TIME ENDED: 18:00

BK09

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	18	0	9	0	59	19	0	70	21	0	0	0	196
16:05-16:10	15	0	3	0	53	24	0	66	29	0	0	0	190
16:10-16:15	14	0	4	0	62	19	0	53	19	0	0	0	171
16:15-16:20	12	0	2	0	70	9	0	52	30	0	0	0	175
16:20-16:25	12	0	3	0	57	19	0	60	26	0	0	0	177
16:25-16:30	11	0	6	0	51	27	0	59	26	0	0	0	180
16:30-16:35	11	0	3	0	62	21	0	43	20	0	0	0	160
16:35-16:40	10	1	3	0	59	20	0	66	18	0	0	0	177
16:40-16:45	10	0	4	0	59	24	0	59	23	0	0	0	179
16:45-16:50	10	0	4	0	61	29	1	50	25	0	0	0	180
16:50-16:55	6	0	3	0	76	19	0	51	25	0	0	0	180
16:55-17:00	6	0	5	0	74	23	0	60	25	0	0	0	193
17:00-17:05	10	0	5	0	82	16	0	82	27	0	0	0	222
17:05-17:10	9	0	5	0	99	20	0	70	29	0	0	0	232
17:10-17:15	19	0	5	0	88	26	0	75	29	0	0	0	242
17:15-17:20	17	0	4	0	88	19	0	74	28	0	0	0	230
17:20-17:25	4	0	4	0	88	16	0	89	19	0	0	0	220
17:25-17:30	10	0	2	0	88	15	0	91	35	0	0	0	241
17:30-17:35	15	0	1	0	83	15	0	90	38	0	0	0	242
17:35-17:40	5	0	2	0	59	24	0	119	24	0	0	0	233
17:40-17:45	8	0	3	0	86	16	0	80	26	0	0	0	219
17:45-17:50	10	0	10	0	80	17	0	87	24	0	0	0	228
17:50-17:55	4	0	3	0	76	16	0	73	24	0	0	0	196
17:55-18:00	11	2	7	0	57	25	0	80	18	0	0	0	200
Total Survey	257	3	100	0	1717	478	1	1699	608	0	0	0	4863
PHF	.68	.25	.64	0	.89	.87	0	.84	.83	0	0	0	.944
% Trucks	.8	33.3	0	0	.9	2.1	0	1	.5	0	0	0	1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	135	1	49	0	743	253	1	689	287	0	0	0	2158
16:15-17:15	126	1	48	0	838	253	1	727	303	0	0	0	2297
16:30-17:30	122	1	47	0	924	248	1	810	303	0	0	0	2456
16:45-17:45	119	0	43	0	972	238	1	931	330	0	0	0	2634
17:00-18:00	122	2	51	0	974	225	0	1010	321	0	0	0	2705

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
CEDAR HILLS BOULEVARD AT HIGHWAY 26 EB RAMPS



DATE OF COUNT: 06/01/00
DAY OF WEEK: THU
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

BK09

Peak Hour
17:00-18:00
TEV=2705

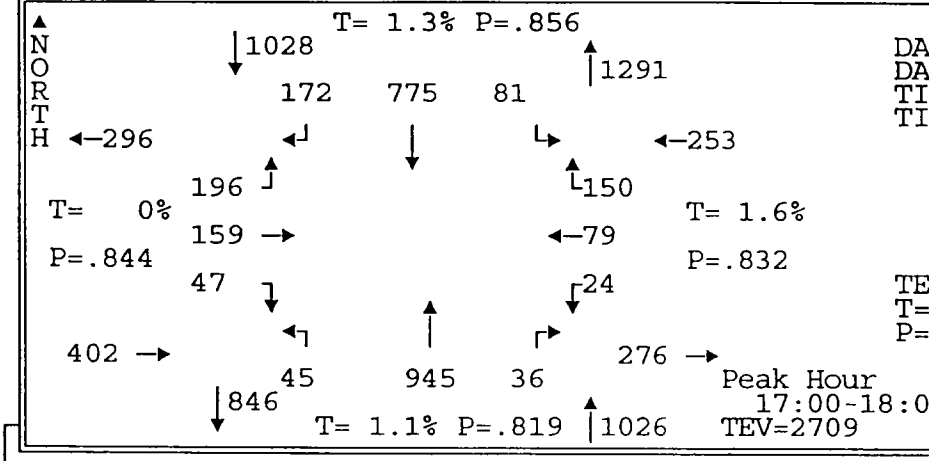
Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	38	0	15	0	269	62	0	227	85	0	0	0	696
17:15-17:30	31	0	10	0	264	50	0	254	82	0	0	0	691
17:30-17:45	28	0	6	0	228	55	0	289	88	0	0	0	694
17:45-18:00	25	2	20	0	213	58	0	240	66	0	0	0	624
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	0	0	0	1	1	0	1	0	0	0	0	3
17:15-17:30	0	0	0	0	2	1	0	1	0	0	0	0	4
17:30-17:45	0	0	0	0	1	0	0	1	0	0	0	0	2
17:45-18:00	0	1	0	0	1	1	0	1	0	0	0	0	4
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	1	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	1	0	0	0	0	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	0	0	0	0
17:15-17:30	0	0	0	0	0
17:30-17:45	0	0	0	0	0
17:45-18:00	0	0	0	0	0

Peak Hour by Movement													
PHF	.8	.25	.64	0	.91	.91	0	.87	.91	0	0	0	.971
% Trucks(all)	.8	50	0	0	.5	1.8	0	.4	0	0	0	0	.6
% Trucks(M+H)	.8	0	0	0	0	.4	0	0	0	0	0	0	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	135	1	49	0	743	253	1	689	287	0	0	0	2158
16:15-17:15	126	1	48	0	838	253	1	727	303	0	0	0	2297
16:30-17:30	122	1	47	0	924	248	1	810	303	0	0	0	2456
16:45-17:45	119	0	43	0	972	238	1	931	330	0	0	0	2634
17:00-18:00	122	2	51	0	974	225	0	1010	321	0	0	0	2705

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CEDAR HILLS BOULEVARD AT BUTNER ROAD



DATE OF COUNT: 6/1/00
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

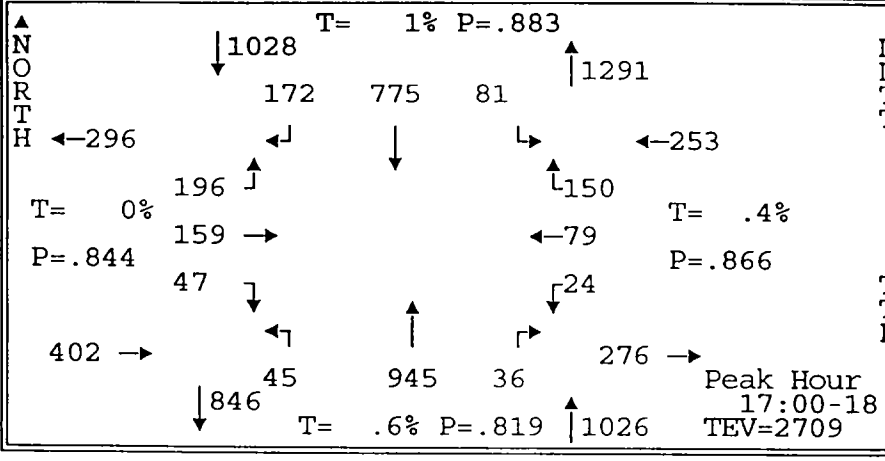
gmbb

Peak Hour
17:00-18:00
TEV=2709

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	3	7	9	6	43	6	1	64	0	2	5	7	153
16:05-16:10	2	4	12	13	41	5	2	57	2	5	2	12	157
16:10-16:15	2	8	4	7	57	13	0	68	2	2	4	7	174
16:15-16:20	3	13	9	10	57	8	3	64	2	2	5	7	183
16:20-16:25	1	7	11	13	46	11	3	62	1	3	2	14	174
16:25-16:30	2	8	8	7	47	6	2	62	2	1	7	7	159
16:30-16:35	3	6	12	11	51	10	1	43	3	1	2	7	150
16:35-16:40	5	6	12	8	46	10	0	60	1	1	4	7	160
16:40-16:45	2	5	16	6	50	7	6	58	1	0	8	8	167
16:45-16:50	0	12	11	12	41	5	6	52	2	1	8	10	160
16:50-16:55	4	4	4	18	63	3	1	69	2	1	4	7	180
16:55-17:00	4	10	10	10	63	3	3	68	2	2	6	7	188
17:00-17:05	6	10	11	9	70	2	4	69	2	5	14	18	220
17:05-17:10	4	11	20	14	82	8	3	70	2	1	5	8	228
17:10-17:15	3	19	16	13	84	9	4	80	4	3	3	16	254
17:15-17:20	5	13	15	11	70	9	5	66	0	0	2	11	207
17:20-17:25	5	15	23	15	68	7	1	95	3	1	8	11	252
17:25-17:30	2	13	14	15	74	8	5	73	3	1	9	23	240
17:30-17:35	4	8	15	12	63	12	6	104	6	3	8	12	253
17:35-17:40	2	12	12	10	42	5	5	99	4	1	10	8	210
17:40-17:45	3	10	12	14	65	6	2	86	1	3	8	8	218
17:45-17:50	5	24	26	22	57	8	1	63	6	1	6	13	232
17:50-17:55	4	14	18	22	50	4	4	65	3	4	4	12	204
17:55-18:00	4	10	14	15	50	3	5	75	2	1	2	10	191
Total Survey	78	249	314	293	1380	168	73	1672	56	45	136	250	4714
PHF	.9	.83	.84	.73	.82	.75	.7	.82	.69	.67	.73	.82	.909
% Trucks	0	0	0	.7	1.4	1.8	1.4	1.1	1.8	4.4	.7	1.6	1.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	3	0	0	2	0	0	2	0	0	3	0	
Hourly Totals													
16:00-17:00	31	90	118	121	605	87	28	727	20	21	57	100	2005
16:15-17:15	37	111	140	131	700	82	36	757	24	21	68	116	2223
16:30-17:30	43	124	164	142	762	81	39	803	25	17	73	133	2406
16:45-17:45	42	137	163	153	785	77	45	931	31	22	85	139	2610
17:00-18:00	47	159	196	172	775	81	45	945	36	24	79	150	2709

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
CEDAR HILLS BOULEVARD AT BUTNER ROAD



DATE OF COUNT: 6/1/00
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

gmbb

Peak Hour
17:00-18:00
TEV=2709

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	13	40	47	36	236	19	11	219	8	9	22	42	702
17:15-17:30	12	41	52	41	212	24	11	234	6	2	19	45	699
17:30-17:45	9	30	39	36	170	23	13	289	11	7	26	28	681
17:45-18:00	13	48	58	59	157	15	10	203	11	6	12	35	627
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	0	0	0	2	0	0	1	1	0	0	1	5
17:15-17:30	0	0	0	1	3	0	0	1	0	0	0	0	5
17:30-17:45	0	0	0	0	1	1	0	0	0	0	0	0	2
17:45-18:00	0	0	0	0	1	0	0	0	0	0	0	0	1
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	1	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	1	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	1	0	0	0	0	0	0	0	0	0	1
17:45-18:00	0	1	0	0	0	0	0	0	0	0	0	0	1

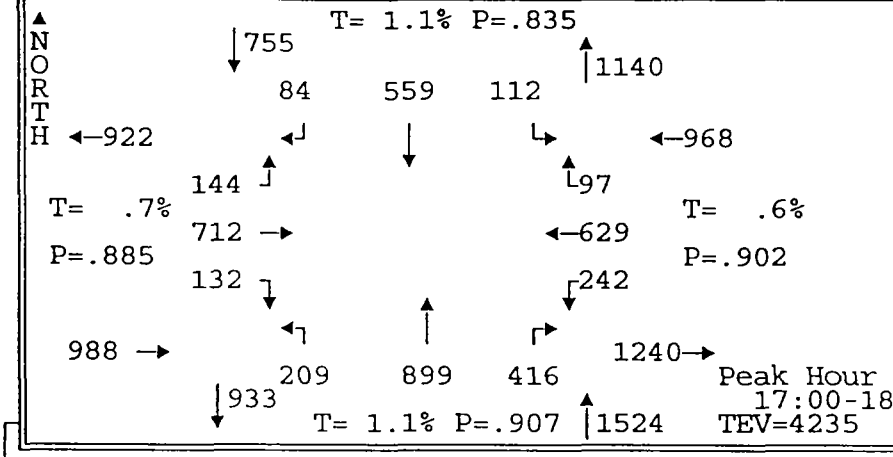
PEDESTRIANS — CROSSWALK USEAGE	SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	0	0	0	0
17:15-17:30	0	0	0	1	1
17:30-17:45	2	0	2	0	4
17:45-18:00	0	0	0	0	0

Peak Hour by Movement													
PHF	.9	.83	.84	.73	.82	.84	.87	.82	.82	.67	.76	.83	.964
% Trucks(all)	0	0	0	.6	1	1.2	0	.5	2.8	0	0	.7	.6
% Trucks(M+H)	0	0	0	0	.1	0	0	0	0	0	0	0	0
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	31	90	118	121	605	87	28	727	20	21	57	100	2005
16:15-17:15	37	111	140	131	700	82	36	757	24	21	68	116	2223
16:30-17:30	43	124	164	142	762	81	39	803	25	17	73	133	2406
16:45-17:45	42	137	163	153	785	77	45	931	31	22	85	139	2610
17:00-18:00	47	159	196	172	775	81	45	945	36	24	79	150	2709

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CEDAR HILLS BOULEVARD AT WALKER ROAD

23850



DATE OF COUNT: 6/7/00
DAY OF WEEK: Wed
TIME STARTED: 16:30
TIME ENDED: 18:30

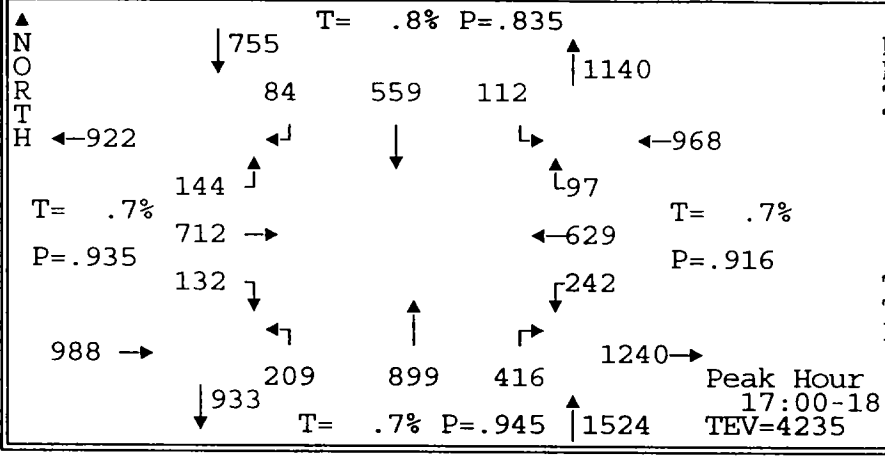
TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

dlyc

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↙	SOUTH BOUND ↓	SOUTH BOUND ↘	NORTH BOUND ↖	NORTH BOUND ↑	NORTH BOUND ↗	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:30-16:35	7	60	5	3	31	8	13	55	22	20	51	8	283
16:35-16:40	17	47	13	11	34	11	20	55	34	20	50	7	319
16:40-16:45	9	47	7	9	53	9	17	56	38	16	38	4	303
16:45-16:50	8	47	9	11	45	12	14	67	31	20	38	9	311
16:50-16:55	9	49	15	5	44	12	21	72	24	22	35	5	313
16:55-17:00	9	39	6	7	43	9	12	65	24	22	37	9	282
17:00-17:05	9	62	12	6	32	11	11	73	35	25	47	9	332
17:05-17:10	8	63	9	5	44	8	26	95	35	15	45	3	356
17:10-17:15	7	51	15	9	52	8	21	63	30	21	58	10	345
17:15-17:20	14	71	9	10	45	5	28	92	30	14	46	5	369
17:20-17:25	9	63	14	11	65	16	21	82	32	14	57	13	397
17:25-17:30	11	43	14	13	50	11	18	57	33	22	60	10	342
17:30-17:35	6	61	5	5	32	6	14	86	40	24	63	5	347
17:35-17:40	19	69	8	3	39	10	21	96	38	20	30	11	364
17:40-17:45	15	59	22	5	50	6	16	56	36	14	56	7	342
17:45-17:50	14	60	13	4	57	8	16	77	34	20	51	7	361
17:50-17:55	10	65	7	9	44	9	8	58	41	26	52	10	339
17:55-18:00	10	45	16	4	49	14	9	64	32	27	64	7	341
18:00-18:05	7	58	0	10	40	8	17	73	19	26	44	10	312
18:05-18:10	16	63	7	5	41	11	16	61	33	24	39	8	324
18:10-18:15	8	60	11	8	33	8	17	69	22	17	55	8	316
18:15-18:20	17	64	13	16	40	11	24	67	27	11	53	11	354
18:20-18:25	13	67	11	15	34	8	15	59	32	14	48	4	320
18:25-18:30	14	40	16	7	45	9	8	59	23	15	45	5	286
Total Survey	266	1353	257	191	1042	228	403	1657	745	469	1162	185	7958
PHF	.69	.94	.84	.62	.86	.85	.7	.9	.91	.83	.87	.87	.952
% Trucks	1.1	.6	.8	0	1.5	0	.2	1.3	1.2	.6	.7	0	.9
Stopped Buses	0	0	0	0	0	0	0	0	0	0	1	0	
Peds	0	0	0	0	5	0	0	10	0	0	1	0	
Hourly Totals													
16:30-17:30	117	642	128	100	538	120	222	832	368	231	562	92	3952
16:45-17:45	124	677	138	90	541	114	223	904	388	233	572	96	4100
17:00-18:00	132	712	144	84	559	112	209	899	416	242	629	97	4235
17:15-18:15	139	717	126	87	545	112	201	871	390	248	617	101	4154
17:30-18:30	149	711	129	91	504	108	181	825	377	238	600	93	4006

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
CEDAR HILLS BOULEVARD AT WALKER ROAD



DATE OF COUNT: 6/7/00
DAY OF WEEK: Wed
TIME STARTED: 16:30
TIME ENDED: 18:30

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

dlyc

Peak Hour
17:00-18:00
TEV=4235

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	24	176	36	20	128	27	58	231	100	61	150	22	1033
17:15-17:30	34	177	37	34	160	32	67	231	95	50	163	28	1108
17:30-17:45	40	189	35	13	121	22	51	238	114	58	149	23	1053
17:45-18:00	34	170	36	17	150	31	33	199	107	73	167	24	1041
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	3	0	0	2	0	0	2	0	0	3	0	10
17:15-17:30	0	0	1	0	1	0	0	1	1	0	1	0	5
17:30-17:45	0	0	0	0	1	0	0	3	0	2	1	0	7
17:45-18:00	1	0	1	0	2	0	0	1	0	0	0	0	5
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	1	0	0	0	0	0	1	0	0	0	0	2
17:15-17:30	0	0	0	0	0	0	0	1	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	1	0	0	0	0	0	0	0	0	0	0	1
17:15-17:30	0	1	0	0	0	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	1	0	0	0	0	0	0	0	0	0	0	1

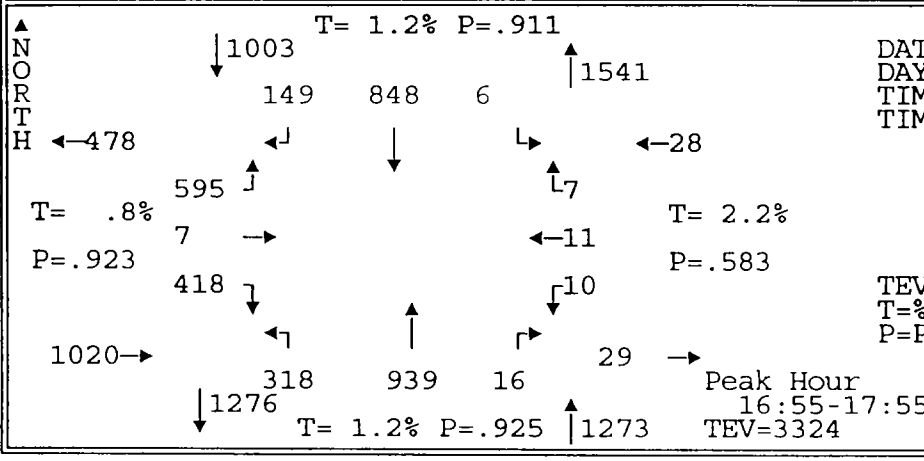
PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
17:00-17:15	0	0	0	0	0
17:15-17:30	0	2	2	0	4
17:30-17:45	0	0	2	1	3
17:45-18:00	0	2	1	0	3

Peak Hour by Movement													
PHF	.82	.94	.97	.62	.87	.88	.78	.94	.91	.83	.94	.87	.955
% Trucks(all)	.8	.6	1.4	0	1.1	0	0	1	.2	.8	.8	0	.7
% Trucks(M+H)	0	.1	0	0	0	0	0	.2	0	0	0	0	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:30-17:30	117	642	128	100	538	120	222	832	368	231	562	92	3952
16:45-17:45	124	677	138	90	541	114	223	904	388	233	572	96	4100
17:00-18:00	132	712	144	84	559	112	209	899	416	242	629	97	4235
17:15-18:15	139	717	126	87	545	112	201	871	390	248	617	101	4154
17:30-18:30	149	711	129	91	504	108	181	825	377	238	600	93	4006

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CEDAR HILLS BOULEVARD AT JENKINS ROAD

27514



DATE OF COUNT: 06/01/00
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

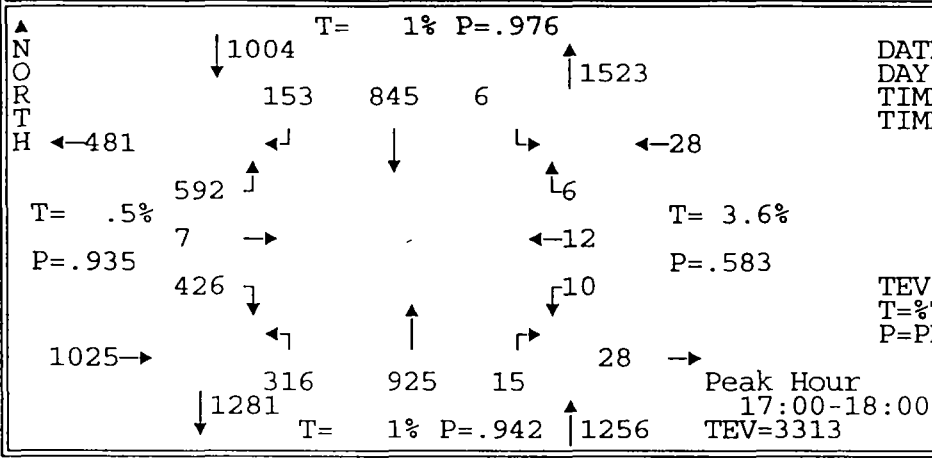
erlk

Peak Hour
16:55-17:55

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	27	0	31	12	65	0	20	66	0	1	1	0	223
16:05-16:10	29	0	41	14	79	1	17	63	0	0	0	0	244
16:10-16:15	35	1	34	14	76	0	21	71	1	0	0	1	254
16:15-16:20	19	0	57	15	62	0	29	63	5	1	1	0	252
16:20-16:25	30	0	43	13	64	0	24	81	2	1	0	1	259
16:25-16:30	42	1	32	10	63	0	25	71	0	0	0	1	245
16:30-16:35	23	4	32	11	80	1	19	71	0	0	0	0	241
16:35-16:40	27	0	50	8	50	0	18	57	0	1	0	0	211
16:40-16:45	18	0	30	12	80	1	30	70	1	1	1	3	247
16:45-16:50	36	0	50	17	70	0	15	60	1	0	0	0	249
16:50-16:55	35	0	49	13	69	0	23	73	0	2	0	0	264
16:55-17:00	37	2	50	9	58	1	29	90	3	0	0	1	280
17:00-17:05	34	1	53	11	53	0	10	70	0	2	0	0	234
17:05-17:10	20	1	40	12	84	1	29	76	1	0	2	0	266
17:10-17:15	28	0	54	19	77	0	27	84	2	0	0	1	292
17:15-17:20	34	0	46	8	73	1	40	84	0	2	1	1	290
17:20-17:25	33	0	48	15	61	1	32	73	2	0	2	1	268
17:25-17:30	32	0	58	16	75	0	27	75	0	2	2	1	288
17:30-17:35	44	0	42	12	79	2	31	79	1	0	0	0	290
17:35-17:40	39	1	47	16	62	0	23	64	3	0	0	0	255
17:40-17:45	42	1	53	6	80	0	25	81	2	1	1	2	294
17:45-17:50	35	1	53	15	71	0	22	76	2	2	1	0	278
17:50-17:55	40	0	51	10	75	0	23	87	0	1	2	0	289
17:55-18:00	45	2	47	13	55	1	27	76	2	0	1	0	269
Total Survey	784	15	1091	301	1661	10	586	1761	28	17	15	13	6282
PHF	.84	.44	.95	.85	.91	.5	.8	.96	.57	.63	.55	.58	.965
% Trucks	.8	0	.8	2.3	1	0	1.2	1.2	0	0	6.7	0	1.1
Stopped Buses	0	0	0	0	0	0	0	5	0	0	0	0	
Peds	0	20	0	0	8	0	0	15	0	0	12	0	
Hourly Totals													
16:00-17:00	358	8	499	148	816	4	270	836	13	7	3	7	2969
16:15-17:15	349	9	540	150	810	4	278	866	15	8	4	7	3040
16:30-17:30	357	8	560	151	830	6	299	883	10	10	8	8	3130
16:45-17:45	414	6	590	154	841	6	311	909	15	9	8	7	3270
17:00-18:00	426	7	592	153	845	6	316	925	15	10	12	6	3313

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
CEDAR HILLS BOULEVARD AT JENKINS ROAD



DATE OF COUNT: 06/01/00
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

erlk

Peak Hour
17:00-18:00

Traffic Smithy
(503)641-6333

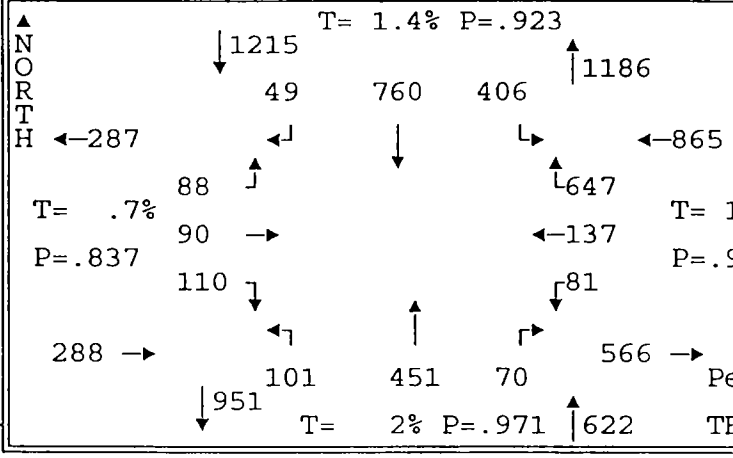
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↓	SOUTH BOUND ←	SOUTH BOUND ↑	NORTH BOUND ↓	NORTH BOUND →	NORTH BOUND ↑	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	82	2	147	42	214	1	66	230	3	2	2	1	792
17:15-17:30	99	0	152	39	209	2	99	232	2	4	5	3	846
17:30-17:45	125	2	142	34	221	2	79	224	6	1	1	2	839
17:45-18:00	120	3	151	38	201	1	72	239	4	3	4	0	836
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	1	0	1	0	5	0	1	0	0	0	0	0	8
17:15-17:30	0	0	1	0	0	0	1	3	0	0	0	0	5
17:30-17:45	0	0	0	0	2	0	0	2	0	0	0	0	4
17:45-18:00	1	0	1	1	1	0	1	2	0	0	1	0	8
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	3	0	0	0	0	3
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	1	0	0	0	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	1	0	0	0	1
17:45-18:00	1	0	1	0	0	0	0	0	0	0	0	0	2

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
17:00-17:15	3	1	5	1	10
17:15-17:30	2	1	3	1	7
17:30-17:45	2	0	3	1	6
17:45-18:00	3	0	1	1	5

Peak Hour by Movement													
PHF	.85	.58	.97	.91	.96	.75	.8	.97	.63	.63	.6	.5	.979
% Trucks(all)	.5	0	.5	.7	1.1	0	.9	1.1	0	0	8.3	0	.9
% Trucks(M+H)	0	0	0	0	.1	0	0	.3	0	0	0	0	.1
Stopped Buses	0	0	0	0	0	0	0	1	0	0	0	0	

Hourly Totals													
16:00-17:00	358	8	499	148	816	4	270	836	13	7	3	7	2969
16:15-17:15	349	9	540	150	810	4	278	866	15	8	4	7	3040
16:30-17:30	357	8	560	151	830	6	299	883	10	10	8	8	3130
16:45-17:45	414	6	590	154	841	6	311	909	15	9	8	7	3270
17:00-18:00	426	7	592	153	845	6	316	925	15	10	12	6	3313

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CEDAR HILLS BOULEVARD AT HALL BOULEVARD 24003



DATE OF COUNT: 06/21/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

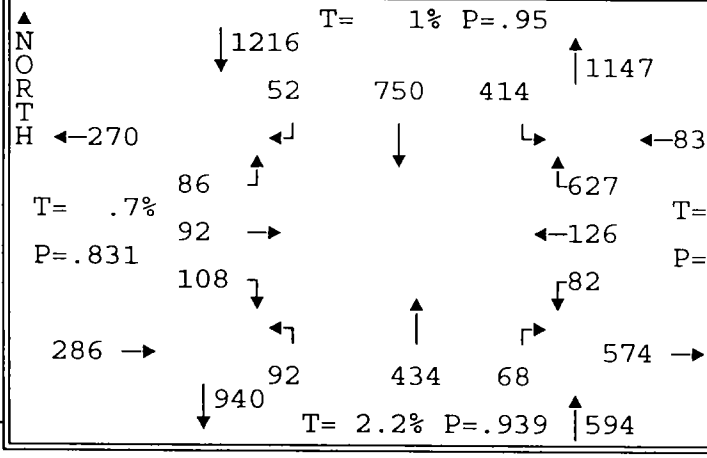
BKVP

Peak Hour
16:55-17:55
TEV=2990

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	WEST BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	13	9	8	6	52	24	8	27	1	5	14	46	213
16:05-16:10	8	9	7	7	51	25	6	24	6	4	16	45	208
16:10-16:15	7	11	7	5	72	35	5	34	6	6	9	44	241
16:15-16:20	14	14	6	3	45	29	11	26	3	11	17	61	240
16:20-16:25	10	5	7	3	45	27	9	36	3	9	7	52	213
16:25-16:30	9	10	11	2	48	30	5	24	2	7	12	34	194
16:30-16:35	14	7	2	5	53	28	11	34	7	2	12	55	230
16:35-16:40	6	9	7	2	53	37	8	28	7	6	7	56	226
16:40-16:45	5	14	5	3	60	33	13	34	8	5	13	47	240
16:45-16:50	11	2	10	2	52	32	6	31	6	7	15	57	231
16:50-16:55	8	9	11	4	39	21	10	29	4	6	10	53	204
16:55-17:00	12	5	6	2	63	35	13	44	4	3	16	59	262
17:00-17:05	3	10	5	6	57	28	10	35	0	11	9	54	228
17:05-17:10	11	6	5	3	76	25	5	42	5	9	10	57	254
17:10-17:15	10	9	10	7	58	35	7	43	3	8	19	62	271
17:15-17:20	13	4	7	2	68	38	11	34	5	4	13	55	254
17:20-17:25	12	9	11	3	67	35	9	39	4	5	9	56	259
17:25-17:30	14	7	9	3	62	32	10	41	5	6	9	54	252
17:30-17:35	9	4	3	4	56	25	7	30	8	12	13	63	234
17:35-17:40	6	9	7	5	67	24	9	37	13	4	7	41	229
17:40-17:45	4	4	7	5	61	44	7	20	10	5	10	53	230
17:45-17:50	5	15	12	6	63	42	5	51	8	9	12	55	283
17:50-17:55	11	8	6	3	62	43	8	35	5	5	10	38	234
17:55-18:00	10	7	4	5	53	43	4	27	2	4	5	39	203
Total Survey	225	196	173	96	1383	770	197	805	125	153	274	1236	5633
PHF	.71	.8	.79	.77	.94	.79	.84	.93	.56	.72	.82	.93	.953
% Trucks	1.3	0	.6	0	1.8	.9	0	2.7	.8	2	.7	1.1	1.4
Stopped Buses	0	0	0	0	3	0	0	2	0	0	3	0	
Peds	0	34	0	0	21	0	0	27	0	0	86	0	
Hourly Totals													
16:00-17:00	117	104	87	44	633	356	105	371	57	71	148	609	2702
16:15-17:15	113	100	85	42	649	360	108	406	52	84	147	647	2793
16:30-17:30	119	91	88	42	708	379	113	434	58	72	142	665	2911
16:45-17:45	113	78	91	46	726	374	104	425	67	80	140	664	2908
17:00-18:00	108	92	86	52	750	414	92	434	68	82	126	627	2931

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
CEDAR HILLS BOULEVARD AT HALL BOULEVARD



DATE OF COUNT: 06/21/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

BKVP

Peak Hour
17:00-18:00
TEV=2931

Traffic Smithy
(503)641-6333

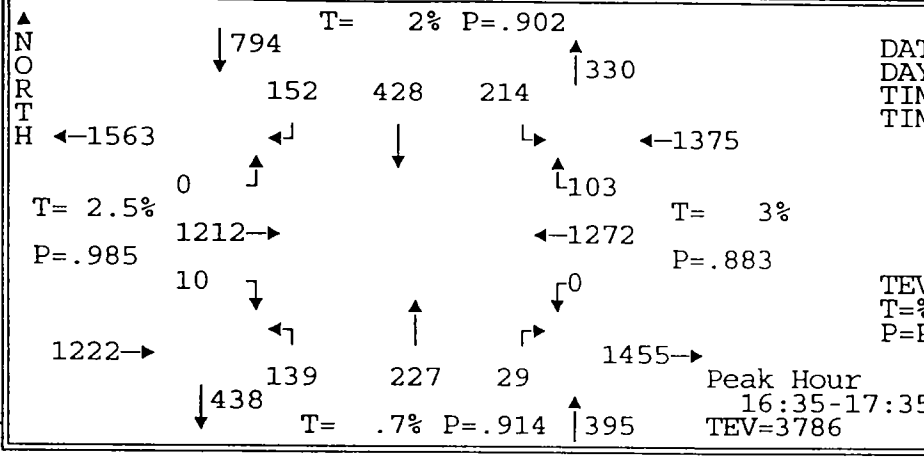
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	24	25	20	16	191	88	22	120	8	28	38	173	753
17:15-17:30	39	20	27	8	197	105	30	114	14	15	31	165	765
17:30-17:45	19	17	17	14	184	93	23	87	31	21	30	157	693
17:45-18:00	26	30	22	14	178	128	17	113	15	18	27	132	720
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	0	0	0	2	2	0	2	0	0	0	1	7
17:15-17:30	1	0	0	0	2	0	0	4	0	0	0	2	9
17:30-17:45	0	0	0	0	1	1	0	1	0	0	0	1	4
17:45-18:00	0	0	1	0	2	0	0	3	0	0	0	0	6
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	1	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	1	0	0	0	0	1
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	1	0	0	1	0	0	0	0	2
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	1	0	0	0	0	0	0	0	1
BICYCLES													
17:00-17:15	0	0	0	0	0	1	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	1	0	0	1	0	0	0	0	2
17:30-17:45	0	1	0	0	0	0	0	0	0	0	0	1	2
17:45-18:00	0	2	0	0	0	3	0	0	0	0	0	0	5

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
17:00-17:15	4	1	8	10	23
17:15-17:30	1	0	2	15	18
17:30-17:45	4	3	2	10	19
17:45-18:00	5	0	2	8	15

Peak Hour by Movement													
PHF	.69	.77	.8	.81	.95	.81	.77	.9	.55	.73	.83	.91	.957
% Trucks(all)	.9	0	1.2	0	1.2	.7	0	3	0	0	0	.6	1.1
% Trucks(M+H)	0	0	0	0	.3	0	0	.7	0	0	0	0	.2
Stopped Buses	0	0	0	0	2	0	0	2	0	0	1	0	
Hourly Totals													
16:00-17:00	117	104	87	44	633	356	105	371	57	71	148	609	2702
16:15-17:15	113	100	85	42	649	360	108	406	52	84	147	647	2793
16:30-17:30	119	91	88	42	708	379	113	434	58	72	142	665	2911
16:45-17:45	113	78	91	46	726	374	104	425	67	80	140	664	2908
17:00-18:00	108	92	86	52	750	414	92	434	68	82	126	627	2931

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CANYON ROAD AT CEDAR HILLS BOULEVARD

23949



DATE OF COUNT: 06/08/00
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

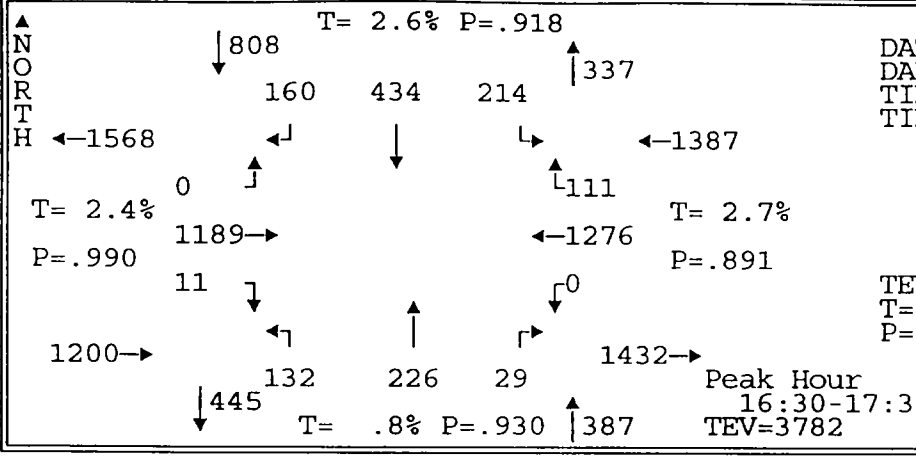
GMAH

Peak Hour
16:35-17:35
TEV=3786

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↙	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↰	ALL
16:00-16:05	1	58	0	14	24	17	10	12	2	0	93	8	239
16:05-16:10	2	93	0	14	33	10	9	16	0	0	119	6	302
16:10-16:15	1	99	0	10	27	11	12	16	0	0	120	10	306
16:15-16:20	0	83	0	12	33	18	9	20	0	0	103	5	283
16:20-16:25	0	90	0	6	34	13	10	19	2	0	104	10	288
16:25-16:30	2	75	0	10	25	9	8	17	2	0	116	11	275
16:30-16:35	1	95	0	16	44	8	7	23	2	0	115	12	323
16:35-16:40	0	94	0	14	38	18	16	24	3	0	103	8	318
16:40-16:45	0	113	0	14	34	14	13	15	1	0	107	7	318
16:45-16:50	0	89	0	10	37	17	9	22	1	0	111	9	305
16:50-16:55	0	106	0	14	33	15	9	18	3	0	121	13	332
16:55-17:00	2	104	0	10	22	13	11	17	4	0	130	5	318
17:00-17:05	0	97	0	13	33	27	6	27	3	0	100	14	320
17:05-17:10	0	99	0	16	33	24	12	14	3	0	83	11	295
17:10-17:15	0	102	0	18	34	19	13	14	2	0	102	6	310
17:15-17:20	0	109	0	15	40	19	11	13	3	0	110	14	334
17:20-17:25	1	86	0	6	46	19	11	14	1	0	105	10	299
17:25-17:30	7	95	0	14	40	21	14	25	3	0	89	2	310
17:30-17:35	0	118	0	8	38	8	14	24	2	0	111	4	327
17:35-17:40	0	91	0	8	37	20	15	21	4	0	99	7	302
17:40-17:45	1	88	0	12	37	21	9	20	4	0	106	4	302
17:45-17:50	0	91	0	4	39	14	10	24	1	0	111	4	298
17:50-17:55	1	94	0	15	37	22	13	20	1	0	111	4	318
17:55-18:00	1	104	0	12	44	20	8	19	3	0	118	10	339
Total Survey	20	2273	0	285	842	397	259	454	50	0	2587	194	7361
PHF	.31	.98	0	.78	.85	.76	.89	.9	.73	0	.88	.8	.975
% Trucks	0	2.5	0	1.1	1.2	4.5	1.2	.4	0	0	2.6	7.7	2.4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	3	0	0	1	0	0	31	0	0	20	0	
Hourly Totals													
16:00-17:00	9	1099	0	144	384	163	123	219	20	0	1342	104	3607
16:15-17:15	5	1147	0	153	400	195	123	230	26	0	1295	111	3685
16:30-17:30	11	1189	0	160	434	214	132	226	29	0	1276	111	3782
16:45-17:45	11	1184	0	144	430	223	134	229	33	0	1267	99	3754
17:00-18:00	11	1174	0	141	458	234	136	235	30	0	1245	90	3754

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
CANYON ROAD AT CEDAR HILLS BOULEVARD



DATE OF COUNT: 06/08/00
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

GMAH

Peak Hour
16:30-17:30

Traffic Smithy
(503)641-6333

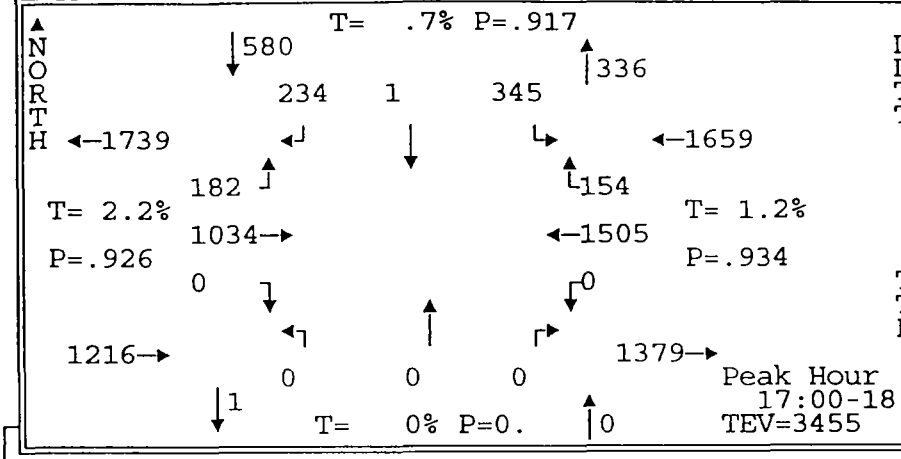
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
16:30-16:45	1	302	0	44	116	40	36	62	6	0	325	27	959
16:45-17:00	2	299	0	34	92	45	29	57	8	0	362	27	955
17:00-17:15	0	298	0	47	100	70	31	55	8	0	285	31	925
17:15-17:30	8	290	0	35	126	59	36	52	7	0	304	26	943
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
16:30-16:45	0	7	0	1	2	2	1	0	0	0	8	1	22
16:45-17:00	0	2	0	0	2	0	0	0	0	0	5	2	11
17:00-17:15	0	4	0	0	1	3	0	1	0	0	5	1	15
17:15-17:30	0	6	0	1	1	5	0	0	0	0	6	2	21
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
16:30-16:45	0	1	0	0	0	0	1	0	0	0	1	0	3
16:45-17:00	0	0	0	0	0	0	0	0	0	0	1	0	1
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	2	0	0	0	0	0	0	0	0	0	0	2
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
16:30-16:45	0	3	0	0	1	0	0	0	0	0	1	0	5
16:45-17:00	0	2	0	0	0	0	0	0	0	0	1	1	4
17:00-17:15	0	2	0	1	0	1	0	0	0	0	1	0	5
17:15-17:30	0	0	0	0	0	0	0	0	0	0	1	0	1
BICYCLES													
16:30-16:45	0	0	0	0	1	0	0	0	0	0	0	0	1
16:45-17:00	0	1	0	0	0	0	0	1	0	0	0	0	2
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
16:30-16:45	0	0	4	6	10
16:45-17:00	0	0	4	1	5
17:00-17:15	0	0	1	4	5
17:15-17:30	2	0	3	5	10

Peak Hour by Movement													
PHF	.34	.98	0	.85	.86	.76	.92	.91	.91	0	.88	.9	.985
% Trucks(all)	0	2.4	0	1.9	1.6	5.1	1.5	.4	0	0	2.4	6.3	2.4
% Trucks(M+H)	0	.8	0	.6	.2	.5	.8	0	0	0	.5	.9	.6
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	9	1099	0	144	384	163	123	219	20	0	1342	104	3607
16:15-17:15	5	1147	0	153	400	195	123	230	26	0	1295	111	3685
16:30-17:30	11	1189	0	160	434	214	132	226	29	0	1276	111	3782
16:45-17:45	11	1184	0	144	430	223	134	229	33	0	1267	99	3754
17:00-18:00	11	1174	0	141	458	234	136	235	30	0	1245	90	3754

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CEDAR HILLS BOULEVARD AT FARMINGTON ROAD 23828



DATE OF COUNT: 06/06/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

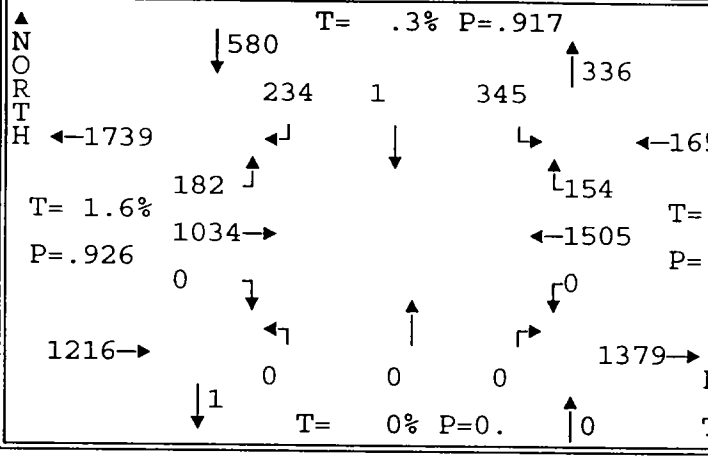
ERLN

Peak Hour
17:00-18:00
TEV=3455

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	0	79	14	5	0	8	0	0	0	0	111	14	231
16:05-16:10	0	77	14	18	0	24	0	0	0	0	104	12	249
16:10-16:15	0	106	20	19	0	28	0	0	0	0	100	15	288
16:15-16:20	0	87	9	15	0	22	0	0	0	0	108	13	254
16:20-16:25	0	72	15	23	0	15	0	0	0	0	110	23	258
16:25-16:30	0	103	14	18	0	17	0	0	0	0	119	12	283
16:30-16:35	0	77	18	20	0	23	0	0	0	0	114	12	264
16:35-16:40	0	82	12	10	0	27	0	0	0	0	108	9	248
16:40-16:45	0	86	25	16	0	27	0	0	0	0	98	10	262
16:45-16:50	0	98	14	13	0	23	0	0	0	0	137	13	298
16:50-16:55	0	109	14	17	0	25	0	0	0	0	119	12	296
16:55-17:00	0	84	10	19	0	25	0	0	0	0	100	16	254
17:00-17:05	0	79	15	19	0	26	0	0	0	0	84	6	229
17:05-17:10	0	87	14	22	0	18	0	0	0	0	129	13	283
17:10-17:15	0	95	11	18	0	21	0	0	0	0	116	12	273
17:15-17:20	0	76	15	17	0	31	0	0	0	0	140	15	294
17:20-17:25	0	65	18	17	0	40	0	0	0	0	128	14	282
17:25-17:30	0	96	11	14	1	31	0	0	0	0	135	10	298
17:30-17:35	0	90	11	18	0	27	0	0	0	0	128	15	289
17:35-17:40	0	101	12	17	0	30	0	0	0	0	127	13	300
17:40-17:45	0	79	13	25	0	30	0	0	0	0	130	16	293
17:45-17:50	0	90	27	25	0	30	0	0	0	0	133	13	318
17:50-17:55	0	86	12	18	0	28	0	0	0	0	135	17	296
17:55-18:00	0	90	23	24	0	33	0	0	0	0	120	10	300
Total Survey	0	2094	361	427	1	609	0	0	0	0	2833	315	6640
PHF	0	.9	.73	.86	.25	.85	0	0	0	0	.93	.84	.945
% Trucks	0	2.6	0	.2	0	1	0	0	0	0	1.3	.3	1.5
Stopped Buses	0	0	0	0	0	0	0	0	0	0	6	0	
Peds	0	0	0	0	17	0	0	0	0	0	8	0	
Hourly Totals													
16:00-17:00	0	1060	179	193	0	264	0	0	0	0	1328	161	3185
16:15-17:15	0	1059	171	210	0	269	0	0	0	0	1342	151	3202
16:30-17:30	0	1034	177	202	1	317	0	0	0	0	1408	142	3281
16:45-17:45	0	1059	158	216	1	327	0	0	0	0	1473	155	3389
17:00-18:00	0	1034	182	234	1	345	0	0	0	0	1505	154	3455

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
CEDAR HILLS BOULEVARD AT FARMINGTON ROAD



DATE OF COUNT: 06/06/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

ERLN

Peak Hour
17:00-18:00
TEV=3455

Traffic Smithy
(503)641-6333

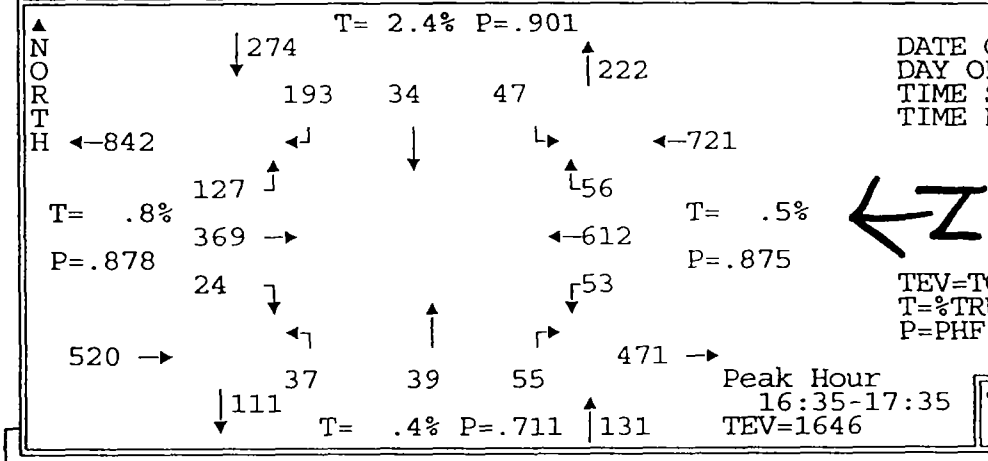
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	0	261	40	59	0	65	0	0	0	0	329	31	785
17:15-17:30	0	237	44	48	1	102	0	0	0	0	403	39	874
17:30-17:45	0	270	36	60	0	87	0	0	0	0	385	44	882
17:45-18:00	0	266	62	67	0	91	0	0	0	0	388	40	914
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	6	0	0	0	1	0	0	0	0	4	0	11
17:15-17:30	0	2	0	0	0	0	0	0	0	0	8	0	10
17:30-17:45	0	4	0	0	0	1	0	0	0	0	5	0	10
17:45-18:00	0	5	0	0	0	0	0	0	0	0	4	0	9
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	1	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	2	0	0	0	0	0	0	0	0	0	0	2
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	1	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
17:00-17:15	0	2	0	1	3
17:15-17:30	0	1	0	1	2
17:30-17:45	0	1	0	0	1
17:45-18:00	0	2	0	1	3

Peak Hour by Movement													
PHF	0	.96	.73	.87	.25	.85	0	0	0	0	.93	.88	.945
% Trucks(all)	0	1.8	0	0	0	.6	0	0	0	0	1.5	.6	1.3
% Trucks(M+H)	0	.2	0	0	0	0	0	0	0	0	.1	.6	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	4	0	

Hourly Totals													
16:00-17:00	0	1060	179	193	0	264	0	0	0	0	1328	161	3185
16:15-17:15	0	1059	171	210	0	269	0	0	0	0	1342	151	3202
16:30-17:30	0	1034	177	202	1	317	0	0	0	0	1408	142	3281
16:45-17:45	0	1059	158	216	1	327	0	0	0	0	1473	155	3389
17:00-18:00	0	1034	182	234	1	345	0	0	0	0	1505	154	3455

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
HALL BOULEVARD AT CENTER STREET



DATE OF COUNT: 6/8/00
DAY OF WEEK: THU
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

gmaj

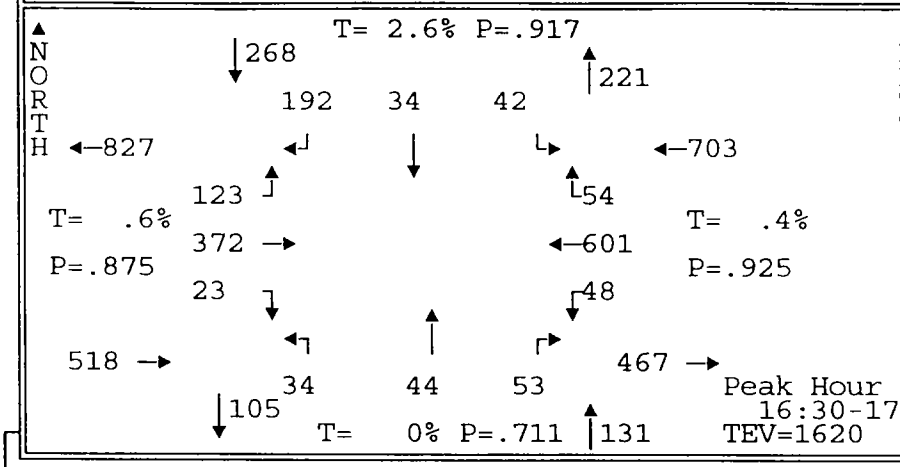
Peak Hour
16:35-17:35
TEV=1646

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↙	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↰	ALL
16:00-16:05	1	27	6	18	5	1	3	4	4	4	47	4	124
16:05-16:10	2	30	6	8	3	4	2	5	1	3	46	1	111
16:10-16:15	0	34	10	17	3	4	3	4	4	2	50	6	137
16:15-16:20	2	22	9	20	2	4	3	5	3	1	30	4	105
16:20-16:25	3	24	5	21	0	3	1	3	1	4	41	4	110
16:25-16:30	0	29	12	17	6	3	2	5	2	6	42	3	127
16:30-16:35	0	28	9	13	1	1	1	6	1	1	41	3	105
16:35-16:40	2	30	12	20	0	0	3	5	1	3	72	6	154
16:40-16:45	3	28	8	14	7	7	5	3	6	6	55	3	145
16:45-16:50	5	22	11	17	3	5	3	1	10	5	52	4	138
16:50-16:55	1	30	7	19	2	2	0	4	6	6	53	6	136
16:55-17:00	0	32	12	17	2	6	7	7	8	2	38	5	136
17:00-17:05	1	32	11	16	5	6	3	4	2	0	47	1	128
17:05-17:10	0	33	8	18	3	0	2	1	2	8	42	5	122
17:10-17:15	1	33	11	14	3	2	2	6	2	3	55	4	136
17:15-17:20	4	26	12	16	1	4	3	3	2	3	44	9	127
17:20-17:25	4	41	14	16	6	5	3	0	8	5	38	4	144
17:25-17:30	2	37	8	12	1	4	2	4	5	6	64	4	149
17:30-17:35	1	25	13	14	1	6	4	1	3	6	52	5	131
17:35-17:40	1	36	10	14	2	2	0	1	7	3	55	3	134
17:40-17:45	3	39	11	18	1	2	1	1	5	3	47	4	135
17:45-17:50	1	35	11	22	2	4	4	7	2	0	53	5	146
17:50-17:55	0	25	12	19	2	5	3	4	4	8	35	6	123
17:55-18:00	4	35	3	18	2	6	1	4	2	1	28	5	109
Total Survey	41	733	231	398	63	86	61	88	91	89	1127	104	3112
PHF	.6	.89	.86	.91	.71	.78	.77	.65	.57	.78	.85	.78	.941
% Trucks	0	.4	2.2	2.8	1.6	1.2	0	1.1	0	0	.6	0	.9
Stopped Buses	0	0	0	0	1	0	0	0	0	0	0	0	
Peds	0	18	0	0	15	0	0	8	0	0	25	0	
Hourly Totals													
16:00-17:00	19	336	107	201	34	40	33	52	47	43	567	49	1528
16:15-17:15	18	343	115	206	34	39	32	50	44	45	568	48	1542
16:30-17:30	23	372	123	192	34	42	34	44	53	48	601	54	1620
16:45-17:45	23	386	128	191	30	44	30	33	60	50	587	54	1616
17:00-18:00	22	397	124	197	29	46	28	36	44	46	560	55	1584

352

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
HALL BOULEVARD AT CENTER STREET



DATE OF COUNT: 6/8/00
DAY OF WEEK: THU
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

gmaj

Peak Hour
16:30-17:30
TEV=1620

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
16:30-16:45	5	86	29	47	8	8	9	14	8	10	168	12	404
16:45-17:00	6	84	30	53	7	13	10	12	24	13	143	15	410
17:00-17:15	2	98	30	48	11	8	7	11	6	11	144	10	386
17:15-17:30	10	104	34	44	8	13	8	7	15	14	146	17	420
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
16:30-16:45	0	1	0	2	0	0	0	0	0	0	1	0	4
16:45-17:00	0	0	1	0	0	0	0	0	0	0	0	0	1
17:00-17:15	0	0	1	4	0	0	0	0	0	0	1	0	6
17:15-17:30	0	0	0	0	0	1	0	0	0	0	1	0	2
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
16:30-16:45	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
16:30-16:45	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
16:30-16:45	0	0	0	0	1	0	0	0	0	0	0	0	1
16:45-17:00	0	1	0	0	0	0	0	0	0	0	0	0	1
17:00-17:15	0	0	0	1	0	0	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0

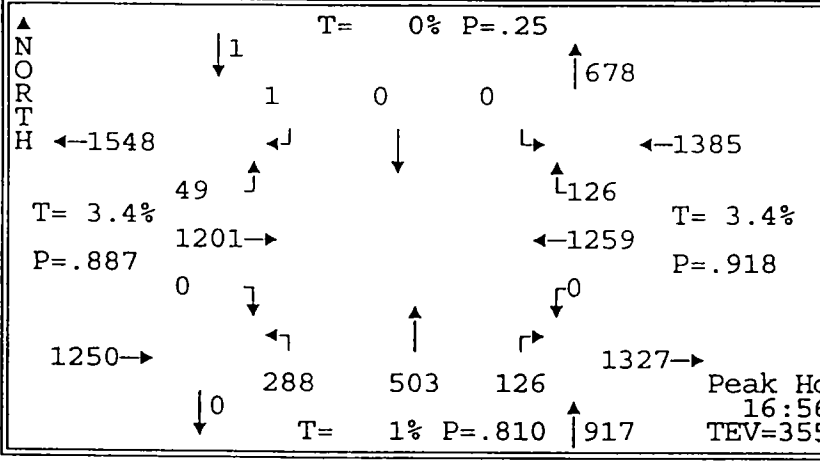
PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
16:30-16:45	3	1	0	7	11
16:45-17:00	1	0	0	4	5
17:00-17:15	2	1	0	3	6
17:15-17:30	1	1	3	0	5

Peak Hour by Movement													
PHF	.57	.89	.9	.91	.77	.81	.85	.79	.55	.86	.89	.79	.964
% Trucks(all)	0	.3	1.6	3.1	0	2.4	0	0	0	0	.5	0	.8
% Trucks(M+H)	0	0	0	0	0	0	0	0	0	0	0	0	0
Stopped Buses	0	0	0	0	1	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	19	336	107	201	34	40	33	52	47	43	567	49	1528
16:15-17:15	18	343	115	206	34	39	32	50	44	45	568	48	1542
16:30-17:30	23	372	123	192	34	42	34	44	53	48	601	54	1620
16:45-17:45	23	386	128	191	30	44	30	33	60	50	587	54	1616
17:00-18:00	22	397	124	197	29	46	28	36	44	46	560	55	1584

040

INTERSECT I TURN MOVEMENT COUNT SUMMAR REPORT
MALL BOULEVARD AT CANYON ROAD

19773



DATE OF COUNT: 05/13/99
DAY OF WEEK: Thu
TIME STARTED: 16:01
TIME ENDED: 18:01

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

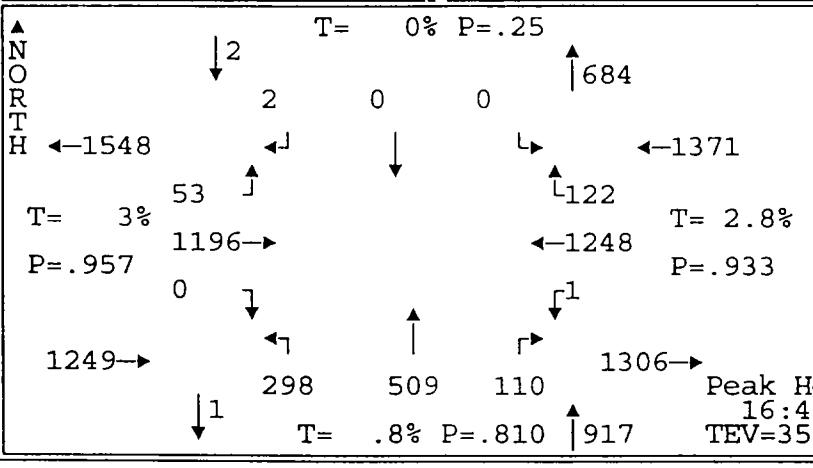
ERVB

Peak Hour
16:56-17:56
TEV=3553

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:01-16:06	0	85	3	0	0	0	19	35	10	0	85	7	244
16:06-16:11	0	82	2	0	0	0	23	26	14	0	92	8	247
16:11-16:16	0	89	6	0	0	0	22	39	5	0	68	5	234
16:16-16:21	0	120	3	0	0	0	29	38	5	0	87	10	292
16:21-16:26	0	80	3	0	0	0	30	43	5	0	98	12	271
16:26-16:31	0	87	7	0	0	0	28	43	5	0	90	10	270
16:31-16:36	0	91	4	0	0	0	20	39	6	0	91	19	270
16:36-16:41	0	94	3	0	0	0	24	38	11	0	89	13	272
16:41-16:46	0	96	5	0	0	0	22	27	11	0	103	12	276
16:46-16:51	0	89	3	1	0	0	26	43	7	1	83	10	263
16:51-16:56	0	96	9	0	0	0	25	37	5	0	95	11	278
16:56-17:01	0	124	5	1	0	0	22	46	7	0	85	9	299
17:01-17:06	0	122	8	0	0	0	26	28	12	0	88	5	289
17:06-17:11	0	87	6	0	0	0	23	39	10	0	118	12	295
17:11-17:16	0	98	2	0	0	0	26	31	10	0	118	9	294
17:16-17:21	0	118	3	0	0	0	37	61	9	0	109	11	348
17:21-17:26	0	91	7	0	0	0	20	41	13	0	115	6	293
17:26-17:31	0	68	3	0	0	0	34	54	14	0	107	12	292
17:31-17:36	0	118	2	0	0	0	24	41	9	0	82	14	290
17:36-17:41	0	75	2	0	0	0	16	47	9	0	121	13	283
17:41-17:46	0	110	3	0	0	0	19	41	5	0	127	10	315
17:46-17:51	0	79	4	0	0	0	30	48	14	0	85	13	273
17:51-17:56	0	111	4	0	0	0	11	26	14	0	104	12	282
17:56-18:01	0	100	3	0	0	0	18	48	8	0	85	7	269
Total Survey	0	2310	100	2	0	0	574	959	218	1	2325	250	6739
PHF	0	.9	.64	.25	0	0	.79	.81	.88	0	.91	.81	.947
% Trucks	0	3.4	2	0	0	0	.9	.3	4.6	0	3.7	.4	2.8
Stopped Buses	0	0	0	0	0	0	0	0	0	0	4	0	
Peds	0	1	0	0	4	0	0	14	0	0	1	0	
Hourly Totals													
16:01-17:01	0	1133	53	2	0	0	290	454	91	1	1066	126	3216
16:16-17:16	0	1184	58	2	0	0	301	452	94	1	1145	132	3369
16:31-17:31	0	1174	58	2	0	0	305	484	115	1	1201	129	3469
16:46-17:46	0	1196	53	2	0	0	298	509	110	1	1248	122	3539
17:01-18:01	0	1177	47	0	0	0	284	505	127	0	1259	124	3523

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
LL BOULEVARD AT CANYON ROAD



DATE OF COUNT: 05/13/99
DAY OF WEEK: Thu
TIME STARTED: 16:01
TIME ENDED: 18:01

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

ERVB

Peak Hour
16:46-17:46
TEV=3539

Traffic Smithy
(503)641-6333

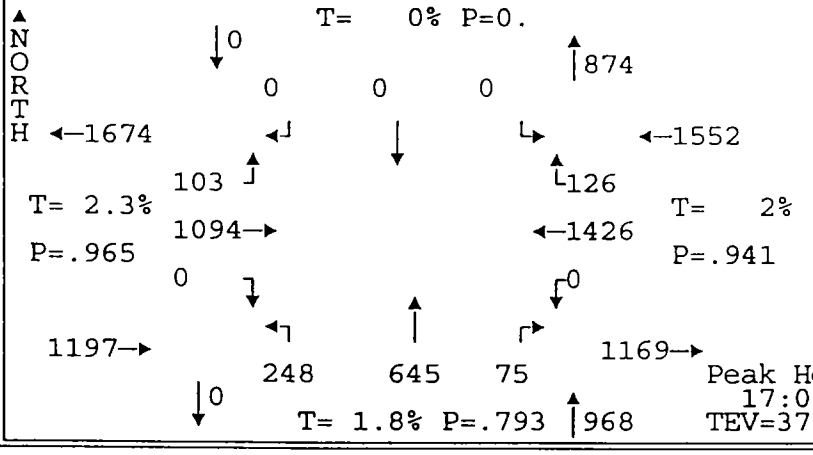
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↓	SOUTH BOUND ↵	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
16:46-17:01	0	309	17	2	0	0	73	126	19	1	263	30	840
17:01-17:16	0	307	16	0	0	0	75	98	32	0	324	26	878
17:16-17:31	0	277	13	0	0	0	91	156	36	0	331	29	933
17:31-17:46	0	303	7	0	0	0	59	129	23	0	330	37	888
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
16:46-17:01	0	9	0	0	0	0	0	0	1	0	8	0	18
17:01-17:16	0	5	0	0	0	0	1	0	1	0	7	0	14
17:16-17:31	0	8	0	0	0	0	0	1	1	0	7	0	17
17:31-17:46	0	2	0	0	0	0	0	0	1	0	7	0	10
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
16:46-17:01	0	2	0	0	0	0	0	0	0	0	2	0	4
17:01-17:16	0	4	0	0	0	0	0	0	0	0	1	0	5
17:16-17:31	0	1	0	0	0	0	1	0	0	0	0	0	2
17:31-17:46	0	1	0	0	0	0	0	0	0	0	1	0	2
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
16:46-17:01	0	0	0	0	0	0	0	0	0	0	1	0	1
17:01-17:16	0	2	0	0	0	0	0	0	0	0	2	0	4
17:16-17:31	0	2	0	0	0	0	0	0	0	0	0	0	2
17:31-17:46	0	1	0	0	0	0	0	0	0	0	3	0	4
BICYCLES													
16:46-17:01	0	0	0	0	0	0	0	0	0	0	0	0	0
17:01-17:16	0	0	0	0	0	0	0	1	0	0	0	0	1
17:16-17:31	0	0	0	0	0	0	0	0	0	0	0	0	0
17:31-17:46	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS — CROSSWALK USEAGE	SOUTH	WEST	EAST	NORTH	ALL
16:46-17:01	0	1	1	0	2
17:01-17:16	0	0	1	0	1
17:16-17:31	0	0	2	0	2
17:31-17:46	1	1	0	0	2

Peak Hour by Movement													
PHF	0	.97	.78	.25	0	0	.82	.82	.76	.25	.94	.82	.948
% Trucks(all)	0	3.1	0	0	0	0	.7	.2	3.6	0	3.1	0	2.3
% Trucks(M+H)	0	1.1	0	0	0	0	.3	0	0	0	.8	0	.7
Stopped Buses	0	0	0	0	0	0	0	0	0	0	1	0	
Hourly Totals													
16:01-17:01	0	1133	53	2	0	0	290	454	91	1	1066	126	3216
16:16-17:16	0	1184	58	2	0	0	301	452	94	1	1145	132	3369
16:31-17:31	0	1174	58	2	0	0	305	484	115	1	1201	129	3469
16:46-17:46	0	1196	53	2	0	0	298	509	110	1	1248	122	3539
17:01-18:01	0	1177	47	0	0	0	284	505	127	0	1259	124	3523

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
FARMINGTON ROAD AT HALL BOULEVARD

19772



DATE OF COUNT: 05/13/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

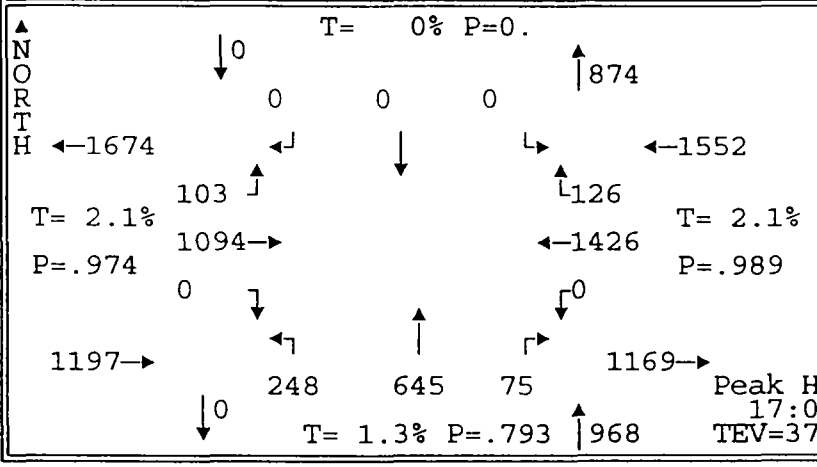
DMAO

Peak Hour
17:00-18:00
TEV=3717

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↱	SOUTH BOUND ↰	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↳	ALL
16:00-16:05	0	74	9	0	0	0	17	66	2	0	82	9	259
16:05-16:10	1	93	7	0	0	0	20	39	8	0	75	7	250
16:10-16:15	0	90	6	0	0	0	21	41	4	0	128	13	303
16:15-16:20	0	87	8	0	0	0	25	55	4	0	118	12	309
16:20-16:25	1	109	4	0	0	0	22	61	10	0	108	12	327
16:25-16:30	0	75	6	0	0	0	29	57	5	0	101	8	281
16:30-16:35	0	89	8	0	0	0	23	51	8	0	112	5	296
16:35-16:40	0	77	7	0	0	0	23	55	11	0	122	9	304
16:40-16:45	0	107	4	0	0	0	21	43	5	0	108	16	304
16:45-16:50	0	83	7	0	0	0	17	47	7	0	111	15	287
16:50-16:55	0	78	9	0	0	0	13	52	5	0	113	8	278
16:55-17:00	0	95	13	0	0	0	21	35	8	0	102	6	280
17:00-17:05	0	95	10	0	0	0	18	56	7	0	115	9	310
17:05-17:10	0	80	8	0	0	0	16	59	2	0	102	14	281
17:10-17:15	0	100	5	0	0	0	18	46	5	0	133	13	320
17:15-17:20	0	99	8	0	0	0	31	69	5	0	127	9	348
17:20-17:25	0	87	10	0	0	0	31	63	10	0	118	8	327
17:25-17:30	0	85	11	0	0	0	28	64	4	0	121	9	322
17:30-17:35	0	87	8	0	0	0	19	53	12	0	124	12	315
17:35-17:40	0	87	6	0	0	0	19	47	4	0	98	10	271
17:40-17:45	0	106	13	0	0	0	24	46	4	0	128	11	332
17:45-17:50	0	91	7	0	0	0	16	59	9	0	137	13	332
17:50-17:55	0	86	6	0	0	0	14	41	4	0	113	10	274
17:55-18:00	0	91	11	0	0	0	14	42	9	0	110	8	285
Total Survey	2	2151	191	0	0	0	500	1247	152	0	2706	246	7195
PHF	0	.96	.89	0	0	0	.69	.82	.72	0	.94	.88	.932
% Trucks	0	2.5	.5	0	0	0	2.6	1.6	1.3	0	2.2	.4	2.1
Stopped Buses	0	1	0	0	0	0	0	0	0	0	1	0	
Peds	0	8	0	0	17	0	0	24	0	0	9	0	
Hourly Totals													
16:00-17:00	2	1057	88	0	0	0	252	602	77	0	1280	120	3478
16:15-17:15	1	1075	89	0	0	0	246	617	77	0	1345	127	3577
16:30-17:30	0	1075	100	0	0	0	260	640	77	0	1384	121	3657
16:45-17:45	0	1082	108	0	0	0	255	637	73	0	1392	124	3671
17:00-18:00	0	1094	103	0	0	0	248	645	75	0	1426	126	3717

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
F. .INGTON ROAD AT HALL BOULEVA



DATE OF COUNT: 05/13/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

DMAO

Peak Hour
17:00-18:00
TEV=3717

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↓	SOUTH BOUND ↓	SOUTH BOUND ↓	NORTH BOUND ←	NORTH BOUND ↑	NORTH BOUND →	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	0	275	23	0	0	0	52	161	14	0	350	36	911
17:15-17:30	0	271	29	0	0	0	90	196	19	0	366	26	997
17:30-17:45	0	280	27	0	0	0	62	146	20	0	350	33	918
17:45-18:00	0	268	24	0	0	0	44	142	22	0	360	31	891
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	8	0	0	0	0	1	2	0	0	10	0	21
17:15-17:30	0	2	0	0	0	0	2	1	0	0	5	0	10
17:30-17:45	0	5	1	0	0	0	0	2	0	0	3	0	11
17:45-18:00	0	4	0	0	0	0	1	3	0	0	9	0	17
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	2	0	0	0	0	0	0	0	0	1	0	3
17:15-17:30	0	0	0	0	0	0	0	1	0	0	1	0	2
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	1	0	0	0	0	0	0	0	0	0	1	2
17:15-17:30	0	2	0	0	0	0	0	0	0	0	0	0	2
17:30-17:45	0	0	0	0	0	0	0	0	0	0	1	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	1	0	1
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	2	0	0	0	0	2
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	1	0	1

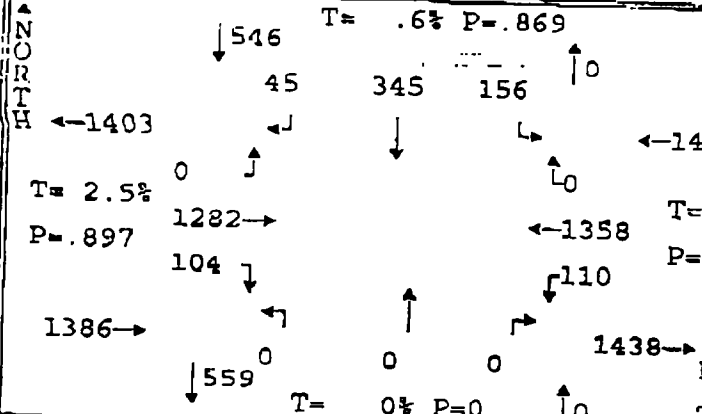
PEDESTRIANS — CROSSWALK USEAGE	SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	1	1	1	1	4
17:15-17:30	0	0	1	1	2
17:30-17:45	1	2	3	0	6
17:45-18:00	2	3	3	0	8

Peak Hour by Movement													
PHF	0	.98	.89	0	0	0	.69	.82	.85	0	.97	.88	.932
% Trucks(all)	0	2.2	1	0	0	0	1.6	1.4	0	0	2.2	.8	1.9
% Trucks(M+H)	0	.5	0	0	0	0	0	.2	0	0	.3	.8	.3
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	2	1057	88	0	0	0	252	602	77	0	1280	120	3478
16:15-17:15	1	1075	89	0	0	0	246	617	77	0	1345	127	3577
16:30-17:30	0	1075	100	0	0	0	260	640	77	0	1384	121	3657
16:45-17:45	0	1082	108	0	0	0	255	637	73	0	1392	124	3671
17:00-18:00	0	1094	103	0	0	0	248	645	75	0	1426	126	3717

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
TV HIGHWAY AT WATSON AVENUE

25526



DATE OF COUNT: 11/28/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

Peak Hour
17:00-18:00
TEV=3400

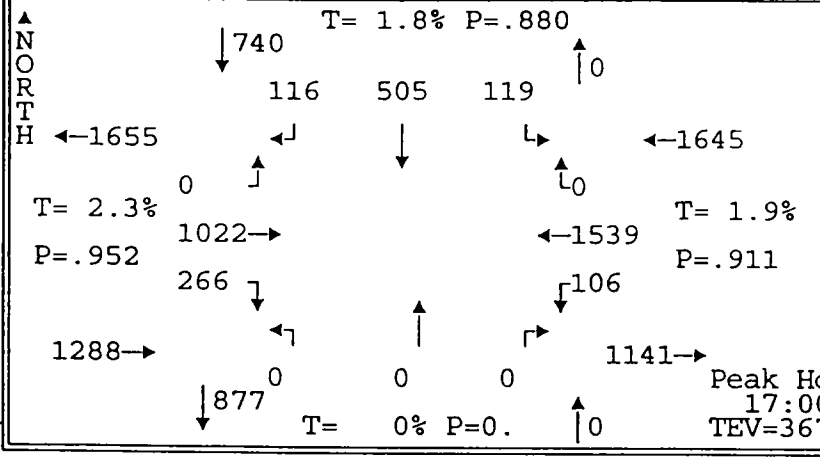
ERPL

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ⌐	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ⌐	WEST BOUND ←	WEST BOUND ↰	ALL
16:00-16:05	8	91	0	5	24	5	0	0	0	5	121	0	259
16:05-16:10	9	111	0	3	30	18	0	0	0	6	113	0	290
16:10-16:15	7	99	0	5	33	15	0	0	0	3	127	0	289
16:15-16:20	7	87	0	8	30	13	0	0	0	11	108	0	264
16:20-16:25	5	135	0	3	25	9	0	0	0	7	131	0	315
16:25-16:30	8	102	0	5	25	14	0	0	0	6	126	0	284
16:30-16:35	6	116	0	4	29	12	0	0	0	8	117	0	289
16:35-16:40	5	105	0	2	34	10	0	0	0	5	115	0	273
16:40-16:45	6	94	0	6	30	6	0	0	0	7	114	0	263
16:45-16:50	6	105	0	2	30	8	0	0	0	7	105	0	263
16:50-16:55	11	87	0	6	30	11	0	0	0	4	123	0	272
16:55-17:00	10	86	0	2	22	12	0	0	0	8	128	0	268
17:00-17:05	5	95	0	3	31	13	0	0	0	9	91	0	253
17:05-17:10	10	102	0	1	22	9	0	0	0	4	142	0	290
17:10-17:15	11	93	0	11	37	13	0	0	0	7	130	0	302
17:15-17:20	10	120	0	1	25	17	0	0	0	8	130	0	311
17:20-17:25	10	91	0	1	39	13	0	0	0	11	111	0	276
17:25-17:30	9	120	0	1	34	11	0	0	0	14	106	0	295
17:30-17:35	17	116	0	4	20	9	0	0	0	6	109	0	281
17:35-17:40	4	120	0	3	22	16	0	0	0	10	96	0	271
17:40-17:45	6	108	0	3	31	14	0	0	0	9	124	0	295
17:45-17:50	8	100	0	2	23	10	0	0	0	14	102	0	259
17:50-17:55	6	106	0	3	26	12	0	0	0	10	113	0	276
17:55-18:00	8	111	0	6	35	19	0	0	0	8	104	0	291
Total Survey	192	2500	0	93	682	289	0	0	0	187	2786	0	6729
PHF	.72	.9	0	.54	.85	.91	0	0	0	.83	.84	0	.941
% Trucks	1.6	2.6	0	3.2	.3	.3	0	0	0	4.3	2.5	0	2.2
Stopped Buses	0	6	0	0	0	0	0	0	0	0	2	0	
Peds	0	6	0	0	22	0	0	5	0	0	6	0	
Hourly Totals													
16:00-17:00	88	1218	0	48	337	133	0	0	0	77	1428	0	3329
16:15-17:15	90	1207	0	56	340	130	0	0	0	83	1430	0	3336
16:30-17:30	99	1214	0	45	358	135	0	0	0	92	1412	0	3355
16:45-17:45	109	1243	0	44	343	146	0	0	0	97	1395	0	3377
17:00-18:00	104	1282	0	45	345	156	0	0	0	110	1358	0	3400

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
FARMINGTON ROAD AT WATSON AVENUE

19771



DATE OF COUNT: 05/13/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

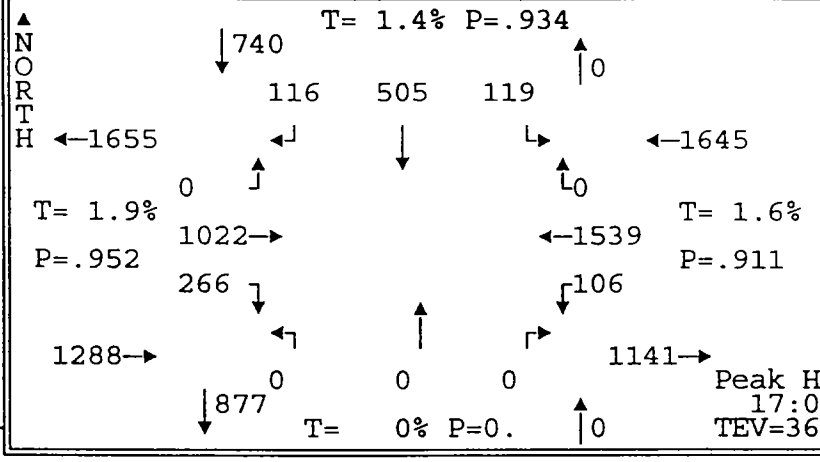
BKNB

Peak Hour
17:00-18:00
TEV=3673

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↓	SOUTH BOUND ←	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	21	74	0	9	33	8	0	0	0	10	108	0	263
16:05-16:10	9	87	0	9	43	8	0	0	0	5	68	0	229
16:10-16:15	11	87	0	7	33	10	0	0	0	9	138	0	295
16:15-16:20	22	76	0	3	33	12	0	0	0	10	133	0	289
16:20-16:25	15	95	0	3	21	12	0	0	0	11	125	0	282
16:25-16:30	22	68	0	6	34	6	0	0	0	4	125	0	265
16:30-16:35	24	80	0	5	34	16	0	0	0	10	114	0	283
16:35-16:40	23	74	0	6	38	12	0	0	0	8	116	0	277
16:40-16:45	15	105	0	11	38	13	0	0	0	7	123	0	312
16:45-16:50	21	82	0	5	34	6	0	0	0	7	108	0	263
16:50-16:55	17	95	0	7	34	14	0	0	0	8	106	0	281
16:55-17:00	15	96	0	2	38	11	0	0	0	3	109	0	274
17:00-17:05	18	89	0	7	34	7	0	0	0	10	123	0	288
17:05-17:10	17	91	0	10	50	6	0	0	0	8	117	0	299
17:10-17:15	21	80	0	14	55	15	0	0	0	11	115	0	311
17:15-17:20	22	91	0	8	41	11	0	0	0	11	140	0	324
17:20-17:25	22	85	0	16	36	8	0	0	0	5	144	0	316
17:25-17:30	26	79	0	11	49	13	0	0	0	9	142	0	329
17:30-17:35	23	79	0	11	42	11	0	0	0	10	138	0	314
17:35-17:40	17	72	0	5	48	10	0	0	0	11	115	0	278
17:40-17:45	23	95	0	7	38	10	0	0	0	8	126	0	307
17:45-17:50	25	82	0	9	41	13	0	0	0	8	138	0	316
17:50-17:55	25	85	0	10	34	8	0	0	0	8	119	0	289
17:55-18:00	27	94	0	8	37	7	0	0	0	7	122	0	302
Total Survey	481	2041	0	189	918	247	0	0	0	198	2912	0	6986
PHF	.86	.98	0	.76	.86	.88	0	0	0	.88	.9	0	.947
% Trucks	2.3	2.3	0	1.1	2	1.6	0	0	0	2	1.9	0	2
Stopped Buses	0	1	0	0	0	0	0	0	0	0	2	0	
Peds	0	26	0	0	0	0	0	17	0	0	0	0	
Hourly Totals													
16:00-17:00	215	1019	0	73	413	128	0	0	0	92	1373	0	3313
16:15-17:15	230	1031	0	79	443	130	0	0	0	97	1414	0	3424
16:30-17:30	241	1047	0	102	481	132	0	0	0	97	1457	0	3557
16:45-17:45	242	1034	0	103	499	122	0	0	0	101	1483	0	3584
17:00-18:00	266	1022	0	116	505	119	0	0	0	106	1539	0	3673

INTERSECTI[ON] TURN MOVEMENT COUNT PEAK HO[UR] REPORT
F[ARMINGTON] ROAD AT WATSON AVENU[E]



DATE OF COUNT: 05/13/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

BKNB

Peak Hour
17:00-18:00
TEV=3673

Traffic Smithy
(503)641-6333

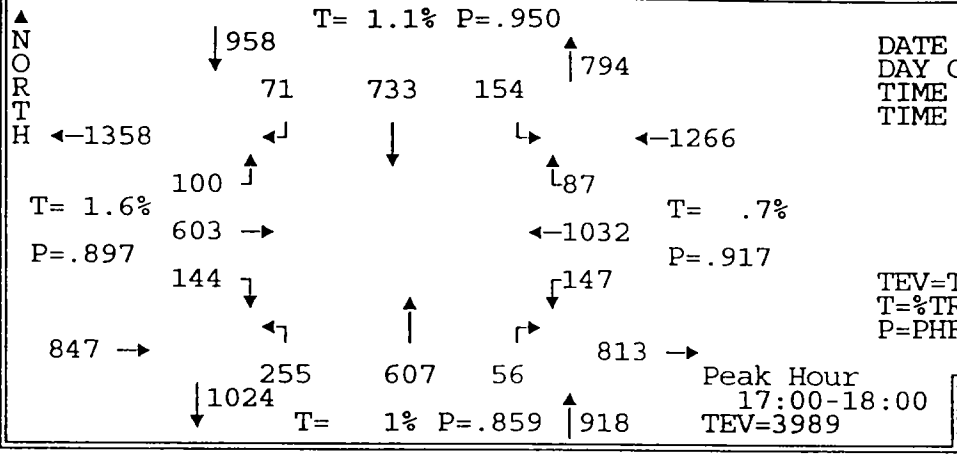
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	56	260	0	31	139	28	0	0	0	29	355	0	898
17:15-17:30	70	255	0	35	126	32	0	0	0	25	426	0	969
17:30-17:45	63	246	0	23	128	31	0	0	0	29	379	0	899
17:45-18:00	77	261	0	27	112	28	0	0	0	23	379	0	907
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	1	4	0	0	1	1	0	0	0	0	9	0	16
17:15-17:30	1	3	0	0	2	0	0	0	0	1	6	0	13
17:30-17:45	1	5	0	0	3	0	0	0	0	0	3	0	12
17:45-18:00	1	4	0	0	3	0	0	0	0	0	6	0	14
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	2	0	0	0	0	0	0	0	0	1	0	3
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	1	0	0	0	0	0	0	0	0	0	0	1
17:15-17:30	0	2	0	0	0	0	0	0	0	0	0	0	2
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	1	0	1
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	1	0	0	0	0	0	0	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	1	0	0	1

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	3	0	4	0	7
17:15-17:30	4	0	5	0	9
17:30-17:45	2	0	1	0	3
17:45-18:00	2	0	2	0	4

Peak Hour by Movement													
PHF	.86	.98	0	.83	.91	.93	0	0	0	.91	.9	0	.947
% Trucks(all)	1.5	2.1	0	0	1.8	.8	0	0	0	.9	1.7	0	1.7
% Trucks(M+H)	0	.5	0	0	0	0	0	0	0	0	.1	0	.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	1	0	
Hourly Totals													
16:00-17:00	215	1019	0	73	413	128	0	0	0	92	1373	0	3313
16:15-17:15	230	1031	0	79	443	130	0	0	0	97	1414	0	3424
16:30-17:30	241	1047	0	102	481	132	0	0	0	97	1457	0	3557
16:45-17:45	242	1034	0	103	499	122	0	0	0	101	1483	0	3584
17:00-18:00	266	1022	0	116	505	119	0	0	0	106	1539	0	3673

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
HALL BOULEVARD AT ALLEN BOULEVARD

24030



DATE OF COUNT: 06/22/00
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

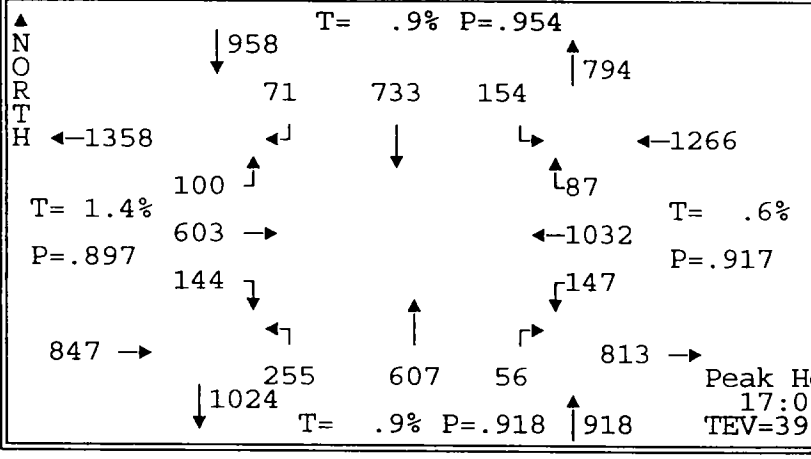
MPQN

Peak Hour
17:00-18:00
TEV=3989

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	14	60	3	13	40	15	21	46	6	12	64	5	299
16:05-16:10	19	55	9	8	47	11	26	44	6	7	67	9	308
16:10-16:15	10	38	9	10	50	10	17	47	6	11	61	6	275
16:15-16:20	15	44	6	8	39	10	22	36	10	12	75	12	289
16:20-16:25	13	39	7	4	52	5	18	64	7	15	66	8	298
16:25-16:30	12	49	7	10	41	5	20	35	7	14	64	15	279
16:30-16:35	10	42	7	7	55	10	20	48	10	12	74	7	302
16:35-16:40	14	46	4	5	40	12	21	51	7	15	87	7	309
16:40-16:45	15	28	7	6	64	11	24	71	4	13	69	3	315
16:45-16:50	16	55	9	8	41	14	22	45	5	10	105	1	331
16:50-16:55	13	36	8	3	73	9	21	58	9	12	70	4	316
16:55-17:00	15	52	8	7	38	11	17	39	7	10	97	5	306
17:00-17:05	11	42	4	10	61	10	15	62	5	9	71	7	307
17:05-17:10	10	51	10	2	44	13	19	42	5	15	92	7	310
17:10-17:15	7	46	5	6	80	17	31	66	5	7	89	6	365
17:15-17:20	18	45	10	7	44	12	14	54	5	18	99	12	338
17:20-17:25	6	42	8	6	71	8	28	61	3	12	85	6	336
17:25-17:30	10	46	12	7	64	10	19	41	9	18	88	7	331
17:30-17:35	14	61	6	4	59	16	29	42	6	10	94	5	346
17:35-17:40	13	54	17	9	52	11	21	61	1	13	93	7	352
17:40-17:45	12	54	5	4	64	16	21	36	5	9	99	8	333
17:45-17:50	16	46	6	2	84	10	15	49	2	11	72	9	322
17:50-17:55	13	71	9	4	46	17	25	46	6	9	72	7	325
17:55-18:00	14	45	8	10	64	14	18	47	4	16	78	6	324
Total Survey	310	1147	184	160	1313	277	504	1191	140	290	1931	169	7616
PHF	.84	.88	.71	.89	.92	.9	.84	.84	.78	.77	.9	.87	.959
% Trucks	1.3	1.8	.5	.6	1.4	.4	.8	1.2	0	.3	.7	.6	1.1
Stopped Buses	0	1	0	0	0	0	0	1	0	0	1	0	
Peds	0	5	0	0	88	0	0	38	0	0	22	0	
Hourly Totals													
16:00-17:00	166	544	84	89	580	123	249	584	84	143	899	82	3627
16:15-17:15	151	530	82	76	628	127	250	617	81	144	959	82	3727
16:30-17:30	145	531	92	74	675	137	251	638	74	151	1026	72	3866
16:45-17:45	145	584	102	73	691	147	257	607	65	143	1082	75	3971
17:00-18:00	144	603	100	71	733	154	255	607	56	147	1032	87	3989

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
HALL BOULEVARD AT ALLEN BOULEVARD



DATE OF COUNT: 06/22/00
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

MPQN

Peak Hour
17:00-18:00
TEV=3989

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	28	139	19	18	185	40	65	170	15	31	252	20	982
17:15-17:30	34	133	30	20	179	30	61	156	17	48	272	25	1005
17:30-17:45	39	169	28	17	175	43	71	139	12	32	286	20	1031
17:45-18:00	43	162	23	16	194	41	58	142	12	36	222	22	971
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	1	1	1	0	2	0	0	3	0	0	2	0	10
17:15-17:30	1	2	0	0	2	0	0	1	0	0	2	1	9
17:30-17:45	0	3	0	0	1	0	0	3	0	0	2	0	9
17:45-18:00	1	2	0	1	3	0	0	0	0	0	0	0	7
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	1	0	0	0	0	0	1
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	1	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	1	0	0	0	0	1
17:45-18:00	0	0	0	0	1	0	0	0	0	0	0	0	1

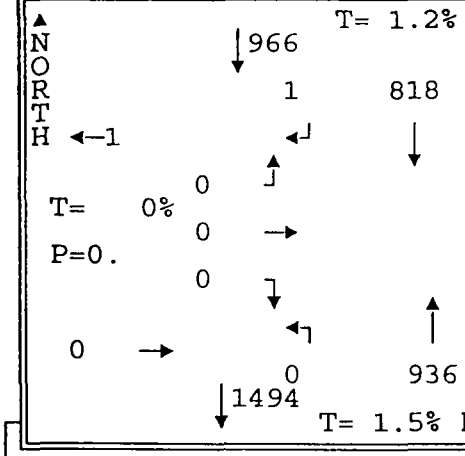
PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
17:00-17:15	0	13	11	8	32
17:15-17:30	0	9	3	1	13
17:30-17:45	0	8	6	3	17
17:45-18:00	5	8	3	5	21

Peak Hour by Movement													
PHF	.84	.89	.83	.89	.94	.9	.9	.89	.82	.77	.9	.87	.967
% Trucks(all)	2.1	1.3	1	1.4	1.1	0	.4	1.2	0	0	.6	1.1	.9
% Trucks(M+H)	0	0	0	0	0	0	.4	0	0	0	0	0	0
Stopped Buses	0	1	0	0	0	0	0	0	0	0	1	0	

Hourly Totals													
16:00-17:00	166	544	84	89	580	123	249	584	84	143	899	82	3627
16:15-17:15	151	530	82	76	628	127	250	617	81	144	959	82	3727
16:30-17:30	145	531	92	74	675	137	251	638	74	151	1026	72	3866
16:45-17:45	145	584	102	73	691	147	257	607	65	143	1082	75	3971
17:00-18:00	144	603	100	71	733	154	255	607	56	147	1032	87	3989

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
HALL BOULEVARD AT DENNEY ROAD

27515



DATE OF COUNT: 06/01/00
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

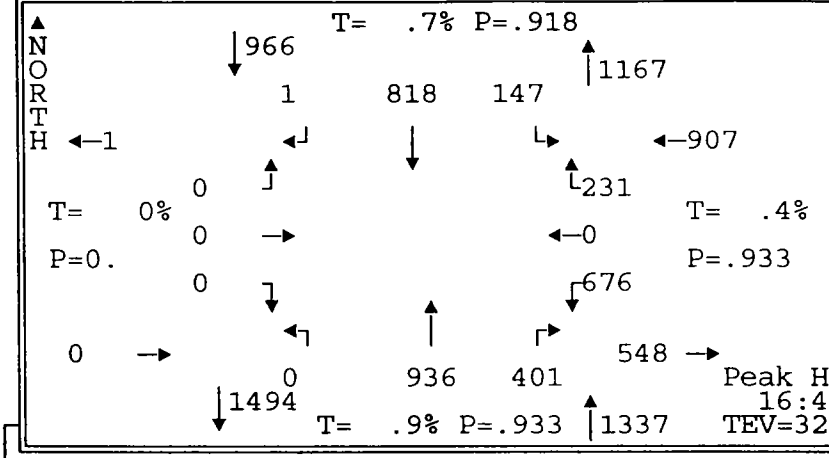
TBDF

Peak Hour
16:45-17:45
TEV=3210

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↱	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↰	ALL
16:00-16:05	0	0	0	0	47	13	0	67	28	26	0	24	205
16:05-16:10	0	0	0	0	68	7	0	70	34	37	0	23	239
16:10-16:15	0	0	0	0	52	22	0	77	44	36	0	12	243
16:15-16:20	0	0	1	0	48	12	0	68	17	54	0	22	222
16:20-16:25	0	0	0	0	72	9	0	72	25	57	1	22	258
16:25-16:30	0	0	0	0	62	18	0	64	28	33	0	21	226
16:30-16:35	0	0	0	0	55	12	1	81	35	38	0	26	248
16:35-16:40	0	0	0	0	56	15	0	79	35	54	0	21	260
16:40-16:45	0	0	0	0	51	8	0	91	25	44	0	14	233
16:45-16:50	0	0	0	0	75	12	0	83	34	49	0	26	279
16:50-16:55	0	0	0	0	68	11	0	66	35	62	0	15	257
16:55-17:00	0	0	0	0	83	14	0	64	28	44	0	16	249
17:00-17:05	0	0	0	0	52	15	0	90	24	53	0	22	256
17:05-17:10	0	0	0	0	69	16	0	80	38	47	0	16	266
17:10-17:15	0	0	0	0	63	17	0	82	44	59	0	19	284
17:15-17:20	0	0	0	0	78	10	0	92	34	58	0	14	286
17:20-17:25	0	0	0	0	56	14	0	79	28	69	0	23	269
17:25-17:30	0	0	0	1	74	16	0	83	33	59	0	20	286
17:30-17:35	0	0	0	0	49	4	0	61	27	71	0	23	235
17:35-17:40	0	0	0	0	73	8	0	86	43	44	0	20	274
17:40-17:45	0	0	0	0	78	10	0	70	33	61	0	17	269
17:45-17:50	0	0	0	0	55	11	0	87	27	46	0	17	243
17:50-17:55	0	0	0	0	62	5	0	74	22	65	0	16	244
17:55-18:00	0	0	0	0	55	4	0	66	24	45	0	11	205
Total Survey	0	0	1	1	1501	283	1	1832	745	1211	1	460	6036
PHF	0	0	0	.25	.9	.77	0	.92	.86	.85	0	.88	.954
% Trucks	0	0	0	0	1.2	1.4	0	1.3	2	.5	0	1.3	1.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	1	0	0	15	0	
Hourly Totals													
16:00-17:00	0	0	1	0	737	153	1	882	368	534	1	242	2919
16:15-17:15	0	0	1	0	754	159	1	920	368	594	1	240	3038
16:30-17:30	0	0	0	1	780	160	1	970	393	636	0	232	3173
16:45-17:45	0	0	0	1	818	147	0	936	401	676	0	231	3210
17:00-18:00	0	0	0	1	764	130	0	950	377	677	0	218	3117

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
HALL BOULEVARD AT DENNEY ROAD



DATE OF COUNT: 06/01/00
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

TBDF

Peak Hour
16:45-17:45
TEV=3210

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
16:45-17:00	0	0	0	0	226	37	0	213	97	155	0	57	785
17:00-17:15	0	0	0	0	184	48	0	252	106	159	0	57	806
17:15-17:30	0	0	0	1	208	40	0	254	95	186	0	57	841
17:30-17:45	0	0	0	0	200	22	0	217	103	176	0	60	778
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
16:45-17:00	0	0	0	0	1	0	0	0	1	1	0	1	4
17:00-17:15	0	0	0	0	2	0	0	5	1	0	0	1	9
17:15-17:30	0	0	0	0	1	1	0	0	1	0	0	0	3
17:30-17:45	0	0	0	0	2	0	0	2	1	0	0	1	6
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	0	0	0	0	0	0	1	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
16:45-17:00	0	0	0	0	1	0	0	0	2	0	0	0	3
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	1	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	3	0	0	0	0	3

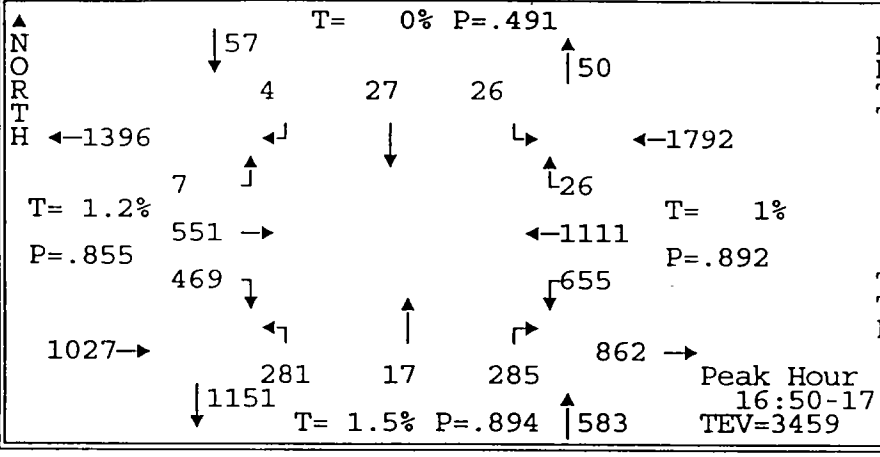
PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
16:45-17:00	0	0	1	5	6
17:00-17:15	0	0	0	3	3
17:15-17:30	0	0	0	2	2
17:30-17:45	0	0	0	2	2

Peak Hour by Movement													
PHF	0	0	0	.25	.9	.77	0	.92	.95	.91	0	.96	.954
% Trucks(all)	0	0	0	0	.7	.7	0	.9	1	.1	0	1.3	.7
% Trucks(M+H)	0	0	0	0	0	0	0	.1	0	0	0	0	0
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	0	0	1	0	737	153	1	882	368	534	1	242	2919
16:15-17:15	0	0	1	0	754	159	1	920	368	594	1	240	3038
16:30-17:30	0	0	0	1	780	160	1	970	393	636	0	232	3173
16:45-17:45	0	0	0	1	818	147	0	936	401	676	0	231	3210
17:00-18:00	0	0	0	1	764	130	0	950	377	677	0	218	3117

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
HALL BOULEVARD AT GREENWAY ROAD

27516



DATE OF COUNT: 06/01/00
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

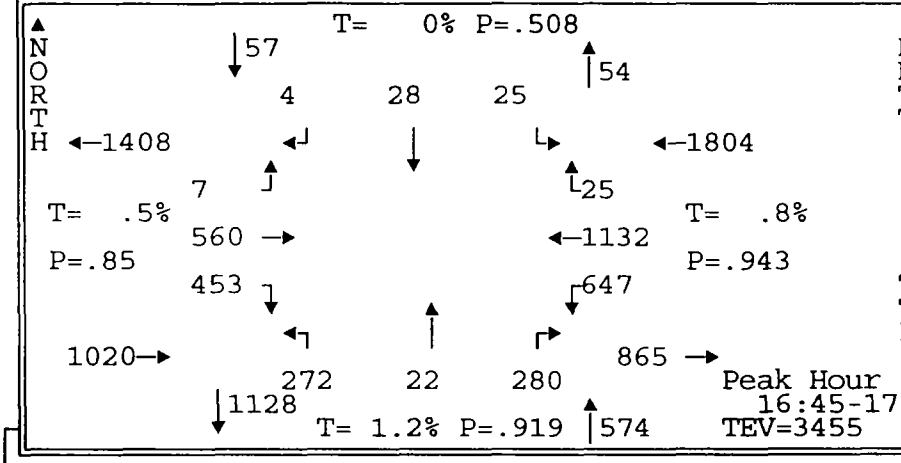
DJMC

Peak Hour
16:50-17:50

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	25	52	0	0	0	0	18	0	14	44	83	0	236
16:05-16:10	21	52	1	0	1	1	22	0	22	25	87	0	232
16:10-16:15	32	36	0	1	0	0	18	0	28	53	76	2	246
16:15-16:20	22	42	0	0	0	0	28	1	27	49	78	0	247
16:20-16:25	31	61	0	1	1	0	15	0	31	44	78	1	263
16:25-16:30	25	61	0	0	0	0	25	0	27	27	58	1	224
16:30-16:35	19	40	0	1	2	2	22	1	31	49	102	2	271
16:35-16:40	25	44	0	0	0	0	21	0	26	57	83	0	256
16:40-16:45	28	41	0	0	0	0	24	0	25	57	78	0	253
16:45-16:50	24	47	1	0	2	11	13	9	23	49	81	3	263
16:50-16:55	34	53	1	2	2	1	25	2	33	55	82	1	291
16:55-17:00	45	36	0	1	1	8	20	6	25	49	85	2	278
17:00-17:05	31	44	0	0	0	0	27	1	24	42	76	1	246
17:05-17:10	47	40	1	0	0	0	21	0	15	68	126	0	318
17:10-17:15	23	29	0	1	1	1	29	0	23	55	109	1	272
17:15-17:20	38	63	0	0	2	1	28	0	23	41	101	1	298
17:20-17:25	57	58	1	0	3	0	21	1	16	58	110	2	327
17:25-17:30	42	39	2	0	2	1	23	0	26	63	96	0	294
17:30-17:35	36	53	0	0	0	1	22	0	23	47	75	5	262
17:35-17:40	40	39	1	0	13	1	25	2	27	61	109	9	327
17:40-17:45	36	59	0	0	2	0	18	1	22	59	82	0	279
17:45-17:50	40	38	1	0	1	12	22	4	28	57	60	4	267
17:50-17:55	38	67	0	2	2	2	31	0	19	37	52	1	251
17:55-18:00	26	37	0	0	0	0	24	0	22	71	66	1	247
Total Survey	785	1131	9	9	35	42	542	28	580	1217	2033	37	6448
PHF	.86	.86	.58	.33	.42	.5	.9	.47	.87	.93	.83	.46	.940
% Trucks	.5	1.8	0	0	0	0	1.7	0	1.4	1	1	2.7	1.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	38	0	0	12	0	0	36	0	0	13	0	
Hourly Totals													
16:00-17:00	331	565	3	6	9	23	251	19	312	558	971	12	3060
16:15-17:15	354	538	3	6	9	23	270	20	310	601	1036	12	3182
16:30-17:30	413	534	6	5	15	25	274	20	290	643	1129	13	3367
16:45-17:45	453	560	7	4	28	25	272	22	280	647	1132	25	3455
17:00-18:00	454	566	6	3	26	19	291	9	268	659	1062	25	3388

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
HALL BOULEVARD AT GREENWAY ROAD



DATE OF COUNT: 06/01/00
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

DJMC

Peak Hour
16:45-17:45
TEV=3455

Traffic Smithy
(503)641-6333

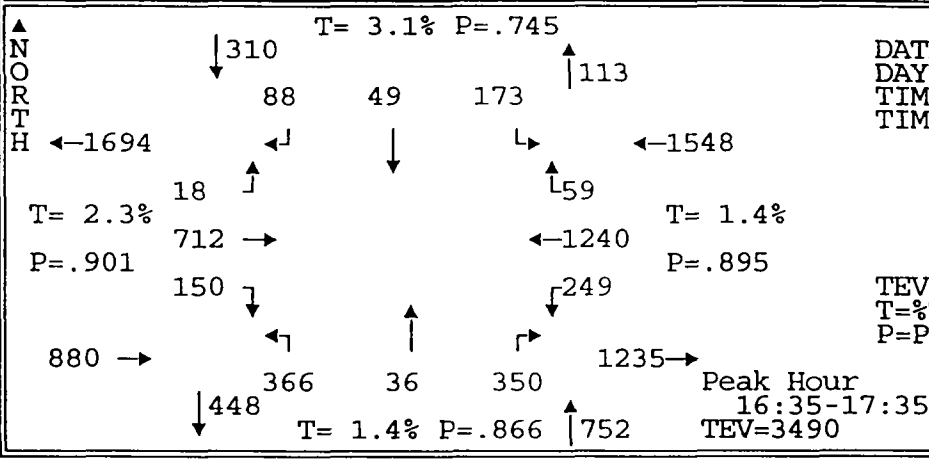
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
16:45-17:00	103	136	2	3	5	20	58	17	81	153	248	6	832
17:00-17:15	101	113	1	1	1	1	77	1	62	165	311	2	836
17:15-17:30	137	160	3	0	7	2	72	1	65	162	307	3	919
17:30-17:45	112	151	1	0	15	2	65	3	72	167	266	14	868
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
16:45-17:00	0	1	0	0	0	0	2	0	0	1	1	0	5
17:00-17:15	0	1	0	0	0	0	0	0	1	3	3	1	9
17:15-17:30	0	2	0	0	0	0	0	0	2	1	1	0	6
17:30-17:45	0	1	0	0	0	0	1	0	0	3	1	0	6
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	0	0	0	0	0	0	0	1	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
16:45-17:00	0	0	0	0	0	0	1	0	0	0	0	0	1
17:00-17:15	0	1	0	0	0	0	0	0	0	0	0	0	1
17:15-17:30	0	1	0	0	0	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
16:45-17:00	1	0	5	1	7
17:00-17:15	7	2	10	2	21
17:15-17:30	4	1	4	2	11
17:30-17:45	7	6	1	3	17

Peak Hour by Movement													
PHF	.83	.88	.58	.33	.47	.31	.88	.32	.86	.97	.91	.45	.939
% Trucks(all)	0	.9	0	0	0	0	1.1	0	1.4	1.2	.5	4	.8
% Trucks(M+H)	0	0	0	0	0	0	0	0	.4	0	0	0	0
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	331	565	3	6	9	23	251	19	312	558	971	12	3060
16:15-17:15	354	538	3	6	9	23	270	20	310	601	1036	12	3182
16:30-17:30	413	534	6	5	15	25	274	20	290	643	1129	13	3367
16:45-17:45	453	560	7	4	28	25	272	22	280	647	1132	25	3455
17:00-18:00	454	566	6	3	26	19	291	9	268	659	1062	25	3388

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
HALL BOULEVARD AT NIMBUS AVENUE

27517



DATE OF COUNT: 06/01/00
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

Peak Hour
16:35-17:35
TEV=3490

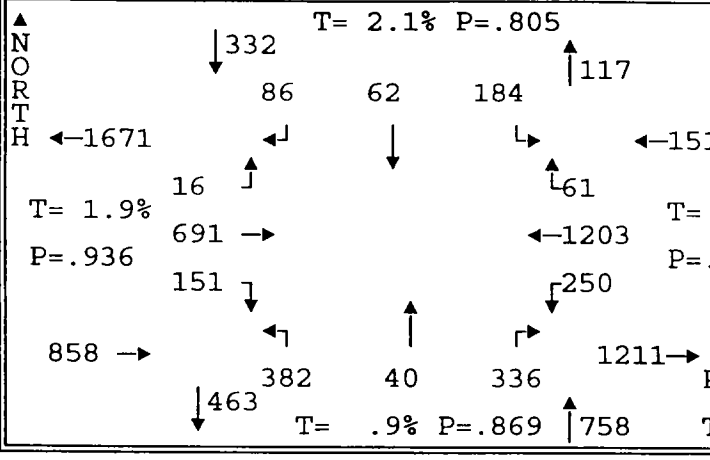
TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

DLXZ

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	SOUTH BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	13	54	4	5	3	15	28	1	40	12	84	4	263
16:05-16:10	9	46	1	5	3	10	38	2	36	25	66	3	244
16:10-16:15	18	59	1	4	4	9	20	1	29	15	101	7	268
16:15-16:20	17	55	2	4	2	5	23	4	22	23	96	3	256
16:20-16:25	27	74	1	2	4	6	21	3	14	22	98	8	280
16:25-16:30	17	53	2	8	6	17	19	3	32	16	70	3	246
16:30-16:35	15	48	1	11	13	22	37	5	19	15	84	5	275
16:35-16:40	5	59	3	3	6	30	38	2	44	22	69	1	282
16:40-16:45	14	50	2	3	4	11	34	7	32	25	112	4	298
16:45-16:50	14	50	1	7	6	10	26	6	19	23	108	7	277
16:50-16:55	18	75	2	4	2	10	31	1	32	24	95	4	298
16:55-17:00	10	56	3	7	3	12	25	3	21	27	98	7	272
17:00-17:05	13	66	1	7	8	27	24	5	33	12	85	4	285
17:05-17:10	6	60	0	11	10	19	40	4	30	17	90	9	296
17:10-17:15	13	48	1	7	2	8	44	1	31	26	107	3	291
17:15-17:20	11	65	0	10	2	13	37	3	27	24	123	6	321
17:20-17:25	19	53	2	9	2	12	23	1	24	18	122	3	288
17:25-17:30	13	61	0	7	4	10	23	2	24	17	110	8	279
17:30-17:35	14	69	3	13	0	11	21	1	33	14	121	3	303
17:35-17:40	13	42	0	7	3	12	31	2	27	21	99	6	263
17:40-17:45	12	68	0	7	3	11	34	1	19	20	101	7	283
17:45-17:50	17	63	0	2	1	9	20	4	23	17	92	6	254
17:50-17:55	8	66	1	2	2	10	15	0	21	24	105	7	261
17:55-18:00	9	54	1	2	2	10	15	1	14	22	88	2	220
Total Survey	325	1394	32	147	95	309	667	63	646	481	2324	120	6603
PHF	.82	.9	.75	.76	.58	.75	.76	.6	.92	.84	.87	.74	.960
% Trucks	2.2	2.4	3.1	1.4	6.3	2.9	1.2	0	1.7	1.7	1.1	6.7	1.8
Stopped Buses	0	5	0	0	0	0	0	0	0	0	0	0	
Peds	0	18	0	0	17	0	0	4	0	0	6	0	
Hourly Totals													
16:00-17:00	177	679	23	63	56	157	340	38	340	249	1081	56	3259
16:15-17:15	169	694	19	74	66	177	362	44	329	252	1112	58	3356
16:30-17:30	151	691	16	86	62	184	382	40	336	250	1203	61	3462
16:45-17:45	156	713	13	96	45	155	359	30	320	243	1259	67	3456
17:00-18:00	148	715	9	84	39	152	327	25	306	232	1243	64	3344

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
HALL BOULEVARD AT NIMBUS AVENUE



DATE OF COUNT: 06/01/00
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

DLXZ

Peak Hour
16:30-17:30
TEV=3462

Traffic Smithy
(503)641-6333

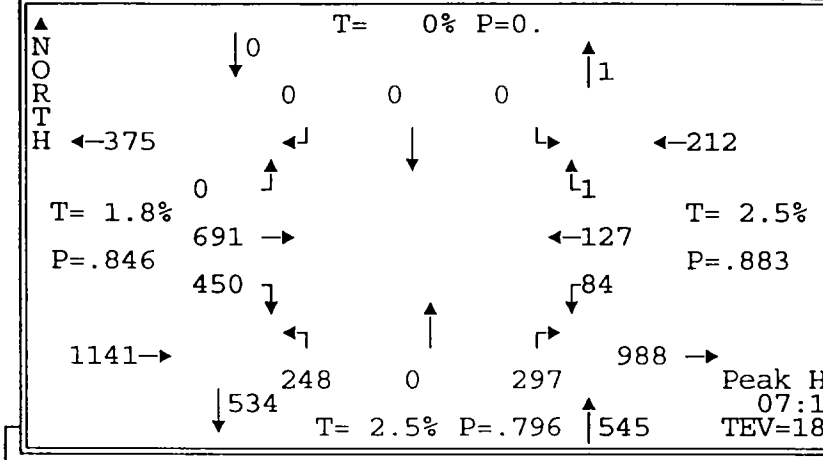
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↓	SOUTH BOUND ←	SOUTH BOUND ↑	NORTH BOUND ↓	NORTH BOUND →	NORTH BOUND ↑	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
16:30-16:45	34	157	6	17	23	63	109	14	95	62	265	10	855
16:45-17:00	42	181	6	18	11	32	82	10	72	74	301	18	847
17:00-17:15	32	174	2	25	20	54	108	10	94	55	282	16	872
17:15-17:30	43	179	2	26	8	35	83	6	75	59	355	17	888
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
16:30-16:45	2	1	0	0	2	0	2	0	1	0	1	1	10
16:45-17:00	0	5	0	0	1	1	0	0	2	1	3	1	14
17:00-17:15	1	3	0	0	0	0	1	0	1	1	7	0	14
17:15-17:30	0	3	0	0	0	0	0	0	0	1	1	0	5
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
16:30-16:45	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
16:30-16:45	0	0	0	0	1	0	0	0	0	0	0	0	1
16:45-17:00	0	0	0	0	0	0	0	0	0	0	1	0	1
17:00-17:15	0	1	0	0	0	1	0	0	0	0	0	1	3
17:15-17:30	0	0	0	0	0	1	0	0	0	0	0	0	1
BICYCLES													
16:30-16:45	0	1	0	0	0	0	0	0	0	0	0	0	1
16:45-17:00	0	0	0	0	0	0	0	0	0	0	1	0	1
17:00-17:15	0	1	0	0	0	0	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	1	0	0	0	0	0	1	0	2

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
16:30-16:45	2	2	0	0	4
16:45-17:00	1	1	1	2	5
17:00-17:15	0	6	0	1	7
17:15-17:30	3	2	0	0	5

Peak Hour by Movement													
PHF	.88	.95	.67	.83	.67	.73	.88	.71	.88	.84	.85	.85	.974
% Trucks(all)	2	1.9	0	0	6.5	1.6	.8	0	1.2	1.2	1.1	4.9	1.4
% Trucks(M+H)	0	.1	0	0	1.6	1.1	0	0	0	0	.1	1.6	.2
Stopped Buses	0	1	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	177	679	23	63	56	157	340	38	340	249	1081	56	3259
16:15-17:15	169	694	19	74	66	177	362	44	329	252	1112	58	3356
16:30-17:30	151	691	16	86	62	184	382	40	336	250	1203	61	3462
16:45-17:45	156	713	13	96	45	155	359	30	320	243	1259	67	3456
17:00-18:00	148	715	9	84	39	152	327	25	306	232	1243	64	3344

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
125TH AVENUE AT GREENWAY ROAD

23835



DATE OF COUNT: 06/06/00
DAY OF WEEK: Tue
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

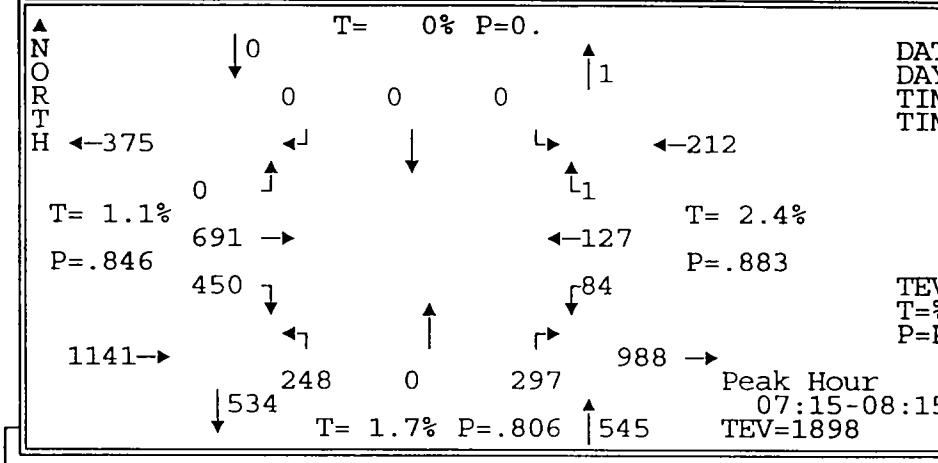
tbdg

Peak Hour
07:15-08:15
TEV=1898

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
07:00-07:05	12	35	0	0	0	0	13	0	10	5	13	0	88
07:05-07:10	27	57	0	0	0	0	8	0	13	7	8	0	120
07:10-07:15	29	33	0	0	0	0	12	0	15	5	13	0	107
07:15-07:20	25	59	0	0	0	0	13	0	18	4	6	0	125
07:20-07:25	28	45	0	0	0	0	12	0	13	11	9	0	118
07:25-07:30	44	51	0	0	0	0	16	0	23	7	11	0	152
07:30-07:35	63	47	0	0	0	0	32	0	22	11	7	1	183
07:35-07:40	60	56	0	0	0	0	27	0	26	7	7	0	183
07:40-07:45	57	54	0	0	0	0	24	0	23	10	14	0	182
07:45-07:50	41	67	0	0	0	0	33	0	34	4	10	0	189
07:50-07:55	30	71	0	0	0	0	23	0	34	6	10	0	174
07:55-08:00	36	59	0	0	0	0	18	0	27	4	13	0	157
08:00-08:05	34	71	0	0	0	0	15	0	19	4	16	0	159
08:05-08:10	20	60	0	0	0	0	19	0	28	10	10	0	147
08:10-08:15	12	51	0	0	0	0	16	0	30	6	14	0	129
08:15-08:20	21	32	0	0	0	0	6	0	16	13	15	0	103
08:20-08:25	15	65	0	0	0	0	14	0	21	9	13	0	137
08:25-08:30	13	41	0	0	0	0	12	0	5	6	13	0	90
08:30-08:35	17	48	0	0	0	0	16	0	17	8	17	0	123
08:35-08:40	18	32	0	0	0	0	17	0	13	4	5	0	89
08:40-08:45	37	32	0	0	0	0	18	0	7	10	11	0	115
08:45-08:50	24	32	0	0	0	0	24	0	14	5	13	0	112
08:50-08:55	30	28	0	0	0	0	17	0	15	3	11	0	104
08:55-09:00	20	30	0	0	0	0	16	0	18	4	12	0	100
Total Survey	713	1156	0	0	0	0	421	0	461	163	271	1	3186
PHF	.63	.86	0	0	0	0	.74	0	.78	.72	.79	.25	.856
% Trucks	3.1	1	0	0	0	0	3.8	0	1.3	3.7	1.8	0	2.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	2	0	0	0	0	0	16	0	0	3	0	
Hourly Totals													
07:00-08:00	452	634	0	0	0	0	231	0	258	81	121	1	1778
07:15-08:15	450	691	0	0	0	0	248	0	297	84	127	1	1898
07:30-08:30	402	674	0	0	0	0	239	0	285	90	142	1	1833
07:45-08:45	294	629	0	0	0	0	207	0	251	84	147	0	1612
08:00-09:00	261	522	0	0	0	0	190	0	203	82	150	0	1408

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
125TH AVENUE AT GREENWAY ROAD



DATE OF COUNT: 06/06/00
DAY OF WEEK: Tue
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

tbdg

Peak Hour
07:15-08:15
TEV=1898

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↓	SOUTH BOUND ←	SOUTH BOUND →	NORTH BOUND ↓	NORTH BOUND ↑	NORTH BOUND →	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
07:15-07:30	97	155	0	0	0	0	41	0	54	22	26	0	395
07:30-07:45	180	157	0	0	0	0	83	0	71	28	28	1	548
07:45-08:00	107	197	0	0	0	0	74	0	95	14	33	0	520
08:00-08:15	66	182	0	0	0	0	50	0	77	20	40	0	435
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
07:15-07:30	4	1	0	0	0	0	2	0	1	1	1	0	10
07:30-07:45	2	0	0	0	0	0	2	0	1	1	0	0	6
07:45-08:00	1	4	0	0	0	0	3	0	0	0	0	0	8
08:00-08:15	1	0	0	0	0	0	0	0	0	1	1	0	3
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
07:15-07:30	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30-07:45	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45-08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00-08:15	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
07:15-07:30	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30-07:45	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45-08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00-08:15	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
07:15-07:30	0	0	0	0	0	0	1	0	0	0	0	0	1
07:30-07:45	0	0	0	0	0	0	1	0	0	0	0	0	1
07:45-08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00-08:15	0	0	0	0	0	0	0	0	0	0	0	0	0

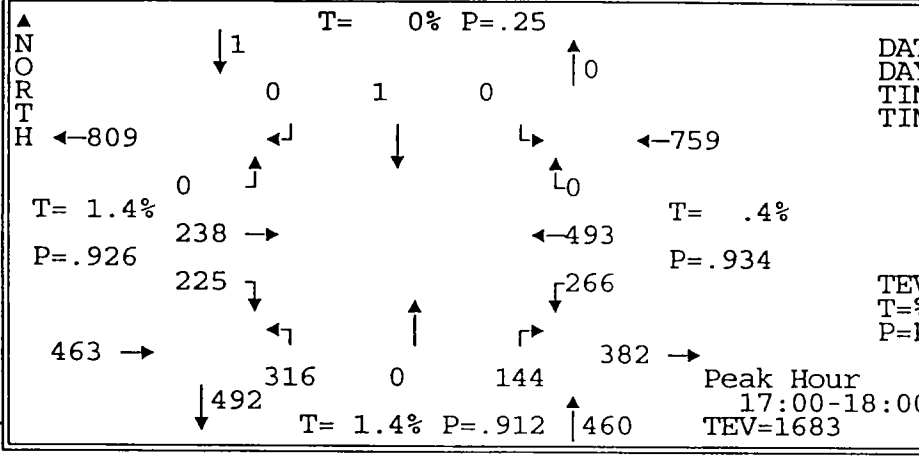
PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
07:15-07:30	0	0	1	1	2
07:30-07:45	0	0	0	0	0
07:45-08:00	0	0	0	2	2
08:00-08:15	0	0	3	0	3

Peak Hour by Movement													
PHF	.63	.88	0	0	0	0	.75	0	.78	.75	.79	.25	.865
% Trucks(all)	1.8	.7	0	0	0	0	2.8	0	.7	3.6	1.6	0	1.4
% Trucks(M+H)	0	0	0	0	0	0	0	0	0	0	0	0	0
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
07:00-08:00	452	634	0	0	0	0	231	0	258	81	121	1	1778
07:15-08:15	450	691	0	0	0	0	248	0	297	84	127	1	1898
07:30-08:30	402	674	0	0	0	0	239	0	285	90	142	1	1833
07:45-08:45	294	629	0	0	0	0	207	0	251	84	147	0	1612
08:00-09:00	261	522	0	0	0	0	190	0	203	82	150	0	1408

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
125TH AVENUE AT GREENWAY ROAD

23851



DATE OF COUNT: 06/07/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

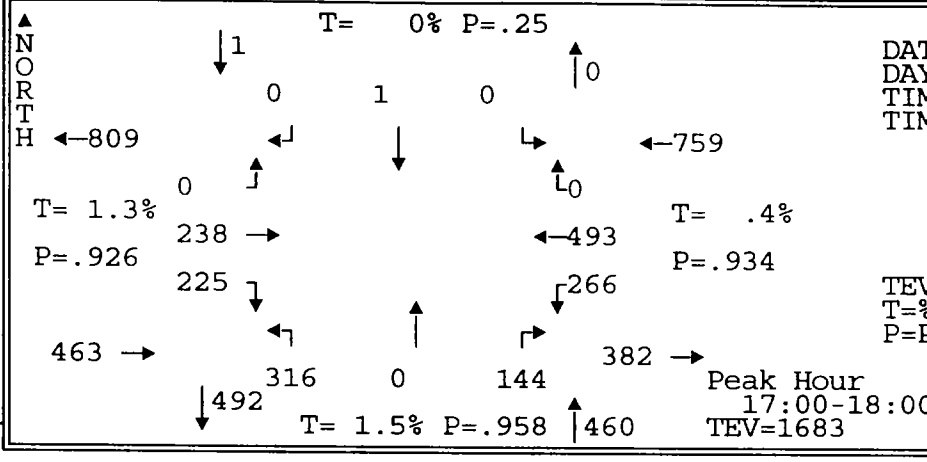
PBBO

Peak Hour
17:00-18:00
TEV=1683

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	14	15	0	0	1	0	32	1	15	15	36	0	129
16:05-16:10	17	20	0	0	0	0	29	0	11	13	20	0	110
16:10-16:15	18	12	0	0	0	0	24	0	10	13	35	0	112
16:15-16:20	17	18	0	0	0	0	21	0	9	14	31	0	110
16:20-16:25	15	25	0	0	0	0	22	0	10	14	28	0	114
16:25-16:30	18	28	0	0	0	0	33	0	15	17	41	0	152
16:30-16:35	12	27	0	0	0	0	19	0	11	15	36	0	120
16:35-16:40	22	24	0	0	0	0	26	0	11	18	32	0	133
16:40-16:45	17	18	0	0	0	0	14	0	10	25	36	0	120
16:45-16:50	16	21	0	0	0	0	25	0	8	11	41	0	122
16:50-16:55	13	24	0	0	0	0	22	0	9	32	26	0	126
16:55-17:00	24	18	0	0	0	0	23	0	7	23	42	0	137
17:00-17:05	14	16	0	0	0	0	27	0	13	27	52	0	149
17:05-17:10	22	25	0	0	0	0	26	0	5	24	31	0	133
17:10-17:15	19	17	0	0	0	0	27	0	15	14	35	0	127
17:15-17:20	23	16	0	0	0	0	24	0	10	22	33	0	128
17:20-17:25	14	24	0	0	1	0	36	0	5	23	42	0	145
17:25-17:30	19	16	0	0	0	0	27	0	11	24	43	0	140
17:30-17:35	25	20	0	0	0	0	20	0	13	24	44	0	146
17:35-17:40	22	18	0	0	0	0	30	0	17	26	34	0	147
17:40-17:45	20	20	0	0	0	0	25	0	15	24	34	0	138
17:45-17:50	11	27	0	0	0	0	26	0	13	15	52	0	144
17:50-17:55	17	17	0	0	0	0	22	0	7	18	45	0	126
17:55-18:00	19	22	0	0	0	0	26	0	20	25	48	0	160
Total Survey	428	488	0	0	2	0	606	1	270	476	897	0	3168
PHF	.84	.9	0	0	.25	0	.91	0	.8	.9	.85	0	.971
% Trucks	1.2	1.6	0	0	0	0	1.3	0	1.5	0	.7	0	1
Stopped Buses	0	1	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	17	0	
Hourly Totals													
16:00-17:00	203	250	0	0	1	0	290	1	126	210	404	0	1485
16:15-17:15	209	261	0	0	0	0	285	0	123	234	431	0	1543
16:30-17:30	215	246	0	0	1	0	296	0	115	258	449	0	1580
16:45-17:45	231	235	0	0	1	0	312	0	128	274	457	0	1638
17:00-18:00	225	238	0	0	1	0	316	0	144	266	493	0	1683

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
125TH AVENUE AT GREENWAY ROAD



DATE OF COUNT: 06/07/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

PBBO

Peak Hour
17:00-18:00
TEV=1683

Traffic Smithy
(503)641-6333

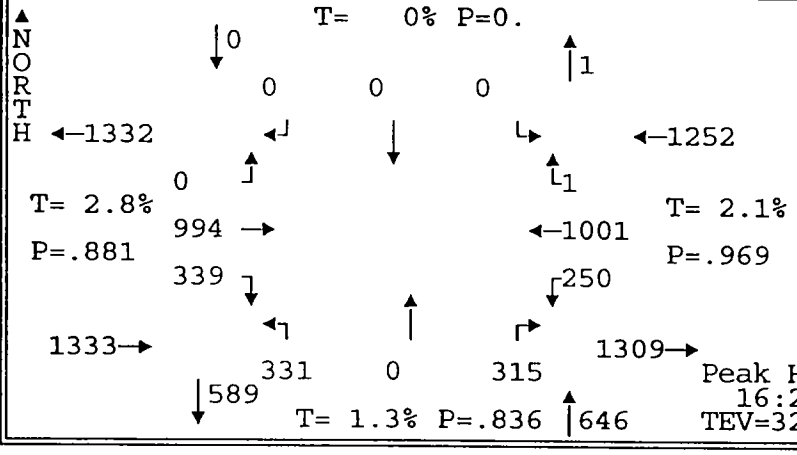
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	55	58	0	0	0	0	80	0	33	65	118	0	409
17:15-17:30	56	56	0	0	1	0	87	0	26	69	118	0	413
17:30-17:45	67	58	0	0	0	0	75	0	45	74	112	0	431
17:45-18:00	47	66	0	0	0	0	74	0	40	58	145	0	430
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	3	0	0	0	0	1	0	0	0	1	0	5
17:15-17:30	2	0	0	0	0	0	0	0	0	0	1	0	3
17:30-17:45	0	0	0	0	0	0	3	0	1	0	1	0	5
17:45-18:00	0	1	0	0	0	0	2	0	0	0	0	0	3
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	1	0	0	0	0	0	0	0	0	0	0	1

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
17:00-17:15	0	0	0	1	1
17:15-17:30	0	0	0	2	2
17:30-17:45	0	0	0	0	0
17:45-18:00	0	0	0	2	2

Peak Hour by Movement													
PHF	.84	.9	0	0	.25	0	.91	0	.8	.9	.85	0	.976
% Trucks(all)	.9	1.7	0	0	0	0	1.9	0	.7	0	.6	0	1
% Trucks(M+H)	0	0	0	0	0	0	0	0	0	0	0	0	0
Stopped Buses	0	1	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	203	250	0	0	1	0	290	1	126	210	404	0	1485
16:15-17:15	209	261	0	0	0	0	285	0	123	234	431	0	1543
16:30-17:30	215	246	0	0	1	0	296	0	115	258	449	0	1580
16:45-17:45	231	235	0	0	1	0	312	0	128	274	457	0	1638
17:00-18:00	225	238	0	0	1	0	316	0	144	266	493	0	1683

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
WESTERN AVENUE AT BEAVERTON HILLSDALE HIGHWAY

23908



DATE OF COUNT: 06/13/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

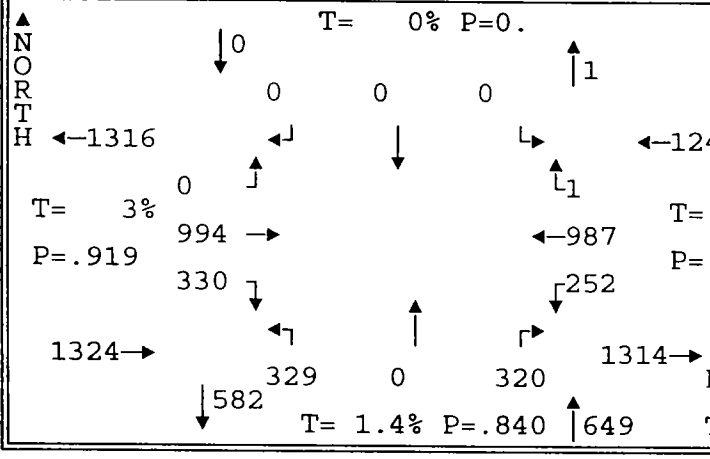
TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

PBBS

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	23	74	0	0	0	2	22	0	22	18	70	0	231
16:05-16:10	16	85	0	0	0	0	15	0	27	20	80	0	243
16:10-16:15	25	62	0	0	0	0	28	0	25	20	82	0	242
16:15-16:20	18	75	0	0	0	0	15	0	24	23	75	0	230
16:20-16:25	39	107	0	0	0	0	20	0	24	17	87	0	294
16:25-16:30	29	92	0	0	0	0	24	0	19	21	87	0	272
16:30-16:35	35	69	0	0	0	0	20	0	20	25	86	0	255
16:35-16:40	16	78	0	0	0	0	24	0	25	10	86	0	239
16:40-16:45	39	99	0	0	0	0	31	0	18	26	86	0	299
16:45-16:50	31	104	0	0	0	0	38	0	34	17	77	0	301
16:50-16:55	18	87	0	0	0	0	34	0	31	13	96	0	279
16:55-17:00	18	67	0	0	0	0	27	0	29	34	69	0	244
17:00-17:05	21	61	0	0	0	0	28	0	28	22	89	0	249
17:05-17:10	31	83	0	0	0	0	34	0	38	19	76	0	281
17:10-17:15	35	72	0	0	0	0	34	0	30	25	73	1	270
17:15-17:20	27	75	0	0	0	0	17	0	19	21	89	0	248
17:20-17:25	14	68	0	0	0	0	20	0	26	18	45	0	191
17:25-17:30	29	69	0	0	0	0	16	0	34	28	36	0	212
17:30-17:35	25	82	0	0	0	0	20	0	19	30	82	0	258
17:35-17:40	22	64	0	0	0	0	21	0	36	19	68	0	230
17:40-17:45	26	80	0	0	0	0	19	0	29	19	63	0	236
17:45-17:50	21	73	0	0	0	0	16	0	20	26	97	0	253
17:50-17:55	19	93	0	0	0	0	18	0	20	16	95	0	261
17:55-18:00	16	87	0	0	0	0	20	0	29	26	82	0	260
Total Survey	593	1906	0	0	0	2	561	0	626	513	1876	1	6078
PHF	.82	.86	0	0	0	0	.8	0	.82	.83	.96	.25	.918
% Trucks	4.6	2.3	0	0	0	0	1.4	0	1.3	1.9	2.2	0	2.3
Stopped Buses	0	0	0	0	0	0	0	0	0	0	1	0	
Peds	0	17	0	0	0	0	0	25	0	0	14	0	
Hourly Totals													
16:00-17:00	307	999	0	0	0	2	298	0	298	244	981	0	3129
16:15-17:15	330	994	0	0	0	0	329	0	320	252	987	1	3213
16:30-17:30	314	932	0	0	0	0	323	0	332	258	908	1	3068
16:45-17:45	297	912	0	0	0	0	308	0	353	265	863	1	2999
17:00-18:00	286	907	0	0	0	0	263	0	328	269	895	1	2949

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
WESTERN AVENUE AT BEAVERTON HILLSDALE HIGHWAY



DATE OF COUNT: 06/13/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

PBBS

Peak Hour
16:15-17:15
TEV=3213

Traffic Smithy
(503)641-6333

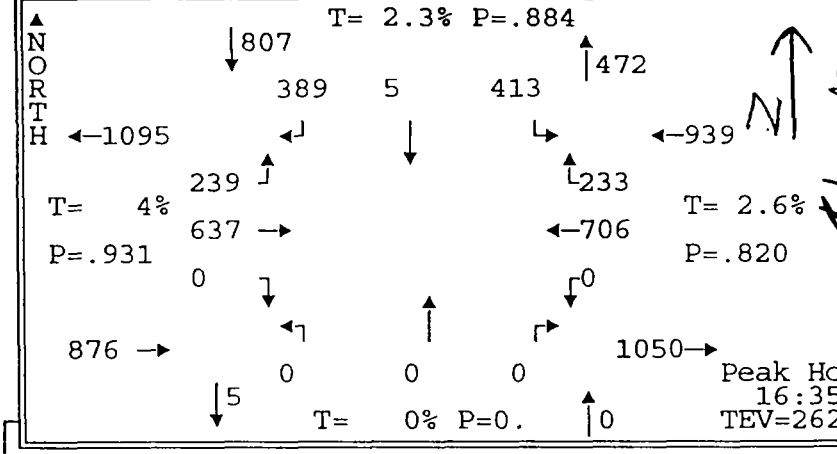
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
16:15-16:30	86	274	0	0	0	0	59	0	67	61	249	0	796
16:30-16:45	90	246	0	0	0	0	75	0	63	61	258	0	793
16:45-17:00	67	258	0	0	0	0	99	0	94	64	242	0	824
17:00-17:15	87	216	0	0	0	0	96	0	96	66	238	1	800
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
16:15-16:30	9	6	0	0	0	0	1	0	0	3	6	0	25
16:30-16:45	4	4	0	0	0	0	0	0	0	0	5	0	13
16:45-17:00	2	5	0	0	0	0	2	0	1	0	5	0	15
17:00-17:15	1	2	0	0	0	0	0	0	2	1	8	0	14
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
16:15-16:30	0	0	0	0	0	0	0	0	0	1	0	0	1
16:30-16:45	2	1	0	0	0	0	0	0	0	0	0	0	3
16:45-17:00	0	1	0	0	0	0	0	0	0	1	1	0	3
17:00-17:15	1	0	0	0	0	0	1	0	1	0	0	0	3
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
16:15-16:30	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30-16:45	1	0	0	0	0	0	0	0	0	0	0	0	1
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	1	0	0	0	0	0	0	1	0	0	0	2
BICYCLES													
16:15-16:30	0	0	0	0	0	0	0	0	0	0	2	0	2
16:30-16:45	0	0	0	0	0	0	0	0	1	0	0	0	1
16:45-17:00	0	0	0	0	0	0	0	0	0	0	1	0	1
17:00-17:15	0	1	0	0	0	0	0	0	0	0	0	0	1

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
16:15-16:30	1	0	1	0	2
16:30-16:45	4	0	1	0	5
16:45-17:00	5	0	7	10	22
17:00-17:15	0	0	5	0	5

Peak Hour by Movement													
PHF	.92	.91	0	0	0	0	.83	0	.83	.95	.96	.25	.974
% Trucks(all)	6.1	2	0	0	0	0	1.2	0	1.6	2.4	2.5	0	2.5
% Trucks(M+H)	1.2	.3	0	0	0	0	.3	0	.6	.8	.1	0	.4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	1	0	
Hourly Totals													
16:00-17:00	307	999	0	0	0	2	298	0	298	244	981	0	3129
16:15-17:15	330	994	0	0	0	0	329	0	320	252	987	1	3213
16:30-17:30	314	932	0	0	0	0	323	0	332	258	908	1	3068
16:45-17:45	297	912	0	0	0	0	308	0	353	265	863	1	2999
17:00-18:00	286	907	0	0	0	0	263	0	328	269	895	1	2949

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
WESTERN AVENUE AT ALLEN BOULEVARD

23836



DATE OF COUNT: 06/06/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

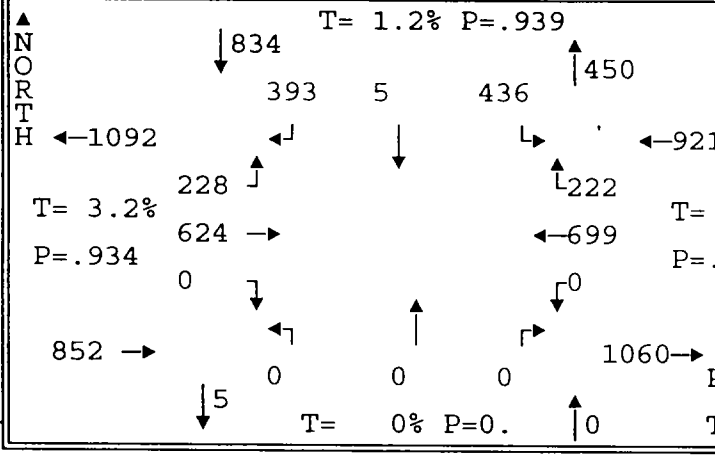
DJMD

Peak Hour
16:35-17:35
TEV=2622

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	0	46	22	17	0	17	0	0	0	0	57	14	173
16:05-16:10	0	40	23	31	0	28	0	0	0	0	49	18	189
16:10-16:15	0	59	21	22	0	18	0	0	0	0	53	15	188
16:15-16:20	0	41	17	40	0	35	0	0	0	0	43	13	189
16:20-16:25	0	44	22	29	0	31	0	0	0	0	54	23	203
16:25-16:30	0	40	21	18	0	24	0	0	0	0	48	12	163
16:30-16:35	0	44	20	30	0	23	0	0	0	0	53	17	187
16:35-16:40	0	44	26	30	0	22	0	0	0	0	72	23	217
16:40-16:45	0	62	18	33	0	32	0	0	0	0	49	17	211
16:45-16:50	0	54	26	28	0	34	0	0	0	0	41	17	200
16:50-16:55	0	47	22	33	0	38	0	0	0	0	48	19	207
16:55-17:00	0	68	11	19	1	41	0	0	0	0	53	15	208
17:00-17:05	0	57	30	37	0	26	0	0	0	0	59	14	223
17:05-17:10	0	56	12	40	0	39	0	0	0	0	114	23	284
17:10-17:15	0	53	20	35	0	45	0	0	0	0	58	18	229
17:15-17:20	0	50	19	33	1	35	0	0	0	0	48	22	208
17:20-17:25	0	47	13	33	2	25	0	0	0	0	66	24	210
17:25-17:30	0	49	16	32	0	38	0	0	0	0	49	20	204
17:30-17:35	0	50	26	36	1	38	0	0	0	0	49	21	221
17:35-17:40	0	43	21	33	0	44	0	0	0	0	56	9	206
17:40-17:45	0	50	12	34	0	33	0	0	0	0	58	20	207
17:45-17:50	0	55	13	36	0	41	0	0	0	0	51	7	203
17:50-17:55	0	38	16	28	0	37	0	0	0	0	50	11	180
17:55-18:00	0	59	18	24	0	24	0	0	0	0	28	11	164
Total Survey	0	1196	465	731	5	768	0	0	0	0	1306	403	4874
PHF	0	.88	.85	.87	.42	.87	0	0	0	0	.76	.88	.890
% Trucks	0	2.8	7.1	3.3	20	1.3	0	0	0	0	2.8	2	3
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	1	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	0	589	249	330	1	343	0	0	0	0	620	203	2335
16:15-17:15	0	610	245	372	1	390	0	0	0	0	692	211	2521
16:30-17:30	0	631	233	383	4	398	0	0	0	0	710	229	2588
16:45-17:45	0	624	228	393	5	436	0	0	0	0	699	222	2607
17:00-18:00	0	607	216	401	4	425	0	0	0	0	686	200	2539

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
WESTERN AVENUE AT ALLEN BOULEVARD



DATE OF COUNT: 06/06/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

DJMD

Peak Hour
16:45-17:45
TEV=2607

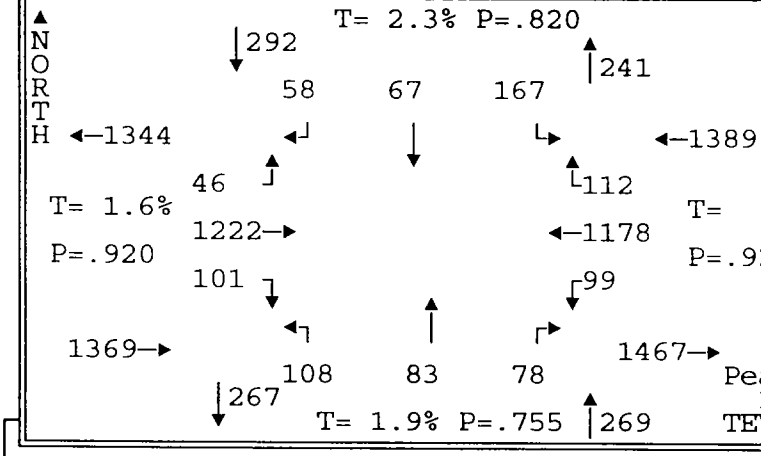
Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↰	ALL
ALL VEHICLES													
16:45-17:00	0	169	59	80	1	113	0	0	0	0	142	51	615
17:00-17:15	0	166	62	112	0	110	0	0	0	0	231	55	736
17:15-17:30	0	146	48	98	3	98	0	0	0	0	163	66	622
17:30-17:45	0	143	59	103	1	115	0	0	0	0	163	50	634
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
16:45-17:00	0	4	1	1	0	0	0	0	0	0	3	0	9
17:00-17:15	0	5	4	1	0	0	0	0	0	0	1	0	11
17:15-17:30	0	1	1	0	0	0	0	0	0	0	2	0	4
17:30-17:45	0	2	1	0	1	1	0	0	0	0	1	0	6
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
16:45-17:00	0	0	0	0	0	0	0	0	0	0	1	0	1
17:00-17:15	0	0	1	1	0	0	0	0	0	0	0	0	2
17:15-17:30	0	0	1	0	0	0	0	0	0	0	4	0	5
17:30-17:45	0	0	2	1	0	0	0	0	0	0	1	0	4
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
16:45-17:00	0	1	0	0	0	2	0	0	0	0	1	0	4
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	2	0	1	0	0	0	0	0	0	0	0	3
17:30-17:45	0	0	1	0	0	1	0	0	0	0	1	0	3
BICYCLES													
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	0	0	0	0	0	0	0	0	0	1	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS — CROSSWALK USEAGE	SOUTH	WEST	EAST	NORTH	ALL
16:45-17:00	0	0	0	0	0
17:00-17:15	0	0	0	0	0
17:15-17:30	0	0	0	0	0
17:30-17:45	0	0	0	0	0

Peak Hour by Movement													
PHF	0	.92	.92	.88	.42	.95	0	0	0	0	.76	.84	.885
% Trucks(all)	0	2.4	5.3	1.3	20	.9	0	0	0	0	2.1	0	2
% Trucks(M+H)	0	.5	2.2	.8	0	.7	0	0	0	0	1.1	0	.8
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	0	589	249	330	1	343	0	0	0	0	620	203	2335
16:15-17:15	0	610	245	372	1	390	0	0	0	0	692	211	2521
16:30-17:30	0	631	233	383	4	398	0	0	0	0	710	229	2588
16:45-17:45	0	624	228	393	5	436	0	0	0	0	699	222	2607
17:00-18:00	0	607	216	401	4	425	0	0	0	0	686	200	2539

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
BEAVERTON-HILLSDALE HIGHWAY AT LAURELWOOD AVENUE



DATE OF COUNT: 04/04/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

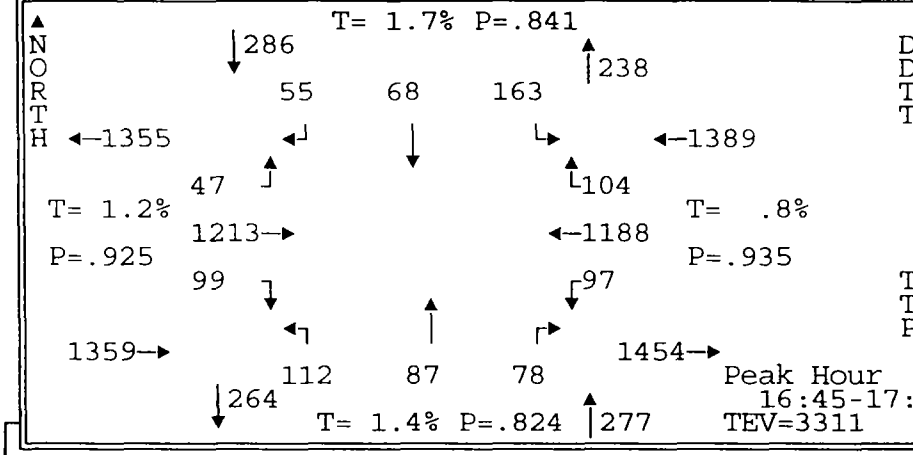
djkv

Peak Hour
16:40-17:40
TEV=3319

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	0	89	5	4	10	12	7	8	6	9	98	9	257
16:05-16:10	7	98	3	6	9	15	10	9	11	7	81	10	266
16:10-16:15	11	84	6	6	7	14	8	11	4	3	80	11	245
16:15-16:20	11	92	7	2	5	13	9	6	5	5	69	21	245
16:20-16:25	6	97	7	3	5	13	12	7	9	7	98	14	278
16:25-16:30	9	88	4	3	2	11	8	15	4	9	80	2	235
16:30-16:35	1	99	1	0	3	10	2	5	5	3	97	11	237
16:35-16:40	7	83	2	7	9	13	6	4	6	2	94	13	246
16:40-16:45	8	90	3	3	4	17	7	6	5	11	88	14	256
16:45-16:50	6	93	1	5	6	16	4	7	2	8	112	11	271
16:50-16:55	7	100	5	2	10	9	5	5	10	7	95	7	262
16:55-17:00	8	113	7	1	8	16	7	4	12	10	113	8	307
17:00-17:05	9	104	1	9	7	16	8	7	9	4	100	10	284
17:05-17:10	6	110	3	9	6	17	9	6	5	8	97	5	281
17:10-17:15	12	114	8	8	2	11	5	1	5	8	119	5	298
17:15-17:20	9	106	4	1	4	10	8	13	6	8	85	11	265
17:20-17:25	16	96	1	1	2	14	19	10	4	11	112	17	303
17:25-17:30	9	106	3	6	8	17	10	7	7	8	91	10	282
17:30-17:35	6	101	3	7	7	12	15	11	6	5	75	5	253
17:35-17:40	5	89	7	6	3	12	11	6	7	11	91	9	257
17:40-17:45	6	81	4	0	5	13	11	10	5	9	98	6	248
17:45-17:50	9	89	1	4	8	13	4	5	3	3	94	10	243
17:50-17:55	10	111	3	9	8	9	2	6	9	15	102	5	289
17:55-18:00	2	87	5	5	6	5	8	10	6	9	84	7	234
Total Survey	180	2320	94	107	144	308	195	179	151	180	2253	231	6342
PHF	.68	.93	.77	.56	.67	.85	.61	.69	.63	.92	.92	.74	.951
% Trucks	.6	1.7	1.1	7.5	2.1	.6	1	3.9	.7	0	1.1	.9	1.4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	22	0	0	2	0	0	2	0	0	3	0	
Hourly Totals													
16:00-17:00	81	1126	51	42	78	159	85	87	79	81	1105	131	3105
16:15-17:15	90	1183	49	52	67	162	82	73	77	82	1162	121	3200
16:30-17:30	98	1214	39	52	69	166	90	75	76	88	1203	122	3292
16:45-17:45	99	1213	47	55	68	163	112	87	78	97	1188	104	3311
17:00-18:00	99	1194	43	65	66	149	110	92	72	99	1148	100	3237

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
BEAVERTON-HILLSDALE HIGHWAY AT LAURELWOOD AVENUE



DATE OF COUNT: 04/04/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

djkv

Peak Hour
16:45-17:45
TEV=3311

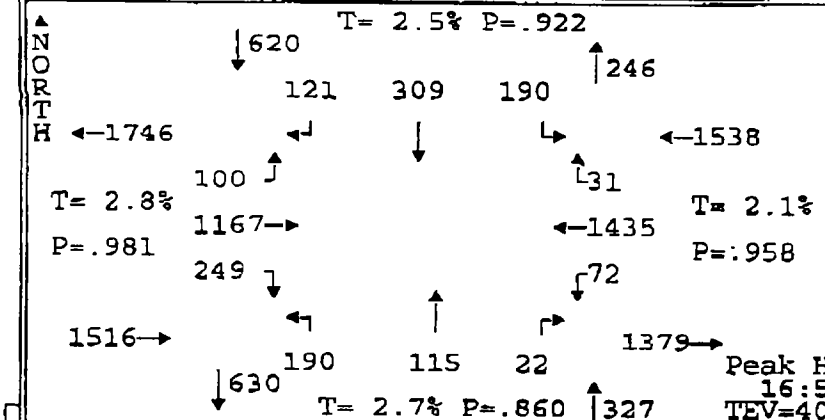
Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
16:45-17:00	21	306	13	8	24	41	16	16	24	25	320	26	840
17:00-17:15	27	328	12	26	15	44	22	14	19	20	316	20	863
17:15-17:30	34	308	8	8	14	41	37	30	17	27	288	38	850
17:30-17:45	17	271	14	13	15	37	37	27	18	25	264	20	758
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
16:45-17:00	0	2	0	1	0	0	0	0	0	0	3	0	6
17:00-17:15	0	4	0	2	0	1	1	1	0	0	4	0	13
17:15-17:30	1	3	0	0	0	0	0	0	0	0	1	0	5
17:30-17:45	0	4	0	0	0	0	0	2	0	0	3	0	9
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
16:45-17:00	0	1	0	0	0	0	0	0	0	0	0	0	1
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	1	0	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	1	0	0	0	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
16:45-17:00	0	1	0	0	0	0	0	0	0	0	0	0	1
17:00-17:15	0	1	0	0	0	0	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	2	0	2

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
16:45-17:00	1	0	0	0	1
17:00-17:15	0	0	0	0	0
17:15-17:30	3	1	1	1	6
17:30-17:45	0	0	0	0	0

Peak Hour by Movement													
PHF	.73	.92	.84	.53	.71	.93	.76	.73	.81	.9	.93	.68	.959
% Trucks(all)	1	1.2	0	7.3	0	.6	.9	3.4	0	0	.9	0	1.1
% Trucks(M+H)	0	.2	0	1.8	0	0	0	0	0	0	0	0	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	81	1126	51	42	78	159	85	87	79	81	1105	131	3105
16:15-17:15	90	1183	49	52	67	162	82	73	77	82	1162	121	3200
16:30-17:30	98	1214	39	52	69	166	90	75	76	88	1203	122	3292
16:45-17:45	99	1213	47	55	68	163	112	87	78	97	1188	104	3311
17:00-18:00	99	1194	43	65	66	149	110	92	72	99	1148	100	3237

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
TUALATIN VALLEY HIGHWAY AT HOCKEN AVENUE



DATE OF COUNT: 12/14/99
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

Peak Hour
16:50-17:50
TEV=4001

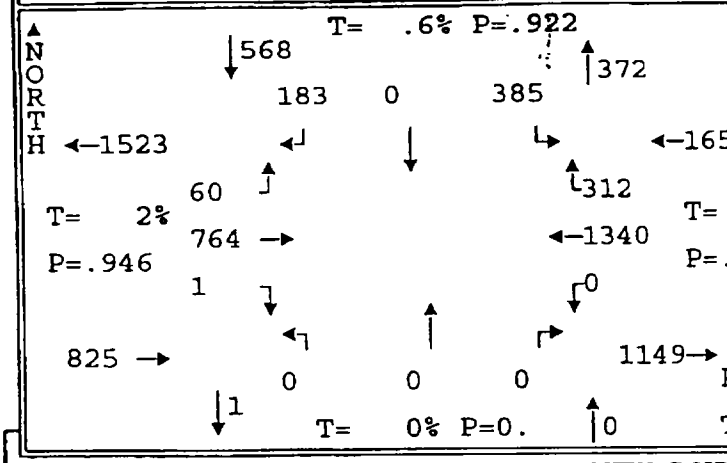
BKRV

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	13	68	6	13	12	10	15	5	2	6	119	3	272
16:05-16:10	24	93	12	6	22	12	10	7	3	5	126	4	324
16:10-16:15	19	99	15	10	25	4	15	10	0	8	116	4	325
16:15-16:20	15	100	5	7	18	11	9	6	2	4	137	4	318
16:20-16:25	13	103	9	7	9	3	21	8	2	7	112	2	296
16:25-16:30	18	86	6	14	31	7	12	8	2	2	122	6	314
16:30-16:35	20	94	9	15	21	11	10	5	4	6	129	4	328
16:35-16:40	19	106	10	11	25	14	20	10	2	2	115	2	336
16:40-16:45	17	70	7	14	25	5	10	4	4	9	133	3	301
16:45-16:50	11	69	12	14	26	11	19	9	1	6	116	3	297
16:50-16:55	21	110	8	16	15	19	8	9	2	9	127	2	346
16:55-17:00	17	89	9	6	18	8	19	11	3	4	119	7	310
17:00-17:05	19	87	12	12	26	17	12	14	2	7	113	2	323
17:05-17:10	19	105	8	6	29	14	21	2	0	8	124	3	339
17:10-17:15	24	99	6	9	30	20	14	16	2	3	114	3	340
17:15-17:20	23	91	3	10	30	16	17	14	1	4	136	6	351
17:20-17:25	25	93	12	6	26	17	20	9	2	5	111	3	329
17:25-17:30	23	99	9	17	24	11	15	10	2	7	116	1	334
17:30-17:35	17	100	8	15	30	14	11	5	3	7	114	1	325
17:35-17:40	17	89	9	9	26	20	21	13	1	6	118	1	330
17:40-17:45	27	107	7	10	28	16	11	4	1	5	125	2	343
17:45-17:50	17	98	9	5	27	18	21	8	3	7	118	0	331
17:50-17:55	13	98	16	8	27	11	11	3	0	5	106	7	305
17:55-18:00	22	92	14	16	28	18	17	9	1	7	113	4	341
Total Survey	453	2245	221	256	578	307	359	199	45	139	2879	77	7758
PHF	.86	.99	.86	.74	.87	.88	.9	.74	.79	.9	.96	.65	.971
% Trucks	2	2.8	4.5	3.9	1.6	3.3	1.7	5	0	.7	2	6.5	2.5
Stopped Buses	0	3	0	0	0	0	0	0	0	0	0	0	
Peds	0	3	0	0	8	0	0	9	0	0	6	0	
Hourly Totals													
16:00-17:00	207	1087	108	133	247	115	168	92	27	68	1471	44	3767
16:15-17:15	213	1118	101	131	273	140	175	102	26	67	1461	41	3848
16:30-17:30	238	1112	105	136	295	163	185	113	25	70	1453	39	3934
16:45-17:45	243	1138	103	130	308	183	188	116	20	71	1433	34	3967
17:00-18:00	246	1158	113	123	331	192	191	107	18	71	1408	33	3991

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
BEAVERTON HILLSDALE HIGHWAY AT HOCKEN AVENUE

20408



DATE OF COUNT: 07/14/99
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

ERWI

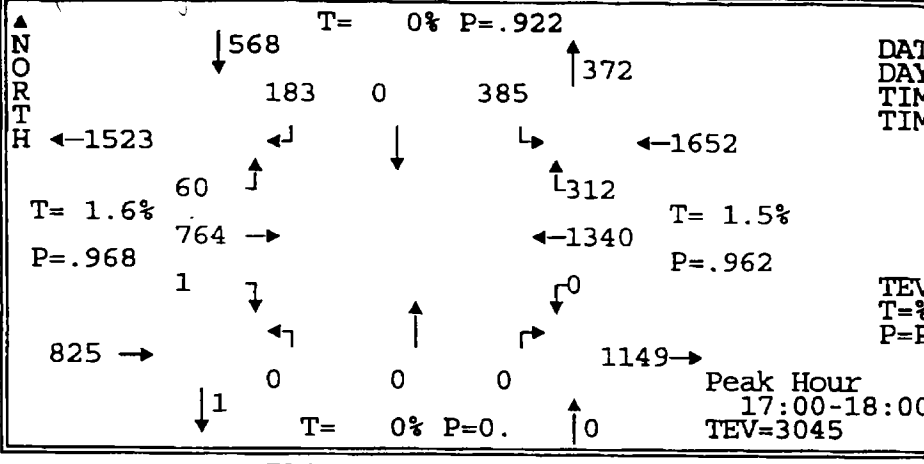
Peak Hour
17:00-18:00
TEV=3045

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	0	63	2	12	0	28	0	0	0	0	96	16	217
16:05-16:10	0	73	4	15	0	25	0	0	0	0	52	6	175
16:10-16:15	0	55	4	17	0	30	0	0	0	0	104	26	236
16:15-16:20	0	68	9	12	0	25	0	0	0	0	89	16	219
16:20-16:25	0	71	5	9	0	29	0	0	0	0	95	23	232
16:25-16:30	0	69	4	10	0	37	0	0	0	0	91	21	232
16:30-16:35	0	60	5	13	0	32	0	0	0	0	104	19	233
16:35-16:40	0	55	5	11	0	30	0	0	0	0	87	21	209
16:40-16:45	0	56	4	13	0	31	0	0	0	0	101	19	224
16:45-16:50	0	69	6	10	0	32	0	0	0	0	86	18	221
16:50-16:55	0	68	8	8	0	26	0	0	0	0	72	21	203
16:55-17:00	0	58	3	16	0	28	0	0	0	0	109	19	233
17:00-17:05	0	62	7	21	0	37	0	0	0	0	97	34	258
17:05-17:10	0	55	1	12	0	21	0	0	0	0	129	30	248
17:10-17:15	0	75	4	15	0	34	0	0	0	0	96	22	246
17:15-17:20	0	60	7	17	0	37	0	0	0	0	123	22	266
17:20-17:25	0	66	6	14	0	32	0	0	0	0	113	23	254
17:25-17:30	0	66	3	10	0	39	0	0	0	0	110	38	266
17:30-17:35	0	62	4	16	0	35	0	0	0	0	121	32	270
17:35-17:40	1	67	4	11	0	39	0	0	0	0	110	30	262
17:40-17:45	0	59	3	22	0	31	0	0	0	0	108	14	237
17:45-17:50	0	66	9	15	0	23	0	0	0	0	115	20	248
17:50-17:55	0	61	7	18	0	30	0	0	0	0	101	25	242
17:55-18:00	0	65	5	12	0	27	0	0	0	0	117	22	248
Total Survey	1	1529	119	329	0	738	0	0	0	0	2426	537	5679
PHF	.25	.95	.71	.83	0	.85	0	0	0	0	.96	.78	.953
% Trucks	0	1.8	5	.3	0	.7	0	0	0	0	1.5	2.2	1.5
Stopped Buses	0	0	0	0	0	0	0	0	0	0	2	0	
Peds	0	0	0	0	11	0	0	0	0	0	9	0	
Hourly Totals													
16:00-17:00	0	765	59	146	0	353	0	0	0	0	1086	225	2634
16:15-17:15	0	766	61	150	0	362	0	0	0	0	1156	263	2758
16:30-17:30	0	750	59	160	0	379	0	0	0	0	1227	286	2861
16:45-17:45	1	767	56	172	0	391	0	0	0	0	1274	303	2964
17:00-18:00	1	764	60	183	0	385	0	0	0	0	1340	312	3045

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
BEAVERTON HILLSDALE HIGHWAY AT HOCKEN AVENUE

(Canyon)



DATE OF COUNT: 07/14/99
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

ERWI

Peak Hour
17:00-18:00
TEV=3045

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	0	192	12	48	0	92	0	0	0	0	322	86	752
17:15-17:30	0	192	16	41	0	108	0	0	0	0	346	83	786
17:30-17:45	1	188	11	49	0	105	0	0	0	0	339	76	769
17:45-18:00	0	192	21	45	0	80	0	0	0	0	333	67	738
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	3	0	0	0	0	0	0	0	0	6	1	10
17:15-17:30	0	3	0	0	0	0	0	0	0	0	2	3	8
17:30-17:45	0	3	0	0	0	0	0	0	0	0	3	4	10
17:45-18:00	0	1	1	0	0	0	0	0	0	0	5	0	7
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	1	0	0	0	0	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	1	0	0	0	0	0	0	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	1	0	0	0	0	0	0	0	1	2
17:15-17:30	0	0	0	1	0	1	0	0	0	0	0	0	2
17:30-17:45	0	1	0	2	0	2	0	0	0	0	0	0	5
17:45-18:00	0	0	0	0	0	0	0	0	0	0	1	0	1

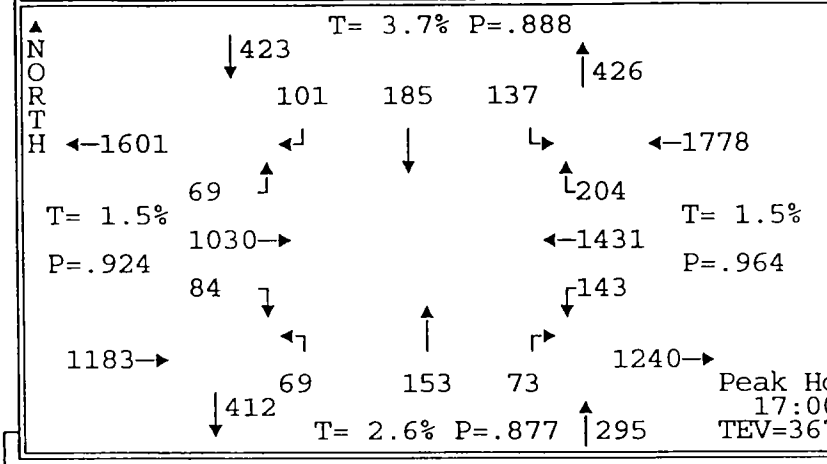
PEDESTRIANS — CROSSWALK USEAGE	SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	2	0	2	4
17:15-17:30	0	0	0	1	1
17:30-17:45	0	2	0	2	4
17:45-18:00	0	1	0	0	1

Peak Hour by Movement													
PHF	.25	.99	.71	.93	0	.89	0	0	0	0	.97	.91	.968
% Trucks(all)	0	1.6	1.7	0	0	0	0	0	0	0	1.2	2.6	1.2
% Trucks(M+H)	0	.3	0	0	0	0	0	0	0	0	0	0	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	1	0	

Hourly Totals													
16:00-17:00	0	765	59	146	0	353	0	0	0	0	1086	225	2634
16:15-17:15	0	766	61	150	0	362	0	0	0	0	1156	263	2758
16:30-17:30	0	750	59	160	0	379	0	0	0	0	1227	286	2861
16:45-17:45	1	767	56	172	0	391	0	0	0	0	1274	303	2964
17:00-18:00	1	764	60	183	0	385	0	0	0	0	1340	312	3045

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
LOMBARD AVENUE AT FARMINGTON ROAD

23982



DATE OF COUNT: 06/20/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

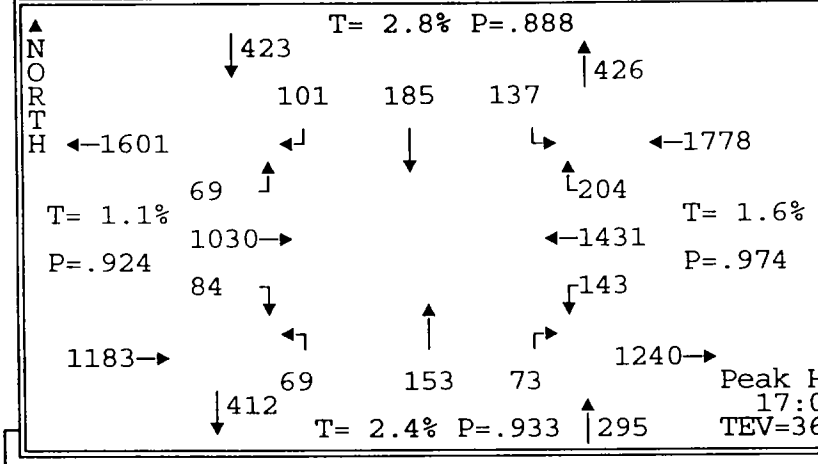
BKVP

Peak Hour
17:00-18:00
TEV=3679

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	8	72	8	3	10	14	9	9	8	8	78	13	240
16:05-16:10	6	86	5	4	24	8	6	10	10	20	127	15	321
16:10-16:15	10	79	2	5	20	12	9	7	10	15	125	16	310
16:15-16:20	9	77	5	6	17	13	3	10	4	10	104	18	276
16:20-16:25	4	73	6	7	18	7	3	11	7	16	122	17	291
16:25-16:30	7	81	6	6	20	9	4	12	3	12	113	13	286
16:30-16:35	4	72	5	10	9	7	4	14	4	11	111	14	265
16:35-16:40	5	68	9	2	11	14	11	10	7	7	81	13	238
16:40-16:45	4	82	6	6	13	10	4	17	5	16	141	17	321
16:45-16:50	7	82	5	5	17	14	5	12	9	13	114	7	290
16:50-16:55	4	98	6	4	13	5	4	8	5	11	111	21	290
16:55-17:00	11	64	1	8	17	13	10	9	4	17	112	13	279
17:00-17:05	6	90	8	10	10	11	6	6	9	9	121	13	299
17:05-17:10	5	97	6	12	12	14	8	10	5	12	114	21	316
17:10-17:15	8	86	7	8	19	7	13	12	10	8	116	19	313
17:15-17:20	8	92	4	3	20	9	2	13	7	12	127	15	312
17:20-17:25	5	87	7	7	10	12	8	16	3	11	110	19	295
17:25-17:30	6	67	5	7	15	8	7	17	5	17	123	22	299
17:30-17:35	5	82	6	11	17	14	7	12	7	15	111	26	313
17:35-17:40	4	87	4	11	14	10	4	14	6	9	124	14	301
17:40-17:45	7	70	4	9	18	15	4	9	7	11	126	18	298
17:45-17:50	10	96	6	7	16	18	1	15	5	19	124	9	326
17:50-17:55	7	95	5	5	17	8	5	12	2	15	117	13	301
17:55-18:00	13	81	7	11	17	11	4	17	7	5	118	15	306
Total Survey	163	1964	133	167	374	263	141	282	149	299	2770	381	7086
PHF	.7	.94	.82	.81	.91	.8	.64	.83	.76	.79	.96	.76	.977
% Trucks	3.7	1	6	4.8	2.9	4.2	1.4	3.5	2	.3	1.4	3.1	1.8
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	16	0	0	1	0	0	96	0	0	7	0	
Hourly Totals													
16:00-17:00	79	934	64	66	189	126	72	129	76	156	1339	177	3407
16:15-17:15	74	970	70	84	176	124	75	131	72	142	1360	186	3464
16:30-17:30	73	985	69	82	166	124	82	144	73	144	1381	194	3517
16:45-17:45	76	1002	63	95	182	132	78	138	77	145	1409	208	3605
17:00-18:00	84	1030	69	101	185	137	69	153	73	143	1431	204	3679

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
LOMBARD AVENUE AT FARMINGTON ROAD



DATE OF COUNT: 06/20/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

BKVP

Peak Hour
17:00-18:00
TEV=3679

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	19	273	21	30	41	32	27	28	24	29	351	53	928
17:15-17:30	19	246	16	17	45	29	17	46	15	40	360	56	906
17:30-17:45	16	239	14	31	49	39	15	35	20	35	361	58	912
17:45-18:00	30	272	18	23	50	37	10	44	14	39	359	37	933
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	3	1	1	2	0	0	1	0	0	4	2	14
17:15-17:30	0	1	1	1	0	1	0	1	0	0	2	2	9
17:30-17:45	0	1	1	1	2	1	0	2	0	0	6	2	16
17:45-18:00	2	0	1	1	0	1	0	2	0	0	8	1	16
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	1	0	0	0	0	0	1	0	2
17:15-17:30	0	0	0	0	0	0	0	1	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	1	0	0	0	0	0	0	0	0	0	0	0	1
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	1	0	0	0	0	0	0	0	0	0	0	0	1
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

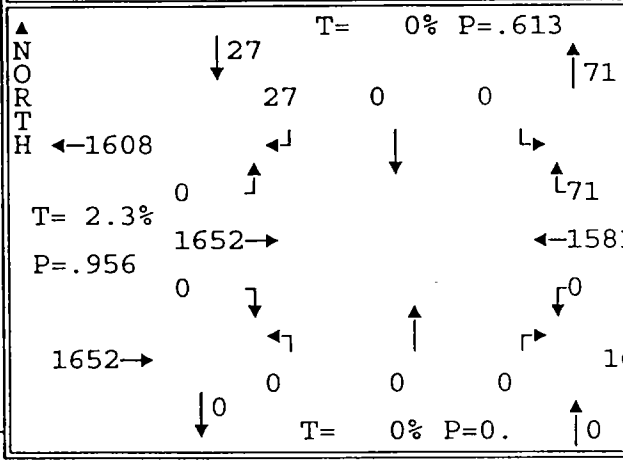
PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	0	16	1	17
17:15-17:30	5	0	14	0	19
17:30-17:45	0	0	3	2	5
17:45-18:00	5	0	17	1	23

Peak Hour by Movement													
PHF	.7	.94	.82	.81	.93	.88	.64	.83	.76	.89	.99	.88	.985
% Trucks(all)	4.8	.5	5.8	4	2.7	2.2	0	4.6	0	0	1.5	3.4	1.6
% Trucks(M+H)	2.4	0	0	0	.5	0	0	.7	0	0	.1	0	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	79	934	64	66	189	126	72	129	76	156	1339	177	3407
16:15-17:15	74	970	70	84	176	124	75	131	72	142	1360	186	3464
16:30-17:30	73	985	69	82	166	124	82	144	73	144	1381	194	3517
16:45-17:45	76	1002	63	95	182	132	78	138	77	145	1409	208	3605
17:00-18:00	84	1030	69	101	185	137	69	153	73	143	1431	204	3679

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CANYON ROAD AT 114TH AVENUE

23950



DATE OF COUNT: 6/8/00
DAY OF WEEK: THU
TIME STARTED: 16:00
TIME ENDED: 18:00

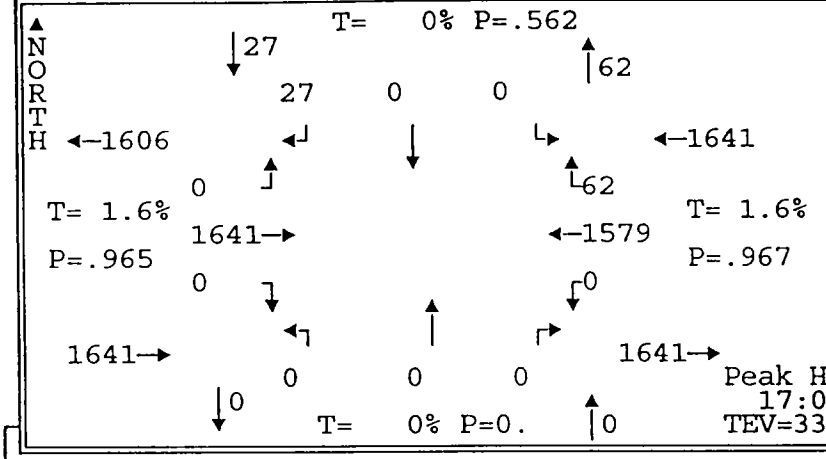
TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

gmaa

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	0	89	0	3	0	0	0	0	0	0	138	10	240
16:05-16:10	0	116	0	2	0	0	0	0	0	0	136	4	258
16:10-16:15	0	129	0	2	0	0	0	0	0	0	139	10	280
16:15-16:20	0	133	0	2	0	0	0	0	0	0	142	5	282
16:20-16:25	0	124	0	4	0	0	0	0	0	0	118	9	255
16:25-16:30	0	131	0	2	0	0	0	0	0	0	132	7	272
16:30-16:35	0	105	0	3	0	0	0	0	0	0	123	3	234
16:35-16:40	0	123	0	0	0	0	0	0	0	0	152	3	278
16:40-16:45	0	143	0	0	0	0	0	0	0	0	141	8	292
16:45-16:50	0	129	0	3	0	0	0	0	0	0	124	5	261
16:50-16:55	0	120	0	4	0	0	0	0	0	0	146	5	275
16:55-17:00	0	118	0	1	0	0	0	0	0	0	121	7	247
17:00-17:05	0	147	0	2	0	0	0	0	0	0	131	8	288
17:05-17:10	0	132	0	1	0	0	0	0	0	0	128	12	273
17:10-17:15	0	146	0	3	0	0	0	0	0	0	141	4	294
17:15-17:20	0	140	0	1	0	0	0	0	0	0	138	4	283
17:20-17:25	0	146	0	1	0	0	0	0	0	0	118	8	273
17:25-17:30	0	136	0	2	0	0	0	0	0	0	127	3	268
17:30-17:35	0	139	0	3	0	0	0	0	0	0	130	2	274
17:35-17:40	0	156	0	6	0	0	0	0	0	0	136	5	303
17:40-17:45	0	125	0	3	0	0	0	0	0	0	124	3	255
17:45-17:50	0	132	0	0	0	0	0	0	0	0	131	4	267
17:50-17:55	0	122	0	3	0	0	0	0	0	0	139	6	270
17:55-18:00	0	120	0	2	0	0	0	0	0	0	136	3	261
Total Survey	0	3101	0	53	0	0	0	0	0	0	3191	138	6483
PHF	0	.96	0	.61	0	0	0	0	0	0	.96	.66	.973
% Trucks	0	2.3	0	0	0	0	0	0	0	0	2.3	.7	2.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	17	0	
Hourly Totals													
16:00-17:00	0	1460	0	26	0	0	0	0	0	0	1612	76	3174
16:15-17:15	0	1551	0	25	0	0	0	0	0	0	1599	76	3251
16:30-17:30	0	1585	0	21	0	0	0	0	0	0	1590	70	3266
16:45-17:45	0	1634	0	30	0	0	0	0	0	0	1564	66	3294
17:00-18:00	0	1641	0	27	0	0	0	0	0	0	1579	62	3309

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
CANYON ROAD AT 114TH AVENUE



DATE OF COUNT: 6/8/00
DAY OF WEEK: THU
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

gmaa

Peak Hour
17:00-18:00
TEV=3309

Traffic Smithy
(503)641-6333

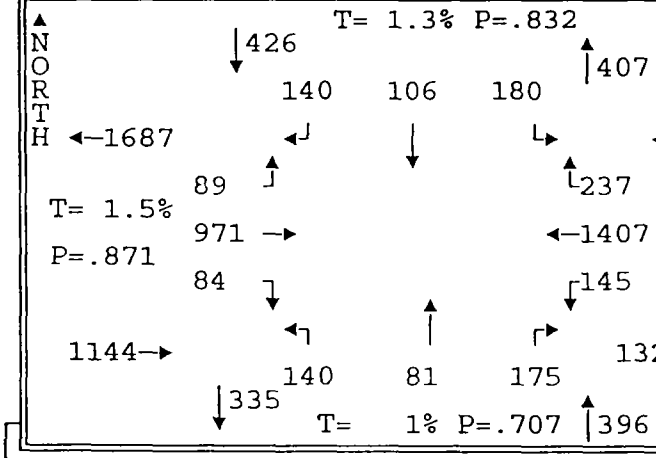
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	0	425	0	6	0	0	0	0	0	0	400	24	855
17:15-17:30	0	422	0	4	0	0	0	0	0	0	383	15	824
17:30-17:45	0	420	0	12	0	0	0	0	0	0	390	10	832
17:45-18:00	0	374	0	5	0	0	0	0	0	0	406	13	798
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	4	0	0	0	0	0	0	0	0	6	0	10
17:15-17:30	0	9	0	0	0	0	0	0	0	0	5	0	14
17:30-17:45	0	2	0	0	0	0	0	0	0	0	3	0	5
17:45-18:00	0	0	0	0	0	0	0	0	0	0	6	0	6
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	2	0	0	0	0	0	0	0	0	1	0	3
17:15-17:30	0	2	0	0	0	0	0	0	0	0	0	0	2
17:30-17:45	0	0	0	0	0	0	0	0	0	0	1	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	5	0	0	0	0	0	0	0	0	1	0	6
17:15-17:30	0	1	0	0	0	0	0	0	0	0	1	0	2
17:30-17:45	0	0	0	0	0	0	0	0	0	0	2	0	2
17:45-18:00	0	2	0	0	0	0	0	0	0	0	1	0	3
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	1	0	1

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	0	0	3	3
17:15-17:30	0	0	0	1	1
17:30-17:45	0	0	0	1	1
17:45-18:00	0	0	0	3	3

Peak Hour by Movement													
PHF	0	.97	0	.56	0	0	0	0	0	0	.97	.65	.967
% Trucks(all)	0	1.6	0	0	0	0	0	0	0	0	1.7	0	1.6
% Trucks(M+H)	0	.7	0	0	0	0	0	0	0	0	.4	0	.6
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	0	1460	0	26	0	0	0	0	0	0	1612	76	3174
16:15-17:15	0	1551	0	25	0	0	0	0	0	0	1599	76	3251
16:30-17:30	0	1585	0	21	0	0	0	0	0	0	1590	70	3266
16:45-17:45	0	1634	0	30	0	0	0	0	0	0	1564	66	3294
17:00-18:00	0	1641	0	27	0	0	0	0	0	0	1579	62	3309

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
GRIFFITH DRIVE AT BEAVERTON-HILLSDALE HIGHWAY

23983



DATE OF COUNT: 6/13/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

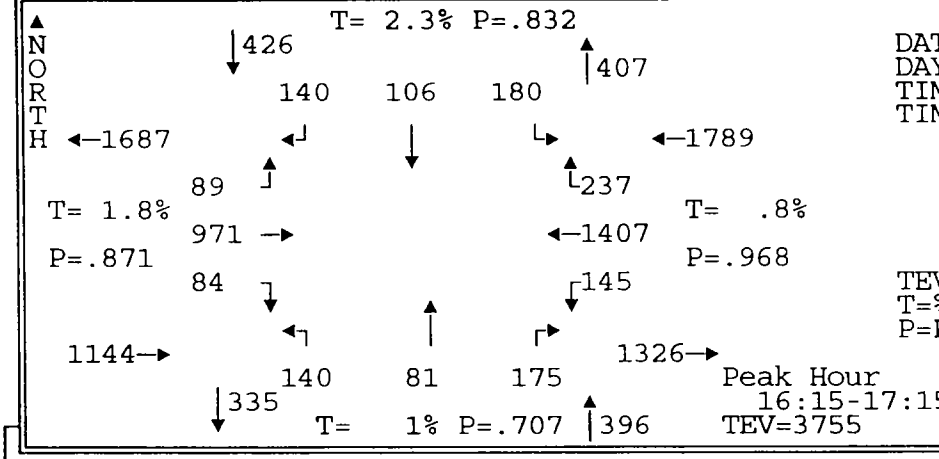
gtjz

Peak Hour
16:15-17:15
TEV=3755

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↙	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	2	61	11	5	4	15	9	5	14	16	110	15	267
16:05-16:10	13	89	10	14	16	7	15	5	9	9	86	17	290
16:10-16:15	8	83	14	15	5	18	17	3	12	10	87	14	286
16:15-16:20	7	78	5	7	15	13	8	6	15	18	125	28	325
16:20-16:25	6	81	6	11	10	14	15	7	5	25	95	17	292
16:25-16:30	9	75	6	23	13	22	6	2	16	11	123	20	326
16:30-16:35	4	72	7	12	7	12	12	7	11	10	118	18	290
16:35-16:40	6	66	8	15	5	9	12	5	26	13	122	19	306
16:40-16:45	7	83	10	7	5	16	12	11	8	10	126	23	318
16:45-16:50	12	87	6	11	5	17	4	5	14	13	126	19	319
16:50-16:55	4	72	6	11	10	16	8	9	5	12	128	11	292
16:55-17:00	12	74	7	15	10	13	10	7	10	10	108	26	302
17:00-17:05	5	90	9	9	8	18	16	4	15	6	123	17	320
17:05-17:10	3	100	11	10	7	13	22	12	29	7	122	19	355
17:10-17:15	9	93	8	9	11	17	15	6	21	10	91	20	310
17:15-17:20	5	93	10	13	12	19	10	7	19	11	81	19	299
17:20-17:25	9	88	11	9	8	16	7	5	16	9	97	10	285
17:25-17:30	8	68	4	9	7	8	12	9	16	14	127	24	306
17:30-17:35	7	72	10	12	13	11	6	8	9	9	109	16	282
17:35-17:40	4	106	6	15	6	15	8	7	21	16	85	12	301
17:40-17:45	7	73	3	15	10	15	15	7	13	9	132	27	326
17:45-17:50	11	95	9	13	4	21	6	9	5	13	130	17	333
17:50-17:55	9	79	6	13	7	13	6	4	8	9	116	17	287
17:55-18:00	5	83	5	15	3	16	9	1	8	8	122	19	294
Total Survey	172	1961	188	288	201	354	260	151	325	278	2689	444	7311
PHF	.75	.86	.79	.7	.7	.92	.66	.81	.67	.67	.93	.91	.953
% Trucks	0	1.7	0	1	.5	2	1.5	.7	.6	.4	1.6	.5	1.3
Stopped Buses	0	2	0	0	0	0	0	0	0	0	0	0	
Peds	0	14	0	0	36	0	0	38	0	0	14	0	
Hourly Totals													
16:00-17:00	90	921	96	146	105	172	128	72	145	157	1354	227	3613
16:15-17:15	84	971	89	140	106	180	140	81	175	145	1407	237	3755
16:30-17:30	84	986	97	130	95	174	140	87	190	125	1369	225	3702
16:45-17:45	85	1016	91	138	107	178	133	86	188	126	1329	220	3697
17:00-18:00	82	1040	92	142	96	182	132	79	180	121	1335	217	3698

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
GRIFFITH DRIVE AT BEAVERTON-HILLSDALE HIGHWAY



DATE OF COUNT: 6/13/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

gtjz

Peak Hour
16:15-17:15
TEV=3755

Traffic Smithy
(503)641-6333

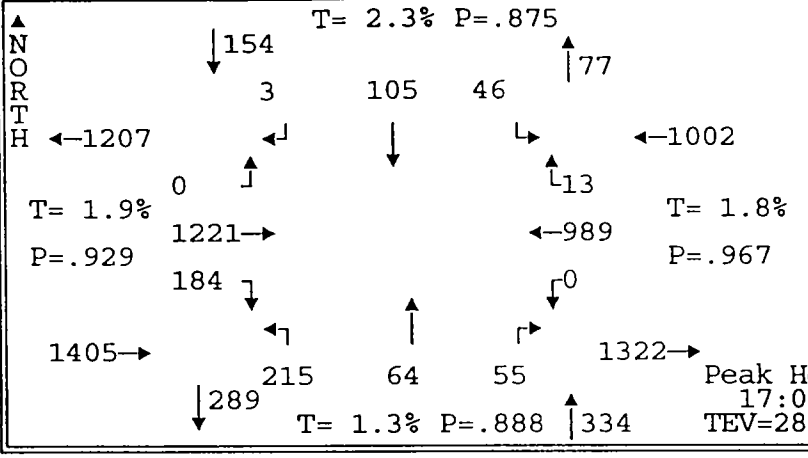
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
16:15-16:30	22	234	17	41	38	49	29	15	36	54	343	65	943
16:30-16:45	17	221	25	34	17	37	36	23	45	33	366	60	914
16:45-17:00	28	233	19	37	25	46	22	21	29	35	362	56	913
17:00-17:15	17	283	28	28	26	48	53	22	65	23	336	56	985
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
16:15-16:30	0	5	0	0	0	0	1	0	0	1	3	1	11
16:30-16:45	0	5	0	1	0	3	0	0	1	0	2	0	12
16:45-17:00	0	3	0	0	0	3	1	0	1	0	1	0	9
17:00-17:15	0	2	0	1	0	0	0	0	0	0	5	1	9
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
16:15-16:30	0	2	0	0	0	0	0	0	0	0	0	0	2
16:30-16:45	0	1	0	0	0	0	0	0	0	0	1	0	2
16:45-17:00	0	0	0	1	0	0	0	0	0	0	0	0	1
17:00-17:15	0	1	0	0	0	1	0	0	0	0	0	0	2
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
16:15-16:30	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30-16:45	0	1	0	0	0	0	0	0	0	0	0	0	1
16:45-17:00	0	1	0	0	0	0	0	0	0	0	0	0	1
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
16:15-16:30	0	0	0	0	1	0	0	0	1	0	1	0	3
16:30-16:45	0	0	0	0	0	0	0	0	0	0	1	0	1
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	0	0	0	0	0	0	1	0	0	0	0	1

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
16:15-16:30	0	8	6	3	17
16:30-16:45	2	5	0	0	7
16:45-17:00	3	2	6	2	13
17:00-17:15	3	5	6	0	14

Peak Hour by Movement													
PHF	.75	.86	.79	.85	.7	.92	.66	.88	.67	.67	.96	.91	.953
% Trucks(all)	0	2.2	0	2.1	0	3.9	1.4	0	1.1	.7	.9	.8	1.3
% Trucks(M+H)	0	.6	0	.7	0	.6	0	0	0	0	.1	0	.2
Stopped Buses	0	1	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	90	921	96	146	105	172	128	72	145	157	1354	227	3613
16:15-17:15	84	971	89	140	106	180	140	81	175	145	1407	237	3755
16:30-17:30	84	986	97	130	95	174	140	87	190	125	1369	225	3702
16:45-17:45	85	1016	91	138	107	178	133	86	188	126	1329	220	3697
17:00-18:00	82	1040	92	142	96	182	132	79	180	121	1335	217	3698

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CANYON ROAD AT 87TH AVENUE

23951



DATE OF COUNT: 6/8/00
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

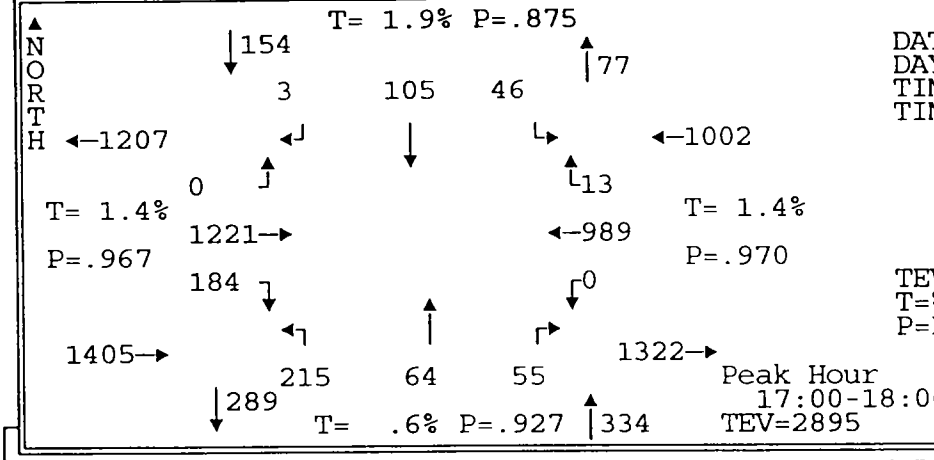
gmag

Peak Hour
17:00-18:00
TEV=2895

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	14	52	0	0	12	8	16	2	2	0	45	0	151
16:05-16:10	12	67	0	2	6	5	21	4	6	0	68	1	192
16:10-16:15	12	84	0	2	11	1	15	7	6	0	73	0	211
16:15-16:20	18	79	0	0	4	5	13	3	1	0	66	4	193
16:20-16:25	14	99	0	0	11	4	17	5	0	0	69	1	220
16:25-16:30	13	72	0	0	5	1	13	7	5	0	77	1	194
16:30-16:35	14	74	0	0	13	3	18	4	6	0	76	0	208
16:35-16:40	14	88	0	1	9	0	18	6	4	0	71	1	212
16:40-16:45	13	105	0	1	5	4	13	9	5	0	76	1	232
16:45-16:50	14	92	0	0	8	3	13	5	2	0	83	0	220
16:50-16:55	14	108	0	0	8	1	11	10	9	0	78	2	241
16:55-17:00	19	83	0	0	10	4	12	4	6	0	74	2	214
17:00-17:05	10	76	0	0	9	5	20	6	9	0	91	1	227
17:05-17:10	18	119	0	0	5	4	14	5	4	0	69	2	240
17:10-17:15	6	123	0	0	16	5	18	3	6	0	83	0	260
17:15-17:20	9	96	0	0	5	2	25	7	8	0	96	1	249
17:20-17:25	19	112	0	0	7	2	18	7	2	0	79	0	246
17:25-17:30	14	113	0	1	9	5	16	4	3	0	81	1	247
17:30-17:35	17	100	0	0	12	5	13	7	7	0	83	3	247
17:35-17:40	16	118	0	0	11	1	20	5	4	0	81	0	256
17:40-17:45	20	92	0	1	6	3	15	3	1	0	71	2	214
17:45-17:50	22	101	0	1	6	3	20	3	5	0	89	0	250
17:50-17:55	19	69	0	0	11	4	17	8	4	0	92	0	224
17:55-18:00	14	102	0	0	8	7	19	6	2	0	74	3	235
Total Survey	355	2224	0	9	207	85	395	130	107	0	1845	26	5383
PHF	.75	.9	0	.38	.82	.82	.88	.89	.72	0	.96	.65	.958
% Trucks	1.7	1.9	0	11.1	2.4	1.2	.5	3.1	1.9	0	1.8	0	1.8
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	2	0	0	0	0	0	6	0	0	8	0	
Hourly Totals													
16:00-17:00	171	1003	0	6	102	39	180	66	52	0	856	13	2488
16:15-17:15	167	1118	0	2	103	39	180	67	57	0	913	15	2661
16:30-17:30	164	1189	0	3	104	38	196	70	64	0	957	11	2796
16:45-17:45	176	1232	0	2	106	40	195	66	61	0	969	14	2861
17:00-18:00	184	1221	0	3	105	46	215	64	55	0	989	13	2895

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
CANYON ROAD AT 87TH AVENUE



DATE OF COUNT: 6/8/00
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

gmag

Traffic Smithy
(503)641-6333

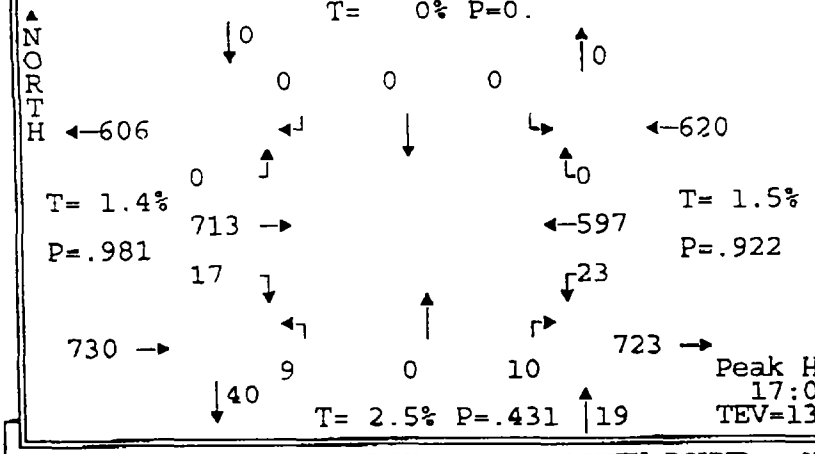
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↙	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↰	ALL
ALL VEHICLES													
17:00-17:15	34	318	0	0	30	14	52	14	19	0	243	3	727
17:15-17:30	42	321	0	1	21	9	59	18	13	0	256	2	742
17:30-17:45	53	310	0	1	29	9	48	15	12	0	235	5	717
17:45-18:00	55	272	0	1	25	14	56	17	11	0	255	3	709
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	1	4	0	0	0	0	0	1	0	0	2	0	8
17:15-17:30	0	6	0	0	1	0	0	1	0	0	4	0	12
17:30-17:45	0	3	0	0	1	0	0	0	0	0	1	0	5
17:45-18:00	2	1	0	0	1	0	0	0	0	0	6	0	10
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	1	0	1
17:15-17:30	0	1	0	0	0	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	1	0	0	0	0	0	0	0	0	0	0	1
17:15-17:30	0	1	0	0	0	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	1	0	0	0	0	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	1	0	1

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
17:00-17:15	0	0	0	3	3
17:15-17:30	0	0	3	1	4
17:30-17:45	0	0	0	1	1
17:45-18:00	0	0	0	2	2

Peak Hour by Movement													
PHF	.84	.95	0	.75	.88	.82	.91	.89	.72	0	.97	.65	.975
% Trucks(all)	1.6	1.4	0	0	2.9	0	0	3.1	0	0	1.4	0	1.3
% Trucks(M+H)	0	.2	0	0	0	0	0	0	0	0	.1	0	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	171	1003	0	6	102	39	180	66	52	0	856	13	2488
16:15-17:15	167	1118	0	2	103	39	180	67	57	0	913	15	2661
16:30-17:30	164	1189	0	3	104	38	196	70	64	0	957	11	2796
16:45-17:45	176	1232	0	2	106	40	195	66	61	0	969	14	2861
17:00-18:00	184	1221	0	3	105	46	215	64	55	0	989	13	2895

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
GARDEN HOME ROAD AT 88TH AVENUE

24785



DATE OF COUNT: 09/13/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

ERNJ

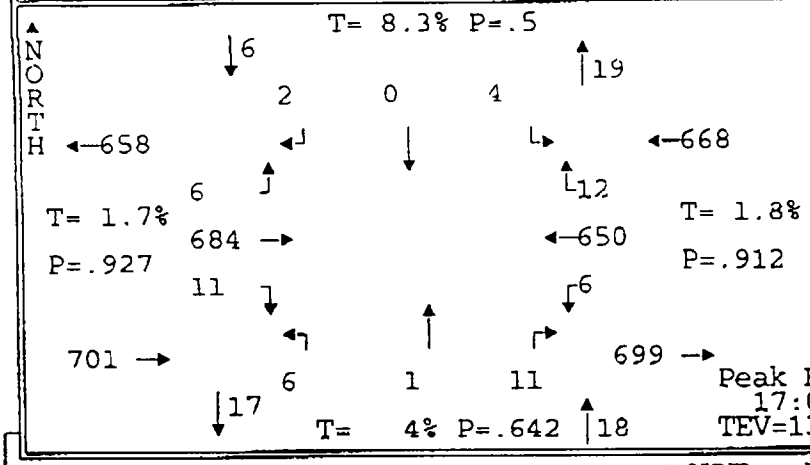
Peak Hour
17:00-18:00
TEV=1369

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	SOUTH BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	1	47	0	0	0	0	0	0	0	0	37	0	85
16:05-16:10	0	33	0	0	0	0	1	0	0	1	23	0	58
16:10-16:15	3	47	0	0	0	0	4	0	0	0	32	0	86
16:15-16:20	0	47	0	0	0	0	1	0	2	0	42	0	92
16:20-16:25	0	37	0	0	0	0	0	0	2	0	45	0	84
16:25-16:30	1	51	0	0	0	0	0	0	1	1	46	0	100
16:30-16:35	1	36	0	0	0	0	1	0	1	0	44	0	83
16:35-16:40	2	51	0	0	0	0	0	0	1	1	37	0	92
16:40-16:45	2	51	0	0	0	0	1	0	1	2	53	0	110
16:45-16:50	1	57	0	0	0	0	1	0	1	0	47	0	107
16:50-16:55	1	51	0	0	0	0	1	0	1	3	39	0	96
16:55-17:00	3	64	0	0	0	0	1	0	0	1	51	0	120
17:00-17:05	4	64	0	0	0	0	1	0	0	0	62	0	131
17:05-17:10	0	58	0	0	0	0	1	0	1	0	48	0	108
17:10-17:15	3	52	0	0	0	0	0	0	0	1	50	0	106
17:15-17:20	1	59	0	0	0	0	1	0	0	4	43	0	108
17:20-17:25	3	57	0	0	0	0	0	0	1	1	58	0	120
17:25-17:30	2	55	0	0	0	0	1	0	0	3	32	0	93
17:30-17:35	1	68	0	0	0	0	1	0	3	4	54	0	131
17:35-17:40	1	57	0	0	0	0	2	0	2	3	47	0	112
17:40-17:45	0	59	0	0	0	0	1	0	2	0	60	0	122
17:45-17:50	0	52	0	0	0	0	0	0	0	5	50	0	107
17:50-17:55	1	61	0	0	0	0	1	0	0	0	47	0	110
17:55-18:00	1	71	0	0	0	0	0	0	1	2	46	0	121
Total Survey	32	1285	0	0	0	0	20	0	20	32	1093	0	2482
PHF	.61	.97	0	0	0	0	.56	0	.36	.57	.93	0	.937
% Trucks	0	1.4	0	0	0	0	0	0	5	3.1	1.5	0	1.5
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	15	572	0	0	0	0	11	0	10	9	496	0	1113
16:15-17:15	18	619	0	0	0	0	8	0	11	9	564	0	1229
16:30-17:30	23	655	0	0	0	0	9	0	7	16	564	0	1274
16:45-17:45	20	701	0	0	0	0	11	0	11	20	591	0	1354
17:00-18:00	17	713	0	0	0	0	9	0	10	23	597	0	1369

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
GARDEN HOME ROAD AT 84TH AVENUE

24784



DATE OF COUNT: 09/13/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

Peak Hour
17:00-18:00
TEV=1393

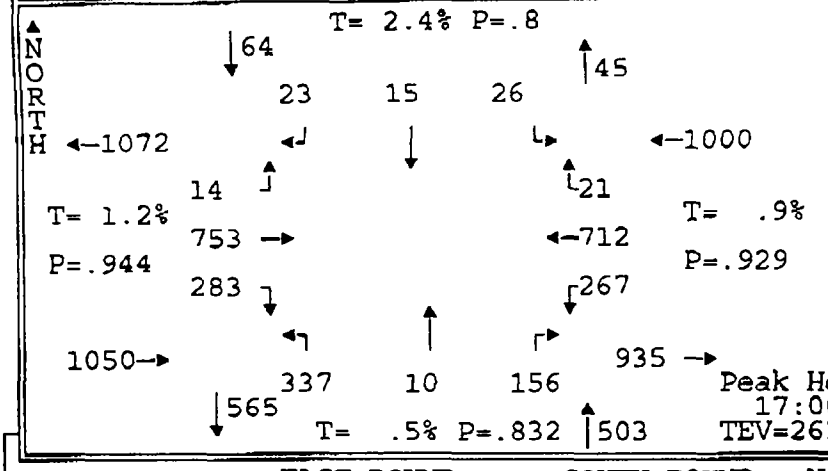
TBFE

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↴	WEST BOUND ←	WEST BOUND ↰	ALL
16:00-16:05	1	32	0	1	0	0	0	0	1	1	33	0	69
16:05-16:10	0	35	1	0	0	0	0	0	2	0	30	0	68
16:10-16:15	1	51	0	0	1	0	0	0	0	1	32	0	86
16:15-16:20	0	46	1	0	0	0	0	0	0	0	45	0	92
16:20-16:25	0	41	0	0	0	0	0	0	0	0	43	0	84
16:25-16:30	0	49	0	1	1	0	0	0	0	1	37	0	89
16:30-16:35	0	40	0	0	0	0	0	0	2	4	48	0	94
16:35-16:40	0	43	0	0	0	1	1	0	0	0	44	1	90
16:40-16:45	0	50	0	0	0	0	0	0	0	1	52	2	105
16:45-16:50	0	53	0	0	0	0	0	0	0	1	47	1	102
16:50-16:55	2	44	0	0	0	0	0	0	0	1	47	0	94
16:55-17:00	2	65	0	1	0	0	0	0	1	1	40	0	110
17:00-17:05	2	61	0	1	0	1	2	0	2	1	67	2	139
17:05-17:10	1	48	1	0	0	0	1	0	0	1	52	0	104
17:10-17:15	1	58	2	0	0	0	0	0	2	2	57	0	122
17:15-17:20	1	45	0	1	0	0	1	0	0	0	51	1	100
17:20-17:25	1	59	0	0	0	0	1	1	0	0	50	1	113
17:25-17:30	1	69	0	0	0	0	0	0	1	0	46	0	117
17:30-17:35	0	59	0	0	0	1	0	0	2	1	56	2	121
17:35-17:40	0	59	1	0	0	1	0	0	0	0	62	0	123
17:40-17:45	2	67	0	0	0	1	0	0	1	0	55	2	128
17:45-17:50	1	50	0	0	0	0	1	0	2	0	64	0	118
17:50-17:55	1	48	0	0	0	0	0	0	0	0	44	1	94
17:55-18:00	0	61	2	0	0	0	0	0	1	1	46	3	114
Total Survey	17	1233	8	5	2	5	7	1	17	17	1148	16	2476
PHF	.69	.91	.5	.5	0	.33	.5	.25	.69	.38	.9	.75	.936
% Trucks	5.9	1.6	0	20	0	0	0	0	5.9	0	1.8	0	1.8
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	1	0	0	0	0	0	2	0	0	4	0	
Hourly Totals													
16:00-17:00	6	549	2	3	2	1	1	0	6	11	498	4	1083
16:15-17:15	8	598	4	3	1	2	4	0	7	13	579	6	1225
16:30-17:30	11	635	3	3	0	2	6	1	8	12	601	8	1290
16:45-17:45	13	687	4	3	0	4	5	1	9	8	630	9	1373
17:00-18:00	11	684	6	2	0	4	6	1	11	6	650	12	1393

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CORNELL ROAD AT 173RD AVENUE

24668



DATE OF COUNT: 08/23/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

ERNC

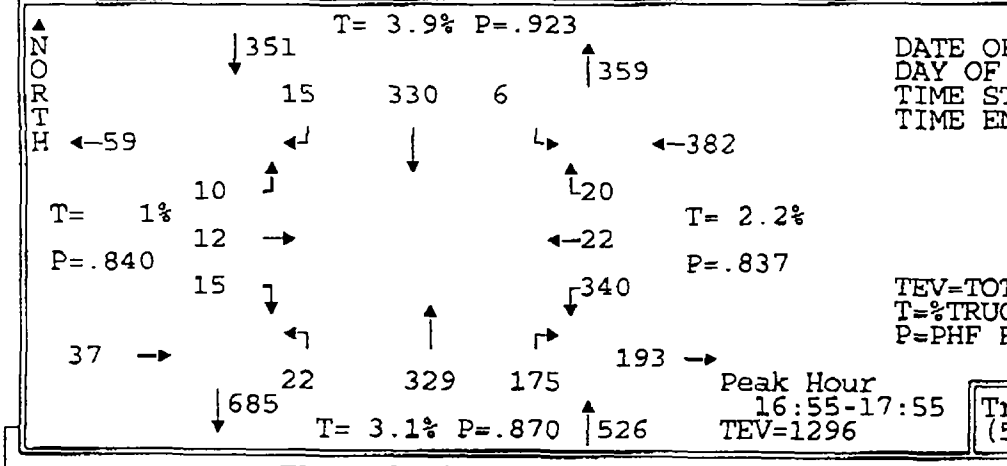
Peak Hour
17:00-18:00
TEV=2617

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	12	49	1	2	0	1	17	1	5	16	47	2	153
16:05-16:10	17	48	2	1	1	4	22	0	2	10	54	0	161
16:10-16:15	21	51	1	2	1	2	17	1	9	5	55	4	169
16:15-16:20	13	47	1	2	4	4	17	0	12	15	49	2	166
16:20-16:25	20	45	2	1	1	1	19	0	9	13	61	0	172
16:25-16:30	19	43	1	4	2	1	25	0	10	6	65	2	178
16:30-16:35	17	44	0	4	2	1	21	1	10	14	39	1	154
16:35-16:40	14	46	0	2	3	1	13	0	7	10	48	3	147
16:40-16:45	16	68	2	2	0	4	21	0	11	18	53	0	195
16:45-16:50	17	48	1	0	0	2	21	0	14	15	57	0	175
16:50-16:55	14	78	0	0	1	0	19	0	8	9	48	1	178
16:55-17:00	18	51	1	0	3	1	14	2	11	16	48	0	165
17:00-17:05	17	59	1	1	4	3	22	1	9	12	59	1	189
17:05-17:10	23	61	0	1	1	2	31	2	10	22	62	1	216
17:10-17:15	19	73	1	0	0	1	41	1	13	24	52	2	227
17:15-17:20	22	77	1	2	0	2	18	1	8	18	63	1	213
17:20-17:25	28	55	2	4	0	2	29	0	14	24	52	2	212
17:25-17:30	23	61	1	3	0	4	19	1	11	24	66	0	213
17:30-17:35	14	73	0	2	2	2	27	2	12	16	69	2	221
17:35-17:40	22	67	3	2	2	0	29	0	11	25	53	1	215
17:40-17:45	25	51	1	3	2	2	34	1	17	24	55	3	218
17:45-17:50	29	61	1	2	1	2	33	0	18	26	60	2	235
17:50-17:55	26	52	1	3	1	4	28	1	19	28	69	2	234
17:55-18:00	35	63	2	0	2	2	26	0	14	24	52	4	224
Total Survey	481	1371	26	43	33	48	563	15	264	414	1336	36	4630
PHF	.79	.89	.7	.64	.63	.81	.88	.63	.72	.86	.95	.66	.944
% Trucks	.2	1.5	0	0	3	4.2	.2	13.3	.4	.2	1.1	0	1
Stopped Buses	0	2	0	0	0	0	0	0	0	0	1	0	
Peds	0	6	0	0	1	0	0	1	0	0	2	0	
Hourly Totals													
16:00-17:00	198	618	12	20	18	22	226	5	108	147	624	15	2013
16:15-17:15	207	663	10	17	21	21	264	7	124	174	641	13	2162
16:30-17:30	228	721	10	19	14	23	269	9	126	206	647	12	2284
16:45-17:45	242	754	12	18	15	21	304	11	138	229	684	14	2442
17:00-18:00	283	753	14	23	15	26	337	10	156	267	712	21	2617

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
170TH AVENUE AT MERLO ROAD

23373



DATE OF COUNT: 04/13/00
DAY OF WEEK: THUR
TIME STARTED: 15:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

DLXE

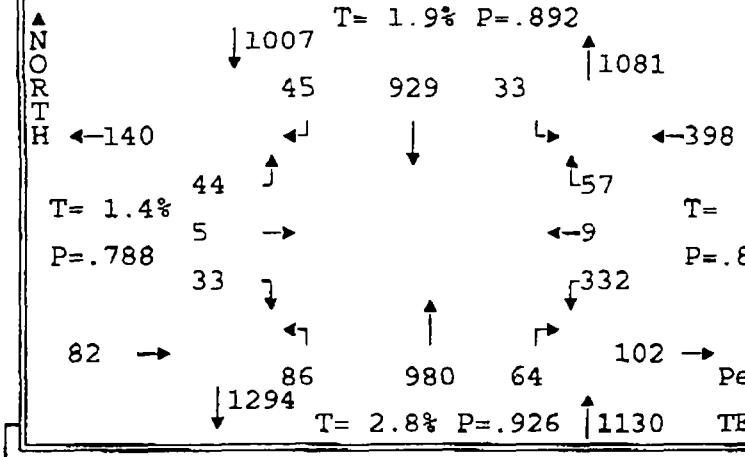
Peak Hour
16:55-17:55
TEV=1296

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
15:00-15:05	4	2	2	0	16	1	1	19	9	28	4	4	90
15:05-15:10	0	2	0	3	13	1	4	20	16	23	1	2	85
15:10-15:15	1	0	1	0	18	3	0	28	15	22	2	2	92
15:15-15:20	2	1	1	0	13	0	1	27	17	24	0	3	89
15:20-15:25	4	1	2	1	12	2	5	18	14	11	0	0	70
15:25-15:30	1	0	0	1	22	1	0	20	22	18	1	3	89
15:30-15:35	0	0	0	4	23	1	2	21	14	18	1	0	84
15:35-15:40	0	0	1	0	17	0	2	20	16	21	1	4	82
15:40-15:45	2	0	1	2	18	2	0	14	12	36	0	2	89
15:45-15:50	0	0	0	0	24	2	1	14	12	21	0	2	76
15:50-15:55	0	1	1	1	17	1	0	15	9	20	1	1	67
15:55-16:00	2	0	0	1	25	1	1	19	16	22	0	0	87
16:00-16:05	0	1	0	1	22	1	2	13	11	22	1	0	74
16:05-16:10	1	0	1	2	26	2	1	19	11	23	2	3	91
16:10-16:15	1	2	0	2	15	1	2	25	15	30	1	0	94
16:15-16:20	2	0	0	4	30	1	2	31	15	21	0	1	107
16:20-16:25	0	0	1	0	17	2	2	23	13	31	1	0	90
16:25-16:30	1	1	0	2	30	0	3	24	14	22	4	1	102
16:30-16:35	2	3	0	3	17	2	0	19	8	30	1	9	94
16:35-16:40	1	0	1	0	30	1	2	30	17	35	4	1	122
16:40-16:45	2	1	0	1	20	1	2	22	9	28	2	4	92
16:45-16:50	2	2	0	3	20	1	3	20	14	19	1	3	88
16:50-16:55	1	3	0	2	17	3	0	28	12	29	1	2	98
16:55-17:00	2	1	1	2	20	1	2	20	14	26	1	2	92
17:00-17:05	1	0	1	0	30	0	0	27	14	35	2	2	111
17:05-17:10	3	1	1	1	33	1	2	27	8	38	0	0	115
17:10-17:15	1	0	1	0	29	1	1	29	10	32	2	3	108
17:15-17:20	1	1	1	1	26	0	3	16	10	29	1	4	93
17:20-17:25	0	0	2	2	31	1	1	39	16	23	2	1	118
17:25-17:30	2	2	0	0	32	0	1	29	11	29	1	2	109
17:30-17:35	2	2	0	3	24	0	3	30	20	39	4	2	129
17:35-17:40	1	0	2	1	31	0	4	25	13	24	0	0	101
17:40-17:45	0	0	1	0	21	1	1	33	15	26	5	1	104
17:45-17:50	0	3	1	3	33	1	3	25	25	14	2	1	111
17:50-17:55	2	2	1	2	20	0	1	29	19	25	2	2	105
17:55-18:00	3	2	1	2	21	1	1	26	16	15	2	1	91
Total Survey	47	34	23	50	813	37	59	844	502	909	53	68	3439
PHF	.63	.6	.63	.75	.9	.75	.69	.84	.74	.81	.61	.63	.910
% Trucks	2.1	0	0	2	3.9	5.4	0	3.3	3.2	2.2	1.9	2.9	3
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	2	0	0	20	0	0	3	0	0	12	0	
Hourly Totals													
15:00-16:00	16	7	9	13	218	15	17	235	172	264	11	23	1000
15:15-16:15	13	6	7	15	234	14	17	225	169	266	8	18	992
15:30-16:30	9	5	5	19	264	14	18	238	158	287	12	14	1043
15:45-16:45	12	9	4	17	273	15	18	254	150	305	17	22	1096
16:00-17:00	15	14	4	22	264	16	21	274	153	316	19	26	1144
16:15-17:15	18	12	4	18	293	14	19	300	148	346	19	28	1219
16:30-17:30	18	14	6	15	305	12	17	306	143	353	18	33	1240
16:45-17:45	16	12	8	15	314	9	21	323	157	349	20	22	1266
17:00-18:00	16	13	10	15	331	6	21	335	177	329	23	19	1295

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
BLUERIDGE DRIVE AT 158TH AVENUE

22809



DATE OF COUNT: 02/29/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

ERJG

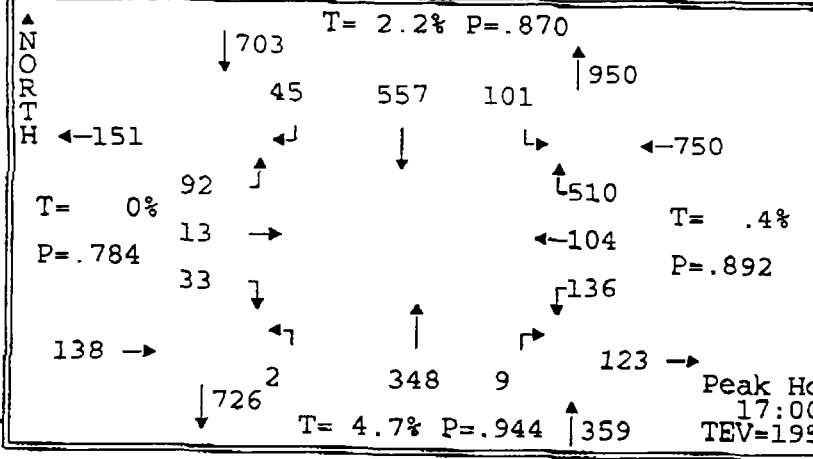
Peak Hour
17:00-18:00
TEV=2617

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	1	0	4	1	65	3	7	62	10	14	1	3	171
16:05-16:10	1	0	3	3	44	2	3	83	9	13	1	6	168
16:10-16:15	5	1	0	0	82	1	8	58	8	9	0	2	174
16:15-16:20	1	1	4	4	55	2	5	63	2	19	0	4	160
16:20-16:25	0	0	6	3	65	2	4	60	8	34	0	0	182
16:25-16:30	3	0	5	3	85	1	5	66	6	36	0	3	213
16:30-16:35	7	1	1	0	77	4	3	56	5	12	0	4	170
16:35-16:40	2	0	1	1	60	1	4	76	6	13	0	1	165
16:40-16:45	2	0	0	4	74	0	7	81	2	18	0	1	189
16:45-16:50	6	0	1	10	72	3	4	75	6	14	0	2	193
16:50-16:55	3	0	0	1	68	4	9	62	1	14	0	4	166
16:55-17:00	3	0	2	4	61	5	3	75	7	10	0	1	171
17:00-17:05	4	0	4	5	66	5	6	59	10	21	0	1	181
17:05-17:10	3	1	2	5	83	2	6	83	7	36	1	6	235
17:10-17:15	3	0	1	4	96	3	7	92	3	35	1	2	247
17:15-17:20	0	1	5	4	83	2	7	70	3	32	3	4	214
17:20-17:25	2	0	4	3	78	4	8	86	4	28	0	10	227
17:25-17:30	6	0	6	5	74	0	3	88	8	40	1	5	236
17:30-17:35	4	0	4	3	94	1	6	83	4	18	1	9	227
17:35-17:40	2	0	4	3	57	3	8	77	3	29	0	3	189
17:40-17:45	2	3	3	3	67	4	5	86	6	21	0	5	205
17:45-17:50	3	0	4	3	74	3	14	97	5	28	1	7	239
17:50-17:55	1	0	5	3	62	2	10	77	5	21	1	4	191
17:55-18:00	3	0	2	4	95	4	6	82	6	23	0	1	226
Total Survey	67	8	71	79	1737	61	148	1797	134	538	11	88	4739
PHF	.69	.42	.73	.8	.89	.82	.72	.94	.8	.81	.45	.59	.940
% Trucks	1.5	0	1.4	2.5	1.8	3.3	0	2.9	4.5	.2	0	0	2
Stopped Buses	0	0	0	0	0	0	0	2	0	0	0	0	
Peds	0	8	0	0	10	0	0	1	0	0	2	0	
Hourly Totals													
16:00-17:00	34	3	27	34	808	28	62	817	70	206	2	31	2122
16:15-17:15	37	3	27	44	862	32	63	848	63	262	2	29	2272
16:30-17:30	41	3	27	46	892	33	67	903	62	273	6	41	2394
16:45-17:45	38	5	36	50	899	36	72	936	62	298	7	52	2491
17:00-18:00	33	5	44	45	929	33	86	980	64	332	9	57	2617

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
158TH AVENUE AT JAY STREET

23273



DATE OF COUNT: 04/05/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

Peak Hour
17:00-18:00
TEV=1950

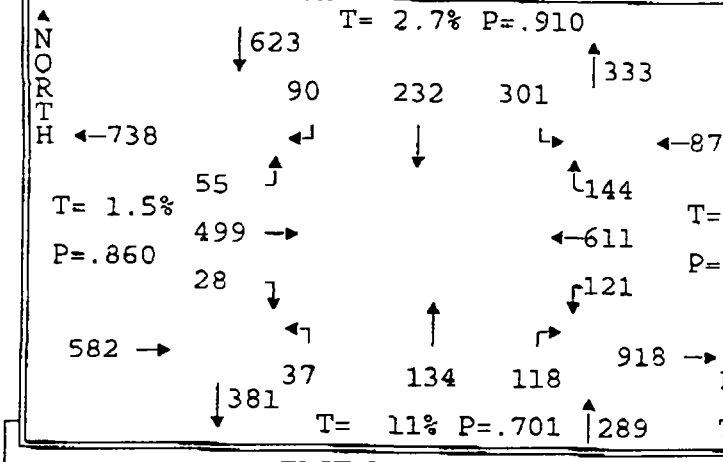
ERKA

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	1	1	11	1	44	8	2	35	0	2	1	19	125
16:05-16:10	5	1	8	5	44	5	1	39	1	3	3	18	133
16:10-16:15	2	1	5	3	40	5	0	37	2	5	4	16	120
16:15-16:20	3	1	9	5	40	4	0	26	0	3	5	16	112
16:20-16:25	2	1	14	4	55	13	1	25	0	7	2	14	138
16:25-16:30	5	2	7	3	55	4	0	28	2	5	4	22	137
16:30-16:35	3	0	5	7	37	3	0	31	3	4	2	26	121
16:35-16:40	0	1	10	3	28	8	0	41	0	6	3	19	119
16:40-16:45	2	3	9	3	42	9	0	31	0	9	4	32	144
16:45-16:50	5	5	6	2	45	7	2	29	2	5	1	24	133
16:50-16:55	4	0	8	2	52	8	0	36	1	5	3	30	149
16:55-17:00	2	1	11	4	35	10	0	22	2	5	2	21	115
17:00-17:05	2	1	4	5	45	9	0	31	1	8	4	35	145
17:05-17:10	5	2	12	2	28	9	0	29	1	11	6	42	147
17:10-17:15	3	2	9	6	44	1	0	25	1	12	12	46	161
17:15-17:20	2	0	9	5	58	10	0	21	0	13	13	51	182
17:20-17:25	2	0	5	4	53	6	0	36	1	13	7	43	170
17:25-17:30	2	0	8	4	35	8	0	33	0	12	11	42	155
17:30-17:35	2	1	6	7	53	8	0	24	1	11	9	53	175
17:35-17:40	4	0	8	5	58	7	0	34	1	17	10	41	185
17:40-17:45	5	2	4	0	50	14	0	31	0	13	8	38	165
17:45-17:50	2	1	8	0	49	11	1	24	1	10	12	45	164
17:50-17:55	1	2	13	2	47	8	0	36	2	13	8	37	169
17:55-18:00	3	2	6	5	37	10	1	24	0	3	4	37	132
Total Survey	67	30	195	87	1074	185	8	728	22	195	138	767	3496
PHF	.75	.65	.77	.7	.86	.77	.25	.94	.75	.83	.81	.91	.928
% Trucks	0	0	0	0	2.7	0	0	4.9	0	1	0	.3	2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	2	0	0	9	0	0	17	0	0	0	0	
Hourly Totals													
16:00-17:00	34	17	103	42	517	84	6	380	13	59	34	257	1546
16:15-17:15	36	19	104	46	506	85	3	354	13	80	48	327	1621
16:30-17:30	32	15	96	47	502	88	2	365	12	103	68	411	1741
16:45-17:45	38	14	90	46	556	97	2	351	11	125	86	466	1882
17:00-18:00	33	13	92	45	557	101	2	348	9	136	104	510	1950

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
158TH AVENUE AT JENKINS ROAD

3370



DATE OF COUNT: 04/13/00
DAY OF WEEK: Thu
TIME STARTED: 15:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

ERKH

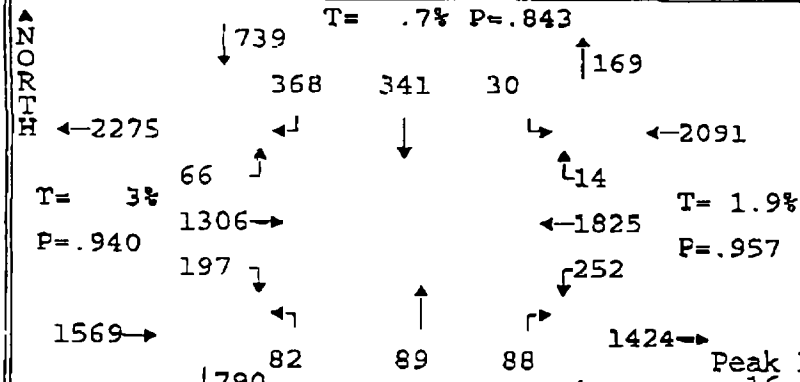
Peak Hour
17:00-18:00
TEV=2370

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↴	WEST BOUND ←	WEST BOUND ↥	ALL
15:00-15:05	2	49	8	1	23	9	3	19	10	7	37	9	177
15:05-15:10	2	26	3	4	22	24	3	7	13	15	31	6	156
15:10-15:15	0	40	5	6	8	18	1	10	7	10	52	5	162
15:15-15:20	2	27	4	6	22	18	2	17	11	9	35	9	162
15:20-15:25	3	42	3	1	7	14	2	14	12	7	49	14	168
15:25-15:30	4	37	4	2	14	15	4	11	6	12	43	11	163
15:30-15:35	2	48	3	3	11	21	3	9	11	6	36	19	172
15:35-15:40	4	33	13	2	6	8	2	15	8	9	41	20	161
15:40-15:45	5	37	6	3	24	17	4	7	19	9	45	14	190
15:45-15:50	2	28	1	5	23	25	2	14	3	17	49	14	183
15:50-15:55	2	44	7	3	12	17	1	14	8	6	52	10	176
15:55-16:00	5	35	5	0	10	19	2	9	9	6	45	6	151
16:00-16:05	2	29	2	4	22	20	2	15	4	2	53	10	165
16:05-16:10	2	46	11	4	12	18	3	10	12	9	50	6	183
16:10-16:15	1	34	7	4	15	30	5	11	9	10	42	10	178
16:15-16:20	0	47	1	4	23	30	3	6	4	5	60	12	195
16:20-16:25	1	24	4	4	23	18	4	21	7	8	49	10	173
16:25-16:30	0	25	5	4	28	29	4	17	4	17	44	7	184
16:30-16:35	3	43	8	6	13	32	4	7	5	4	45	15	185
16:35-16:40	3	35	6	0	20	10	2	11	21	6	47	14	175
16:40-16:45	2	22	3	5	26	33	6	22	6	6	36	8	175
16:45-16:50	2	39	12	4	18	24	4	7	9	11	53	10	193
16:50-16:55	4	34	7	5	14	24	2	13	6	10	51	14	184
16:55-17:00	3	45	6	2	11	19	0	16	11	9	57	8	187
17:00-17:05	2	24	5	1	18	26	1	7	6	12	57	7	166
17:05-17:10	4	35	4	6	21	21	7	15	7	13	47	8	188
17:10-17:15	1	39	4	11	30	31	2	9	10	12	47	11	207
17:15-17:20	4	53	1	4	14	21	0	7	9	4	61	14	192
17:20-17:25	2	43	6	11	27	22	3	3	17	8	44	13	199
17:25-17:30	1	41	13	9	20	30	3	8	8	12	38	10	193
17:30-17:35	4	56	3	6	18	24	2	9	5	10	56	15	208
17:35-17:40	2	36	5	9	17	28	0	11	14	13	44	10	189
17:40-17:45	1	40	4	16	19	24	3	12	8	5	55	15	202
17:45-17:50	4	44	2	8	13	22	3	20	16	11	55	9	207
17:50-17:55	2	48	7	5	15	30	9	11	9	10	56	9	211
17:55-18:00	1	40	1	4	20	22	4	22	9	11	51	23	208
Total Survey	84	1368	189	172	639	793	105	436	333	331	1713	405	6568
PHF	.78	.89	.63	.68	.82	.92	.58	.63	.78	.82	.92	.88	.946
% Trucks	3.6	1.2	2.1	.6	4.2	1.9	0	14.7	9.6	14.5	1.1	1.5	3.6
Stopped Buses	0	0	0	0	1	0	0	1	0	0	0	0	
Peds	0	1	0	0	8	0	0	15	0	0	1	0	
Hourly Totals													
15:00-16:00	33	446	62	36	182	205	29	146	117	113	515	137	2021
15:15-16:15	34	440	66	37	178	222	32	146	112	102	540	143	2052
15:30-16:30	26	430	65	40	209	252	35	148	98	104	566	138	2111
15:45-16:45	23	412	60	43	227	281	38	157	92	96	572	122	2123
16:00-17:00	23	423	72	46	225	287	39	156	98	97	587	124	2177
16:15-17:15	25	412	65	52	245	297	39	151	96	113	593	124	2212
16:30-17:30	31	453	75	64	232	293	34	125	115	107	583	132	2244
16:45-17:45	30	485	70	84	227	294	27	117	110	119	610	135	2308
17:00-18:00	28	499	55	90	232	301	37	134	118	121	611	144	2370

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
TV HIGHWAY AT 160TH AVENUE/MILLIKAN BOULEVARD

25480



DATE OF COUNT: 11/16/00
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

DLBS

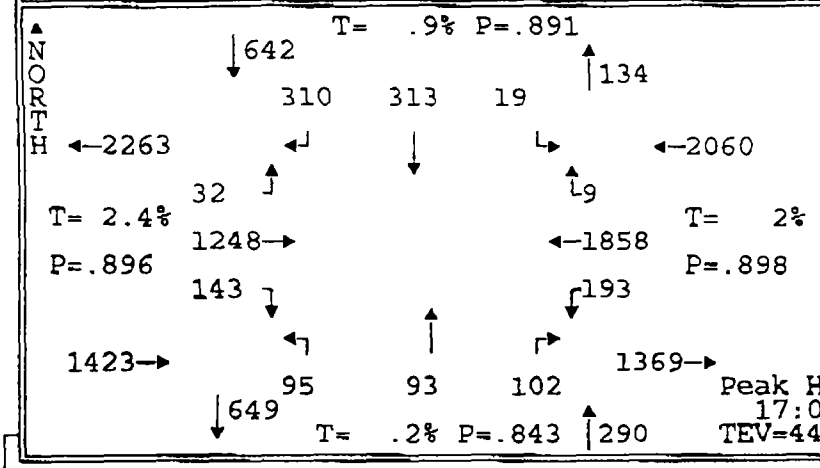
Peak Hour
16:55-17:55
TEV=4658

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	14	135	7	18	18	1	12	7	6	8	161	4	391
16:05-16:10	9	123	3	32	25	2	4	7	2	18	164	0	389
16:10-16:15	11	105	3	11	18	4	7	12	6	16	118	2	313
16:15-16:20	17	108	7	35	26	2	4	8	1	8	188	2	406
16:20-16:25	17	100	2	17	17	2	7	14	10	16	131	3	336
16:25-16:30	7	124	2	26	27	1	9	2	3	11	170	0	382
16:30-16:35	19	118	1	29	22	6	8	14	4	18	121	1	361
16:35-16:40	8	92	5	39	30	2	9	7	7	10	179	2	390
16:40-16:45	17	154	0	24	19	0	11	8	3	10	148	1	395
16:45-16:50	13	122	6	26	24	3	3	4	9	17	171	1	399
16:50-16:55	18	141	9	9	21	2	8	14	3	9	89	2	325
16:55-17:00	12	83	3	28	31	4	5	9	5	31	179	1	391
17:00-17:05	17	134	3	20	18	0	4	5	5	18	149	1	374
17:05-17:10	10	90	6	49	40	5	8	6	2	19	147	1	383
17:10-17:15	13	135	7	37	25	3	5	3	5	17	171	2	423
17:15-17:20	12	109	2	37	21	2	5	11	9	23	153	1	385
17:20-17:25	13	118	8	31	24	3	4	9	9	14	151	1	385
17:25-17:30	23	118	1	27	23	3	9	3	6	28	155	0	396
17:30-17:35	18	91	12	23	41	1	9	9	16	17	128	1	366
17:35-17:40	22	125	4	41	20	1	11	9	8	27	143	0	411
17:40-17:45	15	70	12	38	43	1	10	9	5	18	166	3	390
17:45-17:50	24	139	2	18	27	3	5	8	9	16	152	1	404
17:50-17:55	18	94	6	19	28	4	7	8	9	24	131	2	350
17:55-18:00	13	90	1	25	28	0	7	10	4	17	152	1	348
Total Survey	360	2718	112	659	616	55	171	196	146	410	3617	33	9093
PHF	.78	.9	.59	.75	.82	.75	.68	.82	.71	.88	.96	.58	.966
% Trucks	3.9	2.9	.9	.6	.6	1.8	.6	.5	1.4	1.5	2	0	2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	162	1405	48	294	278	29	87	106	59	172	1819	19	4478
16:15-17:15	168	1401	51	339	300	30	81	94	57	184	1843	17	4565
16:30-17:30	175	1414	51	356	298	33	79	93	67	214	1813	14	4607
16:45-17:45	186	1336	73	366	331	28	81	91	82	238	1802	14	4628
17:00-18:00	198	1313	64	365	338	26	84	90	87	238	1798	14	4615

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
TUALATIN VALLEY HIGHWAY AT MILIKAN WAY / 160TH AVENUE

12978



DATE OF COUNT: 04/09/97
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

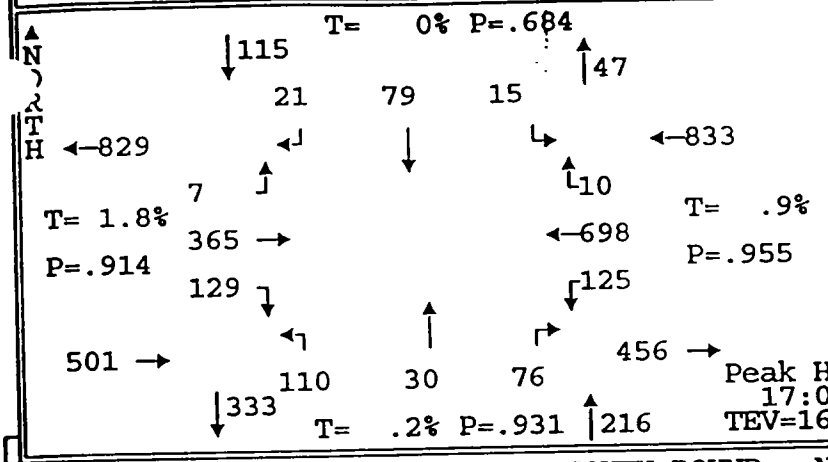
Peak Hour
17:00-18:00
TEV=4415

Traffic Smithy
Traffic Survey Service

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	4	121	3	19	11	2	6	6	9	5	93	1	280
16:05-16:10	8	98	1	17	13	3	7	5	10	17	111	1	291
16:10-16:15	13	134	3	18	20	2	8	6	9	8	129	0	350
16:15-16:20	6	112	3	12	11	2	7	7	8	13	140	1	322
16:20-16:25	4	95	1	16	18	0	4	3	12	4	132	2	291
16:25-16:30	6	91	5	12	28	1	8	12	10	12	148	3	336
16:30-16:35	12	142	1	19	4	3	4	2	7	14	153	1	362
16:35-16:40	4	99	2	12	20	0	7	7	7	18	142	1	319
16:40-16:45	10	138	3	20	12	3	9	4	14	18	113	3	347
16:45-16:50	9	93	3	11	22	3	8	5	4	16	144	0	318
16:50-16:55	10	111	2	19	18	2	6	1	10	9	157	5	350
16:55-17:00	5	101	2	18	22	2	2	4	7	16	138	0	317
17:00-17:05	11	104	1	20	20	1	9	11	7	18	161	0	363
17:05-17:10	18	110	2	21	11	2	11	8	7	11	180	1	382
17:10-17:15	11	91	3	31	36	2	5	5	11	19	127	2	343
17:15-17:20	13	131	2	24	25	2	9	10	11	17	156	0	400
17:20-17:25	18	92	4	26	25	0	4	6	5	20	204	0	404
17:25-17:30	7	130	0	32	22	3	9	7	12	14	161	1	398
17:30-17:35	3	116	1	25	42	1	4	7	7	11	157	1	375
17:35-17:40	12	90	3	28	23	0	8	5	8	17	165	0	359
17:40-17:45	10	112	2	30	23	2	7	5	6	17	144	0	358
17:45-17:50	14	66	7	33	30	2	7	11	8	16	138	3	335
17:50-17:55	14	100	4	23	34	3	3	6	7	19	156	0	369
17:55-18:00	12	106	3	17	22	1	19	12	13	14	109	1	329
Total Survey	234	2583	61	503	512	42	171	155	209	343	3458	27	8298
PHF	.85	.88	.57	.85	.88	.68	.82	.8	.88	.86	.89	.56	.918
% Trucks	.4	2.5	4.9	.8	.8	2.4	0	0	.5	.3	2.1	0	1.9
Stopped Buses	0	2	0	1	0	0	0	0	0	0	17	0	
Peds	0	8	0	0	6	0	0	176	0	0	3	0	
Hourly Totals													
16:00-17:00	91	1335	29	193	199	23	76	62	107	150	1600	18	3883
16:15-17:15	106	1287	28	211	222	21	80	69	104	168	1735	19	4050
16:30-17:30	128	1342	25	253	237	23	83	70	102	190	1836	14	4303
16:45-17:45	127	1281	25	285	289	20	82	74	95	185	1894	10	4367
17:00-18:00	143	1248	32	310	313	19	95	93	102	193	1858	9	4415

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
HART ROAD AT 155TH AVENUE

21246



DATE OF COUNT: 10/06/99
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:30

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

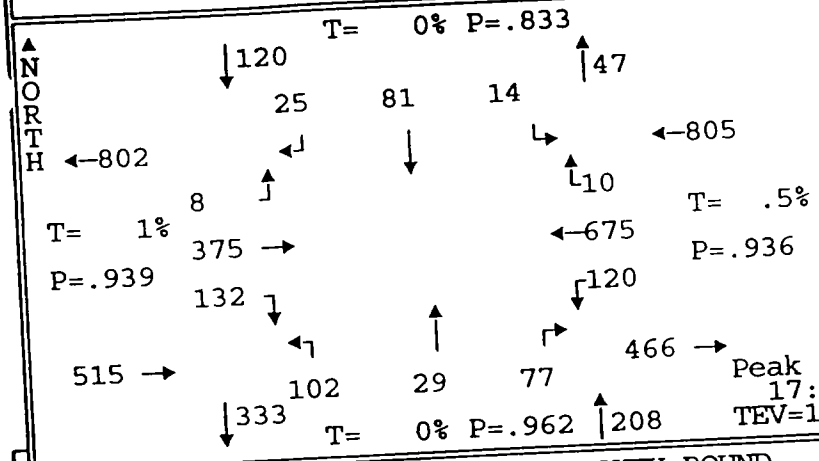
BKQQ

Peak Hour
17:05-18:05
TEV=1665

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	10	25	1	2	3	0	4	1	7	8	22	1	84
16:05-16:10	7	26	0	0	4	1	9	1	4	8	51	0	111
16:10-16:15	8	27	0	4	3	1	7	4	6	12	41	4	117
16:15-16:20	5	36	0	1	3	0	13	1	6	9	37	1	112
16:20-16:25	11	19	1	0	1	0	4	3	6	6	39	0	90
16:25-16:30	6	24	1	1	2	0	3	0	5	7	40	0	89
16:30-16:35	5	27	0	1	3	0	11	2	7	8	43	1	108
16:35-16:40	6	31	1	1	2	0	4	3	4	8	41	0	101
16:40-16:45	2	21	1	1	2	2	5	0	6	7	55	4	106
16:45-16:50	9	31	0	0	4	0	8	2	4	2	57	0	117
16:50-16:55	15	24	0	0	5	1	8	3	7	11	40	1	115
16:55-17:00	10	40	0	1	5	1	9	2	6	11	43	1	129
17:00-17:05	14	26	0	1	3	1	10	1	10	9	48	1	124
17:05-17:10	6	25	1	0	2	1	11	2	11	9	59	0	127
17:10-17:15	8	33	0	0	5	2	8	2	4	13	61	1	137
17:15-17:20	10	32	0	1	8	1	7	2	5	7	59	0	132
17:20-17:25	14	25	1	2	7	1	10	5	10	10	62	0	147
17:25-17:30	9	24	0	3	6	1	7	3	4	13	63	1	134
17:30-17:35	14	29	1	2	4	2	6	2	10	15	54	0	139
17:35-17:40	13	35	2	3	6	1	12	2	5	9	52	0	140
17:40-17:45	10	30	1	4	7	1	7	3	7	8	56	3	137
17:45-17:50	15	29	0	4	10	1	9	0	4	11	57	1	141
17:50-17:55	6	39	0	1	13	1	11	2	3	10	51	2	139
17:55-18:00	12	36	0	0	5	1	13	4	7	11	59	2	150
18:00-18:05	12	28	1	1	6	2	9	3	6	9	65	0	142
18:05-18:10	7	33	2	1	5	0	7	0	11	5	52	1	124
18:10-18:15	10	35	0	3	4	2	4	3	5	12	45	0	123
18:15-18:20	14	29	1	1	6	0	4	1	3	11	49	0	119
18:20-18:25	9	41	3	0	11	2	10	1	6	11	44	2	140
18:25-18:30	7	30	1	3	5	0	3	3	5	6	45	1	109
Total Survey	284	890	19	42	150	26	233	61	184	276	1490	28	3683
PHF	.85	.88	.44	.48	.66	.94	.83	.75	.79	.82	.95	.42	.965
% Trucks	.7	2.1	0	0	0	0	.4	0	0	.7	.9	0	1
Stopped Buses	0	1	0	0	0	0	0	0	0	0	2	0	
Peds	0	1	0	0	3	0	0	7	0	0	3	0	
Hourly Totals													
16:00-17:00	94	331	5	12	37	6	85	22	68	97	509	13	1279
16:15-17:15	97	337	5	7	37	8	94	21	76	100	563	10	1355
16:30-17:30	108	339	4	11	52	11	98	27	78	108	631	10	1477
16:45-17:45	132	354	6	17	62	13	103	29	83	117	654	8	1578
17:00-18:00	131	363	6	21	76	14	111	28	80	125	681	11	1647
17:15-18:15	132	375	8	25	81	14	102	29	77	120	675	10	1648
17:30-18:30	129	394	12	23	82	13	95	24	72	118	629	12	1603

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
HART ROAD AT 155TH AVENUE



DATE OF COUNT: 10/06/99
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:30

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

BKQQ

Peak Hour
17:15-18:15
TEV=1648

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↓	SOUTH BOUND ↵	SOUTH BOUND ↑	NORTH BOUND ↳	NORTH BOUND ↓	NORTH BOUND ↱	WEST BOUND ↑	WEST BOUND ←	WEST BOUND ↵	ALL
ALL VEHICLES													
17:15-17:30	33	81	1	6	21	3	24	10	19	30	184	1	413
17:30-17:45	37	94	4	9	17	4	25	7	22	32	162	3	416
17:45-18:00	33	104	0	5	28	3	33	6	14	32	167	5	430
18:00-18:15	29	96	3	5	15	4	20	6	22	26	162	1	389
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:15-17:30	0	2	0	0	0	0	0	0	0	1	0	0	3
17:30-17:45	0	1	0	0	0	0	0	0	0	0	0	0	1
17:45-18:00	0	1	0	0	0	0	0	0	0	2	0	0	3
18:00-18:15	0	0	0	0	0	0	0	0	0	1	0	0	1
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00-18:15	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:15-17:30	0	1	0	0	0	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00-18:15	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:15-17:30	0	0	0	0	1	0	0	0	0	0	1	0	2
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00-18:15	0	0	0	0	0	0	0	0	0	1	1	0	2

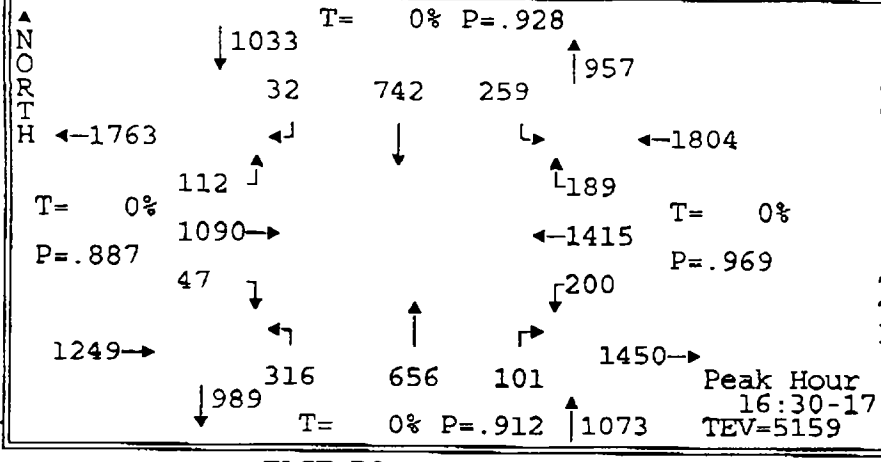
PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:15-17:30	0	0	0	0	0
17:30-17:45	0	0	0	0	0
17:45-18:00	0	0	2	0	2
18:00-18:15	0	0	3	0	3

Peak Hour by Movement													
PHF	.89	.9	.5	.69	.72	.88	.77	.73	.88	.94	.92	.5	.958
% Trucks(all)	0	1.3	0	0	0	0	0	0	0	0	.6	0	.5
% Trucks(M+H)	0	.3	0	0	0	0	0	0	0	0	0	0	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	2	0	

Hourly Totals													
16:00-17:00	94	331	5	12	37	6	85	22	68	97	509	13	1279
16:15-17:15	97	337	5	7	37	8	94	21	76	100	563	10	1355
16:30-17:30	108	339	4	11	52	11	98	27	78	108	631	10	1477
16:45-17:45	132	354	6	17	62	13	103	29	83	117	654	8	1578
17:00-18:00	131	363	6	21	76	14	111	28	80	125	681	11	1647
17:15-18:15	132	375	8	25	81	14	102	29	77	120	675	10	1648
17:30-18:30	129	394	12	23	82	13	95	24	72	118	629	12	1603

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
TUALATIN VALLEY HIGHWAY AT MURRAY BOULEVARD

21668



DATE OF COUNT: 11/10/99
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

djhu

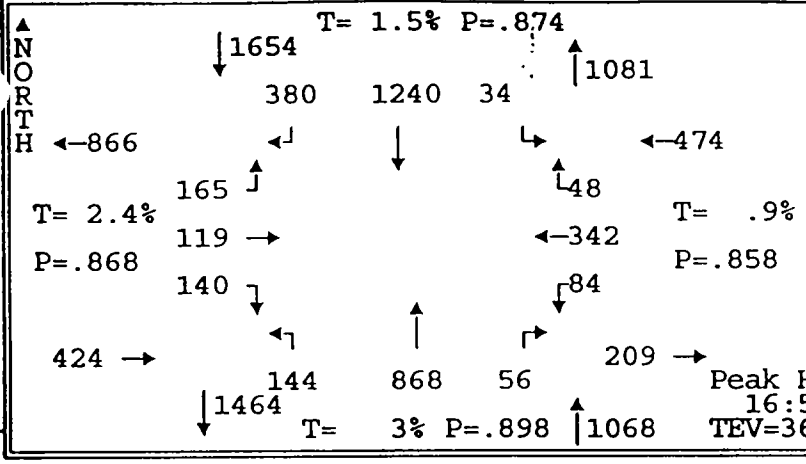
Peak Hour
16:30-17:30
TEV=5159

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	4	68	20	9	50	13	33	46	14	9	78	17	361
16:05-16:10	4	86	6	6	57	30	16	44	14	16	112	16	407
16:10-16:15	8	115	8	6	49	24	26	43	2	13	116	12	422
16:15-16:20	4	73	6	4	81	17	22	54	12	9	69	14	365
16:20-16:25	3	119	2	6	29	18	22	46	9	17	118	10	399
16:25-16:30	8	96	11	5	59	24	18	26	10	15	123	16	411
16:30-16:35	6	64	17	2	81	11	28	76	17	11	104	14	431
16:35-16:40	0	126	6	2	54	18	21	49	10	19	116	13	434
16:40-16:45	4	59	8	2	70	38	36	51	6	17	105	21	417
16:45-16:50	4	80	9	3	63	21	21	59	12	18	107	5	402
16:50-16:55	8	128	9	3	46	19	24	47	12	17	124	20	457
16:55-17:00	9	96	5	2	54	23	24	54	10	16	130	17	440
17:00-17:05	3	90	4	2	84	21	41	47	9	13	109	17	440
17:05-17:10	1	83	15	3	56	21	23	46	6	27	114	7	402
17:10-17:15	0	95	6	4	55	24	19	45	5	15	147	16	431
17:15-17:20	2	71	18	4	77	14	31	58	5	12	104	16	412
17:20-17:25	4	98	9	2	51	25	19	72	5	20	118	16	439
17:25-17:30	6	100	6	3	51	24	29	52	4	15	137	27	454
17:30-17:35	9	80	3	2	55	27	33	43	1	13	117	12	395
17:35-17:40	2	81	10	1	72	22	24	59	1	23	114	11	420
17:40-17:45	6	112	7	0	56	21	18	49	1	15	147	20	452
17:45-17:50	5	72	3	3	85	22	21	59	3	13	104	10	400
17:50-17:55	0	117	5	3	57	15	23	57	1	9	116	11	414
17:55-18:00	3	58	10	0	56	21	18	39	5	17	132	15	374
Total Survey	103	2167	203	77	1448	513	590	1221	174	369	2761	353	9979
PHF	.56	.87	.72	.73	.9	.83	.89	.9	.74	.89	.96	.8	.964
% Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	62	1110	107	50	693	256	291	595	128	177	1302	175	4946
16:15-17:15	50	1109	98	38	732	255	299	600	118	194	1366	170	5029
16:30-17:30	47	1090	112	32	742	259	316	656	101	200	1415	189	5159
16:45-17:45	54	1114	101	29	720	262	306	631	71	204	1468	184	5144
17:00-18:00	41	1057	96	27	755	257	299	626	46	192	1459	178	5033

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
MURRAY BOULEVARD AT HART ROAD

21208



DATE OF COUNT: 09/30/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

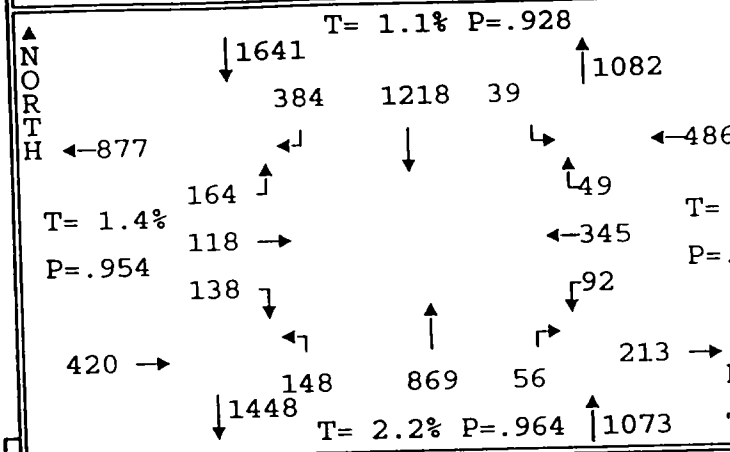
BKQP

Peak Hour
16:50-17:50
TEV=3620

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	8	14	13	15	71	4	10	46	2	3	12	5	203
16:05-16:10	8	7	12	32	102	2	8	77	3	5	20	2	278
16:10-16:15	12	14	14	27	97	2	2	47	1	1	28	0	245
16:15-16:20	9	8	10	26	93	2	12	70	4	6	29	2	271
16:20-16:25	14	9	20	32	63	0	15	70	3	7	18	3	254
16:25-16:30	9	11	12	21	79	7	17	57	3	4	38	2	260
16:30-16:35	15	12	20	16	104	0	2	65	0	1	21	10	266
16:35-16:40	14	11	13	30	83	7	10	41	1	4	33	3	250
16:40-16:45	15	10	13	25	104	0	10	76	3	8	15	3	282
16:45-16:50	20	16	21	21	82	4	16	58	3	2	21	4	268
16:50-16:55	9	7	7	26	138	1	8	77	3	3	25	2	306
16:55-17:00	14	11	21	32	93	0	5	69	2	4	25	1	277
17:00-17:05	9	8	10	39	101	3	12	74	2	3	21	7	289
17:05-17:10	11	9	16	25	78	3	12	57	10	4	41	7	273
17:10-17:15	15	9	10	26	99	5	16	88	7	3	25	3	306
17:15-17:20	13	14	16	28	77	1	5	77	5	10	34	3	283
17:20-17:25	5	14	10	36	100	5	19	70	10	6	39	3	317
17:25-17:30	11	10	17	33	108	2	16	61	2	16	24	3	303
17:30-17:35	8	5	13	38	108	4	19	62	5	7	30	6	305
17:35-17:40	13	5	19	35	141	4	6	89	6	13	20	5	356
17:40-17:45	17	15	14	18	90	4	17	62	1	8	40	4	290
17:45-17:50	15	12	12	44	107	2	9	82	3	7	18	4	315
17:50-17:55	18	13	18	18	85	4	13	51	3	11	34	1	269
17:55-18:00	3	4	9	44	124	2	4	96	2	4	19	3	314
Total Survey	285	248	340	687	2327	68	263	1622	84	140	630	86	6780
PHF	.78	.78	.84	.89	.87	.71	.67	.92	.64	.58	.86	.71	.938
% Trucks	.7	1.6	4.4	1.5	1.5	1.5	1.1	3.3	3.6	.7	1	1.2	2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	5	0	0	4	0	0	4	0	0	4	0	
Hourly Totals													
16:00-17:00	147	130	176	303	1109	29	115	753	28	48	285	37	3160
16:15-17:15	154	121	173	319	1117	32	135	802	41	49	312	47	3302
16:30-17:30	151	131	174	337	1167	31	131	813	48	64	324	49	3420
16:45-17:45	145	123	174	357	1215	36	151	844	56	79	345	48	3573
17:00-18:00	138	118	164	384	1218	39	148	869	56	92	345	49	3620

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
MURRAY BOULEVARD AT HART ROAD



DATE OF COUNT: 09/30/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

BKQP

Peak Hour
17:00-18:00
TEV=3620

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↴	WEST BOUND ←	WEST BOUND ↰	ALL
ALL VEHICLES													
17:00-17:15	35	26	36	90	278	11	40	219	19	10	87	17	868
17:15-17:30	29	38	43	97	285	8	40	208	17	32	97	9	903
17:30-17:45	38	25	46	91	339	12	42	213	12	28	90	15	951
17:45-18:00	36	29	39	106	316	8	26	229	8	22	71	8	898
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	0	1	1	2	0	0	5	0	0	1	0	10
17:15-17:30	0	1	1	1	2	0	0	4	0	0	1	0	10
17:30-17:45	1	0	0	1	1	0	1	4	0	0	0	0	8
17:45-18:00	0	0	1	3	6	0	0	5	1	0	0	0	16
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	1	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	1	0	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	1	0	0	1	0	2
17:30-17:45	0	0	0	0	0	0	0	1	0	0	0	0	1
17:45-18:00	0	0	1	0	0	0	0	1	0	0	0	0	2
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	3	0	0	0	1	0	0	0	4
17:30-17:45	0	0	0	0	2	0	0	0	0	0	0	0	2
17:45-18:00	0	0	0	1	0	0	1	3	0	0	0	0	5

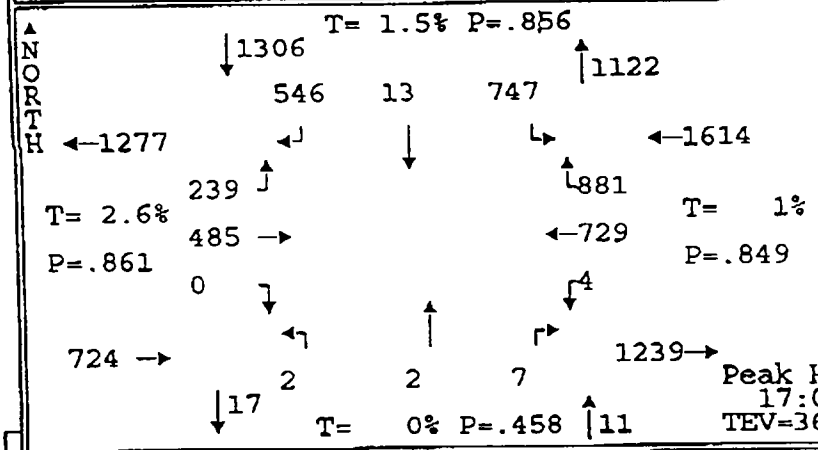
PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	1	0	0	0	1
17:15-17:30	1	1	2	1	5
17:30-17:45	2	0	0	0	2
17:45-18:00	0	0	0	0	0

Peak Hour by Movement													
PHF	.91	.78	.89	.91	.9	.81	.88	.95	.74	.72	.89	.72	.951
% Trucks(all)	.7	.8	2.4	1.6	1	0	.7	2.5	1.8	0	.9	0	1.4
% Trucks(M+H)	0	0	.6	0	.1	0	0	.5	0	0	.3	0	.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	147	130	176	303	1109	29	115	753	28	48	285	37	3160
16:15-17:15	154	121	173	319	1117	32	135	802	41	49	312	47	3302
16:30-17:30	151	131	174	337	1167	31	131	813	48	64	324	49	3420
16:45-17:45	145	123	174	357	1215	36	151	844	56	79	345	48	3573
17:00-18:00	138	118	164	384	1218	39	148	869	56	92	345	49	3620

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
MURRAY BOULEVARD AT SCHOLLS FERRY ROAD

21970



DATE OF COUNT: 12/07/99
DAY OF WEEK: Tue
TIME STARTED: 16:30
TIME ENDED: 18:30

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

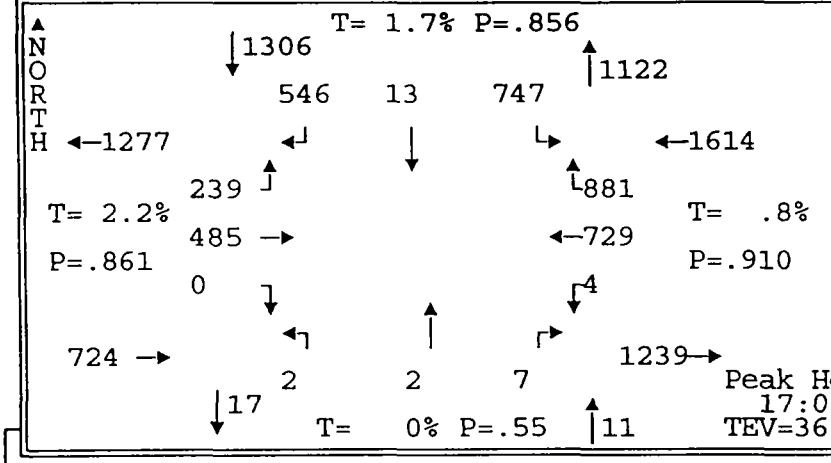
LTIW

Peak Hour
17:00-18:00
TEV=3655

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:30-16:35	0	20	15	33	1	63	1	0	1	0	37	53	224
16:35-16:40	0	39	17	23	4	55	0	1	1	0	58	55	253
16:40-16:45	0	39	28	38	0	43	1	0	0	1	58	60	268
16:45-16:50	0	36	12	39	0	75	0	0	2	0	57	71	292
16:50-16:55	0	29	29	42	2	58	0	0	0	0	47	57	264
16:55-17:00	1	27	18	26	0	62	0	0	0	0	45	69	248
17:00-17:05	0	27	18	51	0	58	0	0	0	0	59	63	276
17:05-17:10	0	40	21	34	0	42	0	0	0	1	64	61	263
17:10-17:15	0	33	11	47	0	74	0	0	0	0	83	79	327
17:15-17:20	0	43	35	52	0	67	0	0	1	1	61	66	326
17:20-17:25	0	47	7	51	0	78	0	1	0	1	64	104	353
17:25-17:30	0	47	31	39	1	37	1	0	1	0	67	79	303
17:30-17:35	0	36	9	37	3	72	1	0	2	0	70	90	320
17:35-17:40	0	38	31	31	2	55	0	1	0	0	46	73	277
17:40-17:45	0	40	24	49	4	41	0	0	1	1	53	70	283
17:45-17:50	0	49	22	47	0	75	0	0	0	0	62	80	335
17:50-17:55	0	45	18	65	1	87	0	0	1	0	43	61	321
17:55-18:00	0	40	12	43	2	61	0	0	1	0	57	55	271
18:00-18:05	1	26	27	39	0	57	0	0	0	0	42	54	246
18:05-18:10	0	29	15	42	4	58	0	1	1	0	48	61	259
18:10-18:15	0	31	10	29	0	60	1	0	0	1	61	60	253
18:15-18:20	0	29	22	43	0	49	0	0	1	0	62	68	274
18:20-18:25	0	25	11	33	5	71	0	0	0	1	48	58	252
18:25-18:30	0	41	17	30	1	61	0	0	0	0	62	57	269
Total Survey	2	856	460	963	30	1459	5	4	13	7	1354	1604	6757
PHF	0	.89	.78	.85	.36	.84	.25	.5	.58	.5	.88	.81	.908
% Trucks	0	2.6	2.6	2	0	1.2	0	0	0	0	.8	1.1	1.5
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	16	0	0	10	0	0	17	0	0	4	0	
Hourly Totals													
16:30-17:30	1	427	242	475	8	712	3	2	6	4	700	817	3397
16:45-17:45	1	443	246	498	12	719	2	2	7	4	716	882	3532
17:00-18:00	0	485	239	546	13	747	2	2	7	4	729	881	3655
17:15-18:15	1	471	241	524	17	748	3	3	8	4	674	853	3547
17:30-18:30	1	429	218	488	22	747	2	2	7	3	654	787	3360

INTERSECTI TURN MOVEMENT COUNT PEAK HO REPORT
MURRAY BOULEVARD AT SCHOLLS FERRY ROAD



DATE OF COUNT: 12/07/99
DAY OF WEEK: Tue
TIME STARTED: 16:30
TIME ENDED: 18:30

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

LTIW

Peak Hour
17:00-18:00
TEV=3655

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	0	100	50	132	0	174	0	0	0	1	206	203	866
17:15-17:30	0	137	73	142	1	182	1	1	2	2	192	249	982
17:30-17:45	0	114	64	117	9	168	1	1	3	1	169	233	880
17:45-18:00	0	134	52	155	3	223	0	0	2	0	162	196	927
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	4	0	2	0	1	0	0	0	0	2	1	10
17:15-17:30	0	3	2	3	0	3	0	0	0	0	1	1	13
17:30-17:45	0	2	2	3	0	2	0	0	0	0	0	2	11
17:45-18:00	0	1	0	2	0	5	0	0	0	0	2	2	12
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	1	0	0	0	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	1	0	0	0	0	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	1	0	1
17:15-17:30	0	1	0	0	0	0	0	0	0	0	1	0	2
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	1	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

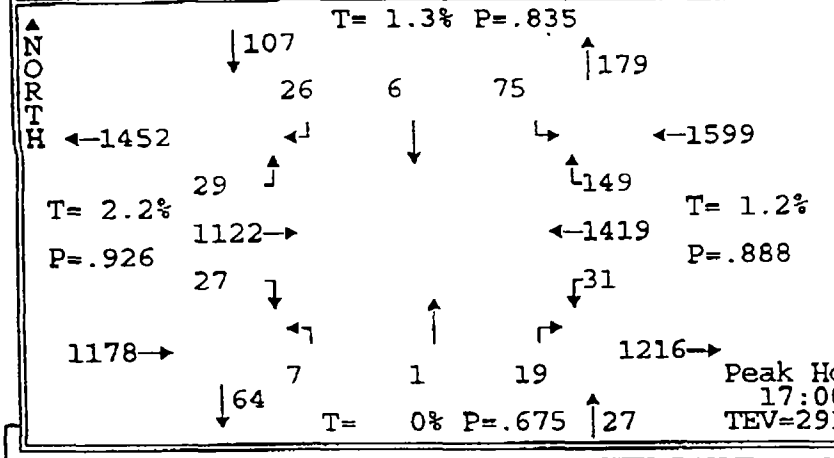
PEDESTRIANS — CROSSWALK USEAGE	SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	1	0	0	1
17:15-17:30	1	2	0	0	3
17:30-17:45	0	2	2	3	7
17:45-18:00	0	0	0	0	0

Peak Hour by Movement													
PHF	0	.89	.82	.88	.36	.84	.5	.5	.58	.5	.88	.88	.930
% Trucks(all)	0	2.5	1.7	2	0	1.5	0	0	0	0	1	.7	1.4
% Trucks(M+H)	0	.4	0	.2	0	0	0	0	0	0	.3	0	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:30-17:30	1	427	242	475	8	712	3	2	6	4	700	817	3397
16:45-17:45	1	443	246	498	12	719	2	2	7	4	716	882	3532
17:00-18:00	0	485	239	546	13	747	2	2	7	4	729	881	3655
17:15-18:15	1	471	241	524	17	748	3	3	8	4	674	853	3547
17:30-18:30	1	429	218	488	22	747	2	2	7	3	654	787	3360

INTERSEC. JN TURN MOVEMENT COUNT SUMMA REPORT

DAVIES ROAD AT SCHOLLS FERRY ROAD

22109



DATE OF COUNT: 12/16/99
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

DLUO

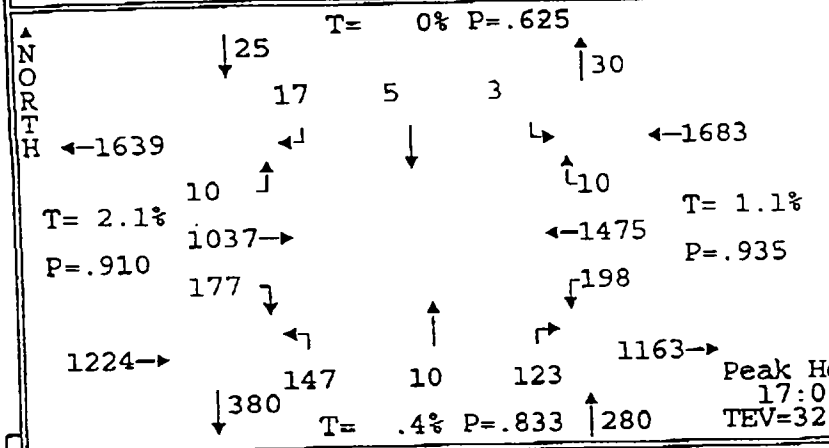
Peak Hour
17:00-18:00
TEV=2911

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↙	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	0	72	0	3	0	11	0	0	1	2	120	14	223
16:05-16:10	2	81	2	2	1	11	1	1	1	0	115	8	225
16:10-16:15	2	64	1	2	0	9	0	0	0	2	119	16	215
16:15-16:20	2	81	1	0	0	8	0	0	0	3	106	11	212
16:20-16:25	2	77	1	1	0	9	0	0	0	1	93	8	192
16:25-16:30	0	75	0	1	0	9	1	1	0	1	78	7	173
16:30-16:35	1	66	5	3	1	6	0	0	3	2	107	13	207
16:35-16:40	1	76	4	4	0	3	0	0	2	3	103	17	213
16:40-16:45	2	73	3	3	2	8	1	0	1	0	117	4	214
16:45-16:50	0	65	3	2	0	4	0	1	1	1	98	14	189
16:50-16:55	2	89	1	1	0	7	1	0	0	2	108	9	220
16:55-17:00	1	73	0	1	0	11	0	0	1	4	94	10	195
17:00-17:05	5	124	0	0	0	7	0	0	1	2	137	11	287
17:05-17:10	2	87	0	3	2	5	0	0	2	5	112	11	229
17:10-17:15	1	94	5	0	0	3	1	0	3	1	101	10	219
17:15-17:20	2	95	7	5	0	4	0	0	1	3	120	17	254
17:20-17:25	1	102	2	2	0	4	0	0	3	2	139	10	265
17:25-17:30	4	84	1	3	0	9	1	0	3	1	146	12	264
17:30-17:35	0	80	3	4	0	9	0	1	2	2	108	15	224
17:35-17:40	1	88	5	2	0	3	0	0	0	5	133	18	255
17:40-17:45	4	77	2	2	1	7	0	0	0	0	111	9	213
17:45-17:50	1	91	1	0	1	5	3	0	1	4	88	10	205
17:50-17:55	2	96	0	3	0	12	1	0	2	4	109	11	240
17:55-18:00	4	104	3	2	2	7	1	0	1	2	115	15	256
Total Survey	42	2014	50	49	10	171	11	4	29	52	2677	280	5389
PHF	.84	.92	.52	.65	.5	.78	.35	.25	.59	.77	.88	.83	.929
% Trucks	2.4	2.3	0	0	0	1.8	0	0	0	0	1.4	0	1.6
Stopped Buses	0	0	0	0	0	0	0	0	0	0	2	0	
Peds	0	2	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	15	892	21	23	4	96	4	3	10	21	1258	131	2478
16:15-17:15	19	980	23	19	5	80	4	2	14	25	1254	125	2550
16:30-17:30	22	1028	31	27	5	71	4	1	21	26	1382	138	2756
16:45-17:45	23	1058	29	25	3	73	3	2	17	28	1407	146	2814
17:00-18:00	27	1122	29	26	6	75	7	1	19	31	1419	149	2911

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
SCHOLLS FERRY ROAD AT 135TH AVENUE

21976



DATE OF COUNT: 12/07/99
DAY OF WEEK: Tue
TIME STARTED: 16:30
TIME ENDED: 18:30

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

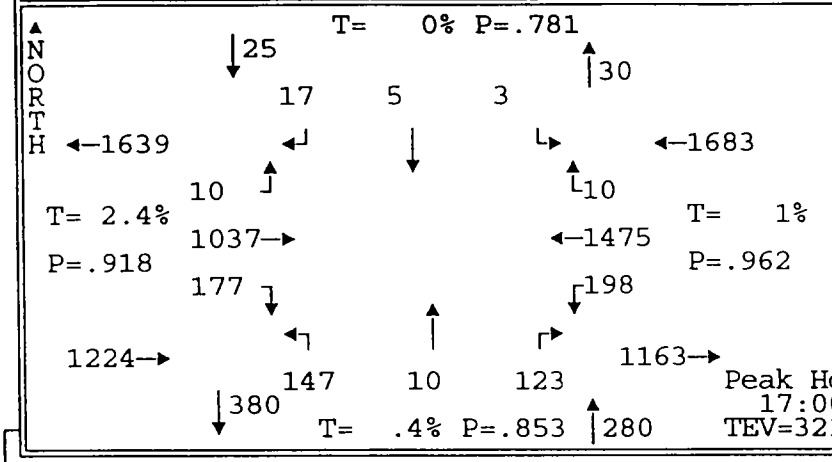
JWIC

Peak Hour
17:00-18:00
TEV=3212

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	SOUTH BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:30-16:35	13	89	1	2	0	1	4	0	5	24	113	1	253
16:35-16:40	19	89	2	1	1	0	11	1	7	11	115	1	258
16:40-16:45	13	76	0	1	0	1	24	0	8	15	120	0	258
16:45-16:50	28	91	0	0	2	0	8	0	7	15	136	2	289
16:50-16:55	16	64	0	0	0	0	13	3	10	26	112	1	245
16:55-17:00	13	78	0	0	0	1	12	1	10	13	94	0	222
17:00-17:05	18	91	0	1	0	1	14	1	12	7	112	0	257
17:05-17:10	8	67	2	1	1	0	17	2	10	21	127	0	256
17:10-17:15	18	94	0	1	0	0	12	0	11	18	149	1	304
17:15-17:20	16	72	0	0	2	0	19	0	13	13	114	0	249
17:20-17:25	22	102	0	0	3	0	11	0	16	18	136	1	309
17:25-17:30	8	73	0	2	0	1	13	0	10	14	140	1	262
17:30-17:35	19	81	1	4	0	0	16	0	5	22	101	1	250
17:35-17:40	14	99	3	2	0	0	13	0	7	19	142	2	301
17:40-17:45	5	78	0	1	0	0	10	5	8	12	113	1	233
17:45-17:50	17	108	2	2	0	0	7	0	7	20	139	0	302
17:50-17:55	18	107	1	0	0	1	3	1	15	15	90	1	252
17:55-18:00	14	65	1	1	1	0	12	1	9	19	112	2	237
18:00-18:05	12	106	1	2	0	1	6	1	8	14	87	1	239
18:05-18:10	5	67	1	2	0	3	26	0	12	25	79	4	224
18:10-18:15	27	88	1	0	0	1	7	0	10	21	133	1	289
18:15-18:20	17	59	1	2	1	0	12	2	12	15	100	1	222
18:20-18:25	15	63	0	1	1	0	9	0	19	29	119	0	256
18:25-18:30	17	87	1	1	0	0	10	1	12	13	104	0	246
Total Survey	372	1994	18	29	10	11	289	19	243	419	2787	22	6213
PHF	.79	.88	.5	.53	.42	.75	.77	.42	.77	.9	.92	.63	.931
% Trucks	1.1	2.3	5.6	0	0	0	.3	0	.4	.5	1.3	0	1.4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	6	0	0	2	0	0	5	0	0	2	0	
Hourly Totals													
16:30-17:30	192	986	5	11	7	5	158	8	119	195	1468	8	3162
16:45-17:45	185	990	6	14	6	3	158	12	119	198	1476	10	3177
17:00-18:00	177	1037	10	17	5	3	147	10	123	198	1475	10	3212
17:15-18:15	177	1046	11	18	4	7	143	8	120	212	1386	15	3147
17:30-18:30	180	1008	13	18	3	6	131	11	124	224	1319	14	3051

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
S OLLS FERRY ROAD AT 135TH AVE



DATE OF COUNT: 12/07/99
DAY OF WEEK: Tue
TIME STARTED: 16:30
TIME ENDED: 18:30

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

JWIC

Peak Hour
17:00-18:00
TEV=3212

Traffic Smithy
(503)641-6333

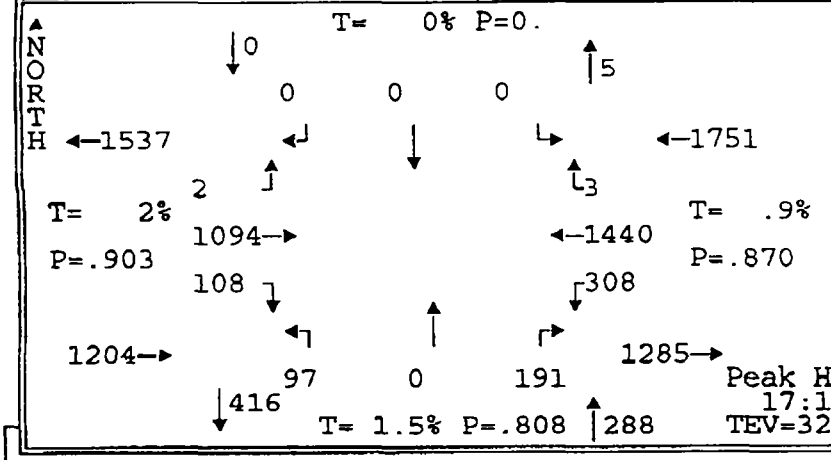
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	44	252	2	3	1	1	43	3	33	46	388	1	817
17:15-17:30	46	247	0	4	3	1	43	0	39	45	390	2	820
17:30-17:45	38	258	4	7	0	0	39	5	20	53	356	4	784
17:45-18:00	49	280	4	3	1	1	22	2	31	54	341	3	791
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	1	6	0	0	0	0	0	0	1	3	0		11
17:15-17:30	1	7	0	0	0	0	0	0	0	4	0		12
17:30-17:45	0	5	0	0	0	0	0	0	0	2	0		7
17:45-18:00	0	5	1	0	0	0	0	0	1	0	3	0	10
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	1	0	0	0	0	0	0	0	0	0	0	1
17:15-17:30	0	1	0	0	0	0	0	0	0	0	1	0	2
17:30-17:45	0	0	0	0	0	0	0	0	0	0	1	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	1	0	1
17:15-17:30	0	1	0	0	0	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	1	0	0	0	0	0	0	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
17:00-17:15	1	0	0	0	1
17:15-17:30	0	1	1	0	2
17:30-17:45	0	1	0	0	1
17:45-18:00	0	0	0	0	0

Peak Hour by Movement													
PHF	.9	.93	.63	.61	.42	.75	.85	.5	.79	.92	.95	.63	.979
% Trucks(all)	1.1	2.5	10	0	0	0	0	0	.8	.5	1	0	1.4
% Trucks(M+H)	0	.3	0	0	0	0	0	0	0	0	.2	0	.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:30-17:30	192	986	5	11	7	5	158	8	119	195	1468	8	3162
16:45-17:45	185	990	6	14	6	3	158	12	119	198	1476	10	3177
17:00-18:00	177	1037	10	17	5	3	147	10	123	198	1475	10	3212
17:15-18:15	177	1046	11	18	4	7	143	8	120	212	1386	15	3147
17:30-18:30	180	1008	13	18	3	6	131	11	124	224	1319	14	3051

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
SCHOLLS FERRY ROAD AT BARROWS ROAD



DATE OF COUNT: 12/07/99
DAY OF WEEK: Tue
TIME STARTED: 16:30
TIME ENDED: 18:30

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

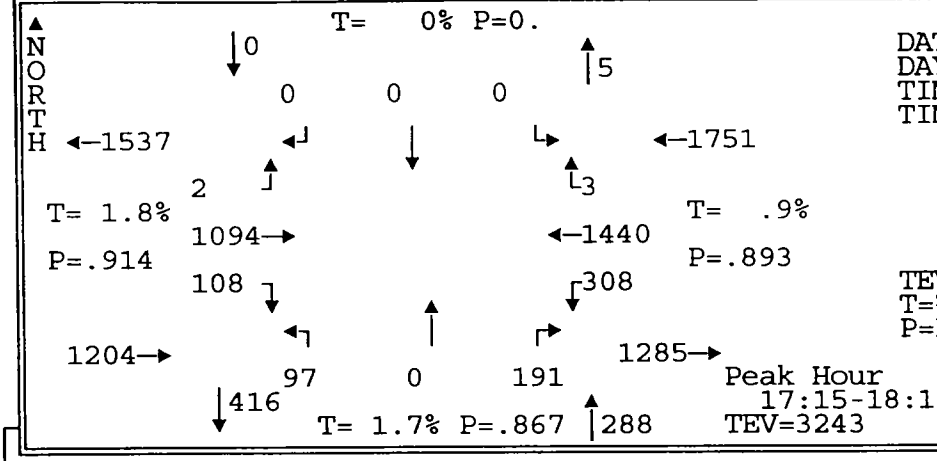
mcwh

Peak Hour
17:15-18:15
TEV=3243

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:30-16:35	8	74	0	0	0	0	6	0	15	34	87	0	224
16:35-16:40	8	99	1	0	0	0	9	0	23	23	130	0	293
16:40-16:45	12	66	0	0	0	0	3	0	15	26	118	0	240
16:45-16:50	10	108	0	0	0	0	8	0	20	23	120	0	289
16:50-16:55	15	79	0	0	0	0	6	0	9	16	134	0	259
16:55-17:00	8	68	0	0	0	0	12	0	12	29	95	0	224
17:00-17:05	7	95	0	0	0	0	3	0	14	21	132	0	272
17:05-17:10	10	68	0	0	0	0	2	0	10	44	117	0	251
17:10-17:15	5	91	1	0	0	0	21	2	11	17	88	1	237
17:15-17:20	10	95	0	0	0	0	7	0	8	22	149	0	291
17:20-17:25	7	83	0	0	0	0	11	0	16	31	112	0	260
17:25-17:30	10	96	0	0	0	0	10	0	11	22	153	1	303
17:30-17:35	10	91	1	0	0	0	10	0	17	35	141	0	305
17:35-17:40	8	86	0	0	0	0	16	0	21	21	130	0	282
17:40-17:45	6	86	0	0	0	0	3	0	14	16	140	1	266
17:45-17:50	11	95	1	0	0	0	16	0	19	34	94	0	270
17:50-17:55	12	122	0	0	0	0	1	0	9	20	99	1	264
17:55-18:00	6	82	0	0	0	0	1	0	15	34	103	0	241
18:00-18:05	9	98	0	0	0	0	9	0	18	18	86	0	238
18:05-18:10	12	72	0	0	0	0	6	0	20	22	110	0	242
18:10-18:15	7	88	0	0	0	0	7	0	23	33	123	0	281
18:15-18:20	16	77	0	0	0	0	4	0	17	22	134	0	270
18:20-18:25	8	65	0	0	0	0	5	0	19	33	115	0	245
18:25-18:30	7	109	0	0	0	0	3	0	10	25	101	0	255
Total Survey	222	2093	4	0	0	0	179	2	366	621	2811	4	6302
PHF	.93	.9	.5	0	0	0	.67	0	.78	.88	.85	.38	.910
% Trucks	1.8	2.1	0	0	0	0	.6	0	1.9	.8	1	0	1.4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	4	0	0	0	0	0	0	0	0	2	0	
Hourly Totals													
16:30-17:30	110	1022	2	0	0	0	98	2	164	308	1435	2	3143
16:45-17:45	106	1046	2	0	0	0	109	2	163	297	1511	3	3239
17:00-18:00	102	1090	3	0	0	0	101	2	165	317	1458	4	3242
17:15-18:15	108	1094	2	0	0	0	97	0	191	308	1440	3	3243
17:30-18:30	112	1071	2	0	0	0	81	0	202	313	1376	2	3159

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
SOLLS FERRY ROAD AT BARROWS RD



DATE OF COUNT: 12/07/99
DAY OF WEEK: Tue
TIME STARTED: 16:30
TIME ENDED: 18:30

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

mcwh

Peak Hour
17:15-18:15
TEV=3243

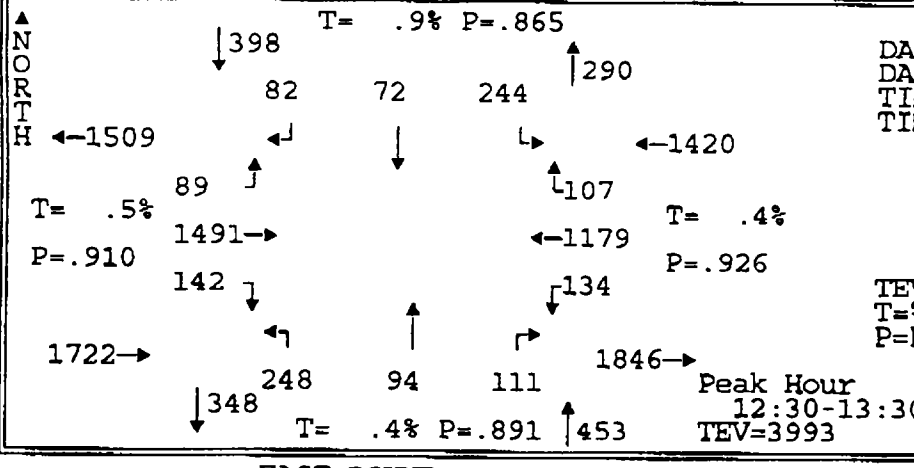
Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:15-17:30	27	274	0	0	0	0	28	0	35	75	414	1	854
17:30-17:45	24	263	1	0	0	0	29	0	52	72	411	1	853
17:45-18:00	29	299	1	0	0	0	18	0	43	88	296	1	775
18:00-18:15	28	258	0	0	0	0	22	0	61	73	319	0	761
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:15-17:30	1	5	0	0	0	0	0	0	0	1	3	0	10
17:30-17:45	0	5	0	0	0	0	1	0	1	2	1	0	10
17:45-18:00	2	5	0	0	0	0	0	0	2	0	2	0	11
18:00-18:15	0	2	0	0	0	0	0	0	1	0	5	0	8
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:15-17:30	0	1	0	0	0	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00-18:15	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:15-17:30	0	1	0	0	0	0	0	0	0	0	1	0	2
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00-18:15	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	1	0	1
18:00-18:15	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:15-17:30	0	0	0	1	1
17:30-17:45	0	0	0	1	1
17:45-18:00	0	0	0	0	0
18:00-18:15	1	0	0	0	1

Peak Hour by Movement													
PHF	.93	.91	.5	0	0	0	.84	0	.78	.88	.87	.75	.949
% Trucks(all)	2.8	1.7	0	0	0	0	1	0	2.1	1	.8	0	1.3
% Trucks(M+H)	0	.2	0	0	0	0	0	0	0	0	.1	0	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:30-17:30	110	1022	2	0	0	0	98	2	164	308	1435	2	3143
16:45-17:45	106	1046	2	0	0	0	109	2	163	297	1511	3	3239
17:00-18:00	102	1090	3	0	0	0	101	2	165	317	1458	4	3242
17:15-18:15	108	1094	2	0	0	0	97	0	191	308	1440	3	3243
17:30-18:30	112	1071	2	0	0	0	81	0	202	313	1376	2	3159

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
SCHOLLS FERRY ROAD AT 125TH AVENUE



DATE OF COUNT: 12/04/99
DAY OF WEEK: SAT
TIME STARTED: 12:00
TIME ENDED: 14:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

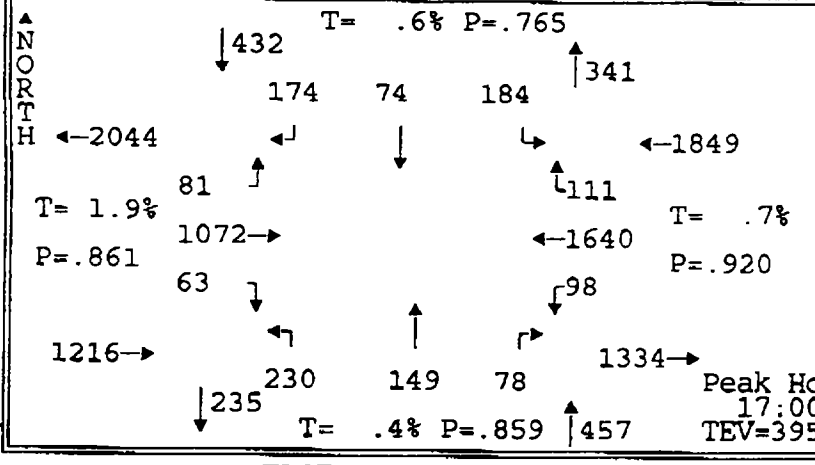
MP03

Peak Hour
12:30-13:30
TEV=3993

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↴	WEST BOUND ←	WEST BOUND ↰	ALL
12:00-12:05	9	112	8	16	4	9	13	2	5	11	96	11	296
12:05-12:10	12	122	6	16	6	19	19	1	13	10	121	5	350
12:10-12:15	7	121	12	10	8	16	15	12	6	9	86	8	310
12:15-12:20	9	102	5	5	8	16	11	4	10	19	124	10	323
12:20-12:25	13	121	7	7	9	12	7	7	13	14	69	6	285
12:25-12:30	14	108	10	10	1	23	26	4	9	16	112	7	340
12:30-12:35	11	125	7	4	6	16	22	6	11	12	107	11	338
12:35-12:40	12	118	5	8	6	24	31	4	5	12	115	4	344
12:40-12:45	13	140	6	8	6	17	19	7	13	10	99	13	351
12:45-12:50	11	112	6	6	6	16	19	11	8	5	77	7	284
12:50-12:55	15	140	8	4	3	25	17	9	8	6	92	10	337
12:55-13:00	10	100	1	5	7	23	23	12	8	14	108	8	319
13:00-13:05	7	129	10	9	6	13	12	9	5	10	90	12	312
13:05-13:10	8	105	10	7	5	21	20	7	10	17	85	12	307
13:10-13:15	12	121	9	8	12	26	21	10	12	15	102	10	358
13:15-13:20	19	131	6	6	5	25	29	8	10	15	79	7	340
13:20-13:25	12	152	11	11	4	14	11	2	7	9	113	4	350
13:25-13:30	12	118	10	6	6	24	24	9	14	9	112	9	353
13:30-13:35	9	118	7	8	3	10	13	3	9	10	89	8	287
13:35-13:40	10	110	3	5	5	17	28	8	10	13	115	4	328
13:40-13:45	12	127	9	7	4	13	15	4	7	15	102	8	323
13:45-13:50	9	120	7	7	4	22	28	7	8	13	104	11	340
13:50-13:55	8	133	14	8	10	21	18	8	7	5	87	11	330
13:55-14:00	7	103	5	7	1	26	27	9	14	15	90	8	312
Total Survey	261	2888	182	188	135	448	468	163	222	284	2374	204	7817
PHF	.83	.92	.77	.82	.78	.85	.86	.73	.87	.71	.92	.79	.952
% Trucks	0	.5	1.1	.5	.7	1.1	0	.6	.9	0	.5	0	.5
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	22	0	0	17	0	0	9	0	0	7	0	
Hourly Totals													
12:00-13:00	136	1421	81	99	70	216	222	79	109	138	1206	100	3877
12:15-13:15	135	1421	84	81	75	232	228	90	112	150	1180	110	3898
12:30-13:30	142	1491	89	82	72	244	248	94	111	134	1179	107	3993
12:45-13:45	137	1463	90	82	66	227	232	92	108	138	1164	99	3898
13:00-14:00	125	1467	101	89	65	232	246	84	113	146	1168	104	3940

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
SCHOLLS FERRY ROAD AT 125TH AVENUE



DATE OF COUNT: 12/07/99
DAY OF WEEK: TUE
TIME STARTED: 16:30
TIME ENDED: 18:30

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

BK17

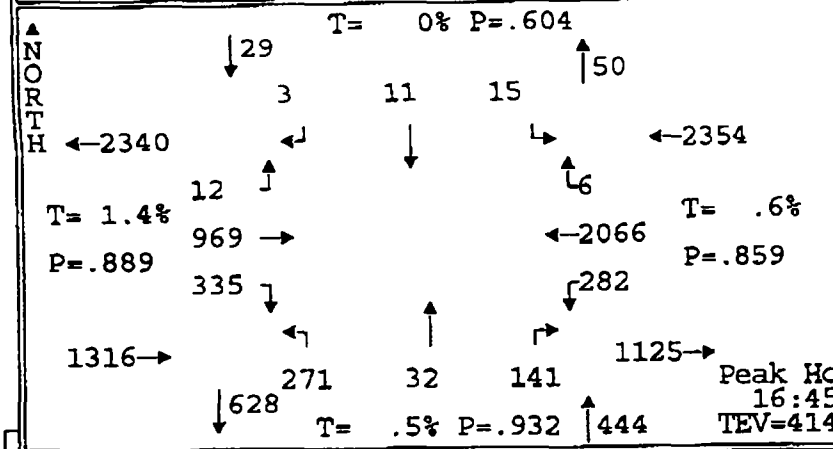
Peak Hour
17:00-18:00
TEV=3954

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↴	WEST BOUND ←	WEST BOUND ↰	ALL
16:30-16:35	5	98	8	10	6	9	14	10	5	5	138	14	322
16:35-16:40	7	79	7	9	3	18	17	12	6	6	113	21	298
16:40-16:45	1	77	12	19	8	16	23	13	3	9	92	8	281
16:45-16:50	3	93	6	11	4	16	13	4	3	11	150	11	325
16:50-16:55	7	76	7	17	8	26	15	10	4	5	125	6	306
16:55-17:00	3	66	14	17	10	16	15	9	8	13	95	10	276
17:00-17:05	5	82	4	14	3	16	18	8	7	20	172	15	364
17:05-17:10	6	86	15	15	11	16	20	10	5	4	89	8	285
17:10-17:15	2	89	5	14	3	7	22	20	6	5	171	4	348
17:15-17:20	10	63	2	13	2	18	14	16	6	9	157	1	311
17:20-17:25	7	99	16	13	0	17	21	17	5	8	135	8	346
17:25-17:30	5	91	3	15	3	6	19	13	9	10	161	13	348
17:30-17:35	2	82	5	21	12	25	21	19	9	6	113	6	321
17:35-17:40	10	93	6	17	11	19	10	10	7	8	144	4	339
17:40-17:45	3	68	4	14	2	20	21	4	9	13	109	15	282
17:45-17:50	5	110	8	14	13	15	25	18	1	8	140	6	363
17:50-17:55	4	107	6	10	5	8	18	5	10	4	136	24	337
17:55-18:00	4	102	7	14	9	17	21	9	4	3	113	7	310
18:00-18:05	6	109	7	6	7	12	13	1	4	3	122	2	292
18:05-18:10	8	61	3	17	7	18	18	8	11	10	111	12	284
18:10-18:15	7	99	12	19	3	13	10	7	8	10	120	10	318
18:15-18:20	2	77	12	9	8	13	10	2	16	16	147	5	317
18:20-18:25	7	72	11	20	5	17	22	8	2	7	103	4	278
18:25-18:30	5	116	6	8	5	12	6	7	6	9	135	6	321
Total Survey	124	2095	186	336	148	370	406	240	154	202	3091	220	7572
PHF	.72	.84	.84	.82	.69	.72	.9	.7	.78	.84	.89	.62	.973
% Trucks	0	2.1	1.6	0	1.4	.8	.5	0	.6	0	.8	.5	1.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	4	0	0	6	0	0	12	0	0	0	0	
Hourly Totals													
16:30-17:30	61	999	99	167	61	181	211	142	67	105	1598	119	3810
16:45-17:45	63	988	87	181	69	202	209	140	78	112	1621	101	3851
17:00-18:00	63	1072	81	174	74	184	230	149	78	98	1640	111	3954
17:15-18:15	71	1084	79	173	74	188	211	127	83	92	1561	108	3851
17:30-18:30	63	1096	87	169	87	189	195	98	87	97	1493	101	3762

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
SCHOLLS FERRY ROAD AT 121ST AVENUE

22067



DATE OF COUNT: 12/07/99
DAY OF WEEK: TUE
TIME STARTED: 16:30
TIME ENDED: 18:30

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

MP10

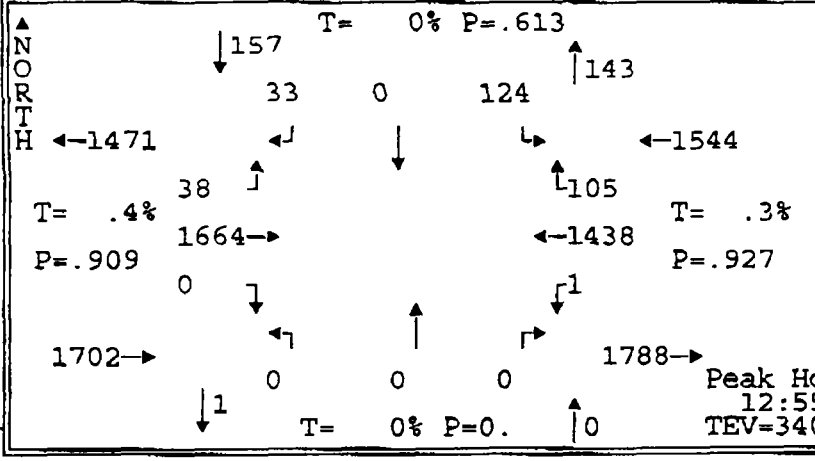
Peak Hour
16:45-17:45
TEV=4143

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:30-16:35	20	66	0	1	2	2	20	0	18	22	119	1	271
16:35-16:40	19	59	1	0	0	0	15	1	12	28	175	1	311
16:40-16:45	18	76	2	0	1	1	26	1	16	14	103	0	258
16:45-16:50	21	88	1	0	1	0	16	1	11	29	179	1	348
16:50-16:55	35	74	2	0	3	2	24	1	20	25	153	3	342
16:55-17:00	22	53	1	0	1	0	21	0	12	37	155	0	302
17:00-17:05	36	80	0	0	2	4	25	5	8	19	191	0	370
17:05-17:10	25	105	1	0	0	1	24	2	9	24	151	1	343
17:10-17:15	30	69	0	1	1	0	22	0	9	33	226	0	391
17:15-17:20	26	60	1	0	1	1	28	4	16	17	185	0	339
17:20-17:25	36	100	3	1	1	0	25	2	13	18	205	1	405
17:25-17:30	24	102	0	0	0	2	16	2	12	24	201	0	383
17:30-17:35	33	70	2	0	0	2	20	7	11	12	130	0	287
17:35-17:40	27	88	0	0	1	2	25	7	7	22	155	0	334
17:40-17:45	20	80	1	1	0	1	25	1	13	22	135	0	299
17:45-17:50	21	71	0	0	0	0	21	13	8	27	130	0	291
17:50-17:55	13	114	6	0	1	0	22	3	11	22	182	0	374
17:55-18:00	30	84	4	0	2	1	14	4	10	32	129	0	310
18:00-18:05	18	103	1	1	2	2	18	4	13	13	140	0	315
18:05-18:10	22	39	2	0	3	0	18	6	15	29	131	0	265
18:10-18:15	21	105	7	0	0	2	23	1	9	15	165	2	350
18:15-18:20	13	87	0	1	0	4	11	1	26	23	168	0	334
18:20-18:25	18	49	0	1	3	0	12	5	17	20	136	2	263
18:25-18:30	21	109	1	0	3	0	23	3	12	13	159	0	344
Total Survey	569	1931	36	7	28	27	494	74	308	540	3803	12	7829
PHF	.9	.89	.6	.38	.46	.63	.9	.5	.82	.77	.84	.38	.912
% Trucks	1.4	1.5	0	0	0	0	.4	0	.6	1.5	.5	0	.8
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	2	0	0	3	0	0	0	0	0	0	0	
Hourly Totals													
16:30-17:30	312	932	12	3	13	13	262	19	156	290	2043	8	4063
16:45-17:45	335	969	12	3	11	15	271	32	141	282	2066	6	4143
17:00-18:00	321	1023	18	3	9	14	267	50	127	272	2020	2	4126
17:15-18:15	291	1016	27	3	11	13	255	54	138	253	1888	3	3952
17:30-18:30	257	999	24	4	15	14	232	55	152	250	1760	4	3766

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
SCHOLLS FERRY ROAD AT CONESTOGA DRIVE

12069



DATE OF COUNT: 12/04/99
DAY OF WEEK: SAT
TIME STARTED: 12:00
TIME ENDED: 14:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

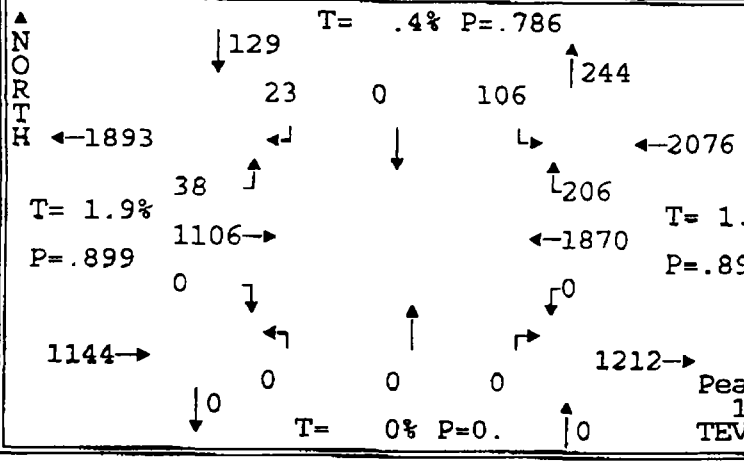
MP01

Peak Hour
12:55-13:55
TEV=3403

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↱	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↴	WEST BOUND ←	WEST BOUND ↰	ALL
12:00-12:05	0	129	1	4	0	5	0	0	0	0	129	4	272
12:05-12:10	0	127	2	2	0	13	0	0	0	0	116	10	270
12:10-12:15	0	127	1	2	0	5	0	0	0	0	146	13	294
12:15-12:20	0	132	5	2	0	17	0	0	0	0	106	6	268
12:20-12:25	0	143	0	0	0	4	0	0	0	0	105	5	257
12:25-12:30	0	110	3	2	0	10	0	0	0	0	132	5	262
12:30-12:35	0	123	2	3	0	9	0	0	0	0	106	11	254
12:35-12:40	0	157	4	2	0	12	0	0	0	0	115	8	298
12:40-12:45	0	156	4	0	0	7	0	0	0	0	115	10	292
12:45-12:50	0	131	1	3	0	17	0	0	0	0	100	8	260
12:50-12:55	0	146	3	1	0	4	0	0	0	0	86	7	247
12:55-13:00	0	135	4	1	0	8	0	0	0	0	144	10	302
13:00-13:05	0	141	2	2	0	13	0	0	0	0	126	7	291
13:05-13:10	0	113	2	1	0	16	0	0	0	0	119	10	261
13:10-13:15	0	129	2	2	0	9	0	0	0	0	135	14	291
13:15-13:20	0	150	1	0	0	5	0	0	0	0	93	5	254
13:20-13:25	0	135	3	5	0	7	0	0	0	0	137	11	298
13:25-13:30	0	147	3	3	0	7	0	0	0	1	116	9	286
13:30-13:35	0	150	1	4	0	6	0	0	0	0	107	10	278
13:35-13:40	0	107	9	4	0	15	0	0	0	0	117	12	264
13:40-13:45	0	154	3	4	0	13	0	0	0	0	115	4	293
13:45-13:50	0	150	5	6	0	22	0	0	0	0	106	6	295
13:50-13:55	0	153	3	1	0	3	0	0	0	0	123	7	290
13:55-14:00	0	130	2	5	0	8	0	0	0	0	115	11	271
Total Survey	0	3275	66	59	0	235	0	0	0	1	2809	203	6648
PHF	0	.91	.56	.59	0	.62	0	0	0	.25	.92	.85	.968
% Trucks	0	.4	0	0	0	0	0	0	0	0	.3	0	.3
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	4	0	0	0	0	0	12	0	
Hourly Totals													
12:00-13:00	0	1616	30	22	0	111	0	0	0	0	1400	97	3276
12:15-13:15	0	1616	32	19	0	126	0	0	0	0	1389	101	3283
12:30-13:30	0	1663	31	23	0	114	0	0	0	1	1392	110	3334
12:45-13:45	0	1638	34	30	0	120	0	0	0	1	1395	107	3325
13:00-14:00	0	1659	36	37	0	124	0	0	0	1	1409	106	3372

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
SCHOLLS FERRY ROAD AT CONESTOGA DRIVE



DATE OF COUNT: 12/07/99
DAY OF WEEK: TUE
TIME STARTED: 16:30
TIME ENDED: 18:30

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

BK21

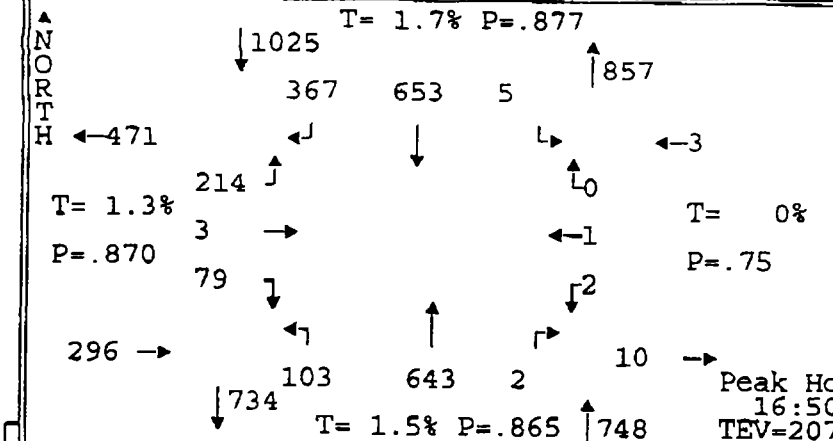
Peak Hour
16:30-17:30
TEV=3349

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:30-16:35	0	112	1	1	0	5	0	0	0	0	159	14	292
16:35-16:40	0	102	7	2	0	5	0	0	0	0	140	12	268
16:40-16:45	0	93	3	1	0	8	0	0	0	0	146	26	277
16:45-16:50	0	88	2	2	0	6	0	0	0	0	170	13	281
16:50-16:55	0	99	2	0	0	9	0	0	0	0	128	12	250
16:55-17:00	0	92	2	2	0	12	0	0	0	0	160	15	283
17:00-17:05	0	93	2	3	0	7	0	0	0	0	158	20	283
17:05-17:10	0	84	4	6	0	10	0	0	0	0	141	15	260
17:10-17:15	0	80	3	1	0	11	0	0	0	0	197	16	308
17:15-17:20	0	78	4	1	0	12	0	0	0	0	155	17	267
17:20-17:25	0	79	6	2	0	13	0	0	0	0	172	23	295
17:25-17:30	0	106	2	2	0	8	0	0	0	0	144	23	285
17:30-17:35	0	84	3	3	0	14	0	0	0	0	134	18	256
17:35-17:40	0	89	3	3	0	3	0	0	0	0	163	18	279
17:40-17:45	0	86	2	2	0	10	0	0	0	0	118	11	229
17:45-17:50	0	100	3	2	0	7	0	0	0	0	161	10	283
17:50-17:55	0	104	5	3	0	7	0	0	0	0	159	15	293
17:55-18:00	0	115	2	1	0	11	0	0	0	0	139	21	289
18:00-18:05	0	118	0	4	0	2	0	0	0	0	138	14	276
18:05-18:10	0	73	2	3	0	11	0	0	0	0	124	17	230
18:10-18:15	0	97	4	2	0	3	0	0	0	0	177	20	303
18:15-18:20	0	104	5	3	0	7	0	0	0	0	149	18	286
18:20-18:25	0	86	5	1	0	9	0	0	0	0	132	19	252
18:25-18:30	0	103	1	3	0	10	0	0	0	0	150	15	282
Total Survey	0	2265	73	53	0	200	0	0	0	0	3614	402	6607
PHF	0	.9	.73	.52	0	.74	0	0	0	0	.89	.82	.962
% Trucks	0	1.9	0	0	0	.5	0	0	0	0	1.1	2.2	1.4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	9	0	0	8	0	0	5	0	0	4	0	
Hourly Totals													
16:30-17:30	0	1106	38	23	0	106	0	0	0	0	1870	206	3349
16:45-17:45	0	1058	35	27	0	115	0	0	0	0	1840	201	3276
17:00-18:00	0	1098	39	29	0	113	0	0	0	0	1841	207	3327
17:15-18:15	0	1129	36	28	0	101	0	0	0	0	1784	207	3285
17:30-18:30	0	1159	35	30	0	94	0	0	0	0	1744	196	3258

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
SCHOLLS FERRY ROAD AT DENNEY ROAD

22795



DATE OF COUNT: 02/29/00
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

PBAW

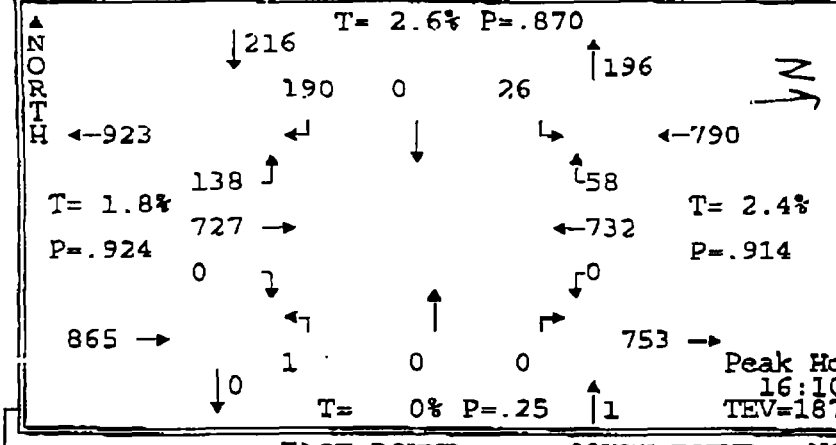
Peak Hour
16:50-17:50
TEV=2072

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↱	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↗	WEST BOUND ↘	WEST BOUND ←	WEST BOUND ↰	ALL
16:00-16:05	6	1	14	24	31	0	9	45	0	0	0	0	130
16:05-16:10	4	0	10	21	38	0	4	38	0	0	0	0	115
16:10-16:15	8	0	18	32	37	1	9	43	0	0	0	0	148
16:15-16:20	5	0	16	30	48	1	8	36	0	0	0	0	144
16:20-16:25	10	0	9	22	43	0	11	37	0	0	0	0	132
16:25-16:30	4	0	18	31	38	0	6	31	0	0	0	0	128
16:30-16:35	7	1	21	26	36	1	8	44	0	1	0	0	145
16:35-16:40	5	0	17	34	74	0	9	44	0	0	0	0	183
16:40-16:45	5	0	10	20	54	0	4	39	0	0	0	0	132
16:45-16:50	6	0	15	26	58	0	7	48	0	0	0	0	160
16:50-16:55	8	0	20	34	48	0	6	49	0	0	0	0	165
16:55-17:00	8	0	14	25	54	1	8	42	0	1	0	0	153
17:00-17:05	12	0	22	30	52	1	10	57	0	0	0	0	184
17:05-17:10	8	1	18	24	55	0	8	45	0	0	0	0	159
17:10-17:15	7	0	17	42	68	0	4	54	0	0	0	0	192
17:15-17:20	7	0	17	42	61	0	19	61	1	0	0	0	208
17:20-17:25	1	1	24	32	41	0	10	55	0	0	0	0	164
17:25-17:30	4	0	21	33	43	1	10	60	0	0	0	0	172
17:30-17:35	10	0	17	22	66	0	4	48	0	1	0	0	168
17:35-17:40	3	0	19	27	65	0	12	56	1	0	0	0	183
17:40-17:45	4	0	12	27	49	1	4	56	0	0	0	0	153
17:45-17:50	7	1	13	29	51	1	8	60	0	0	1	0	171
17:50-17:55	10	0	25	23	44	0	12	43	0	0	0	0	157
17:55-18:00	6	0	12	26	63	0	9	42	0	0	0	0	158
Total Survey	155	5	399	682	1217	8	199	1133	2	3	1	0	3804
PHF	.71	.75	.86	.79	.89	.63	.66	.91	.5	.5	.25	0	.918
% Trucks	1.3	0	1.3	1	2	12.5	1.5	1.5	0	0	0	0	1.6
Stopped Buses	0	0	0	0	0	0	0	2	0	0	0	0	
Peds	0	1	0	0	11	0	0	8	0	0	0	0	
Hourly Totals													
16:00-17:00	76	2	182	325	559	4	89	496	0	2	0	0	1735
16:15-17:15	85	2	197	344	628	4	89	526	0	2	0	0	1877
16:30-17:30	78	3	216	368	644	4	103	598	1	2	0	0	2017
16:45-17:45	78	2	216	364	660	4	102	631	2	2	0	0	2061
17:00-18:00	79	3	217	357	658	4	110	637	2	1	1	0	2069

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
SCHOLLS FERRY ROAD AT LAURELWOOD AVENUE

25461



DATE OF COUNT: 11/15/00
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

DJQB

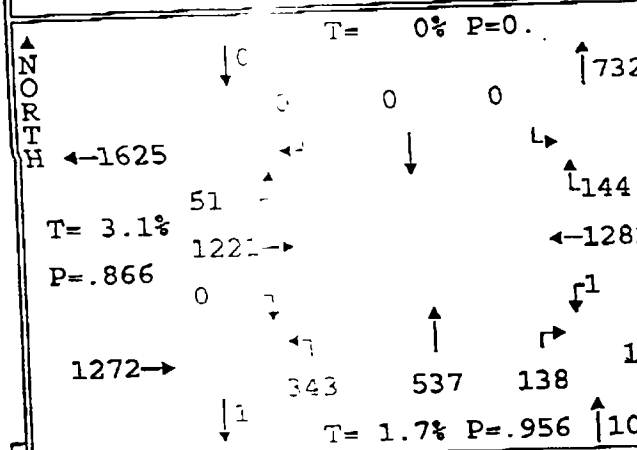
Peak Hour
16:10-17:10
TEV=1872

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↴	WEST BOUND ←	WEST BOUND ↰	ALL
16:00-16:05	0	59	12	20	1	5	1	0	0	0	51	11	160
16:05-16:10	0	60	23	13	0	0	0	0	0	1	62	1	160
16:10-16:15	0	68	10	23	0	2	0	0	0	0	55	2	160
16:15-16:20	0	57	11	14	0	2	0	0	0	0	70	10	164
16:20-16:25	0	58	11	16	0	1	0	0	0	0	66	3	155
16:25-16:30	0	51	14	14	0	1	0	0	0	0	53	5	138
16:30-16:35	0	50	10	18	0	2	0	0	0	0	65	8	153
16:35-16:40	0	61	14	16	0	2	0	0	0	0	50	2	145
16:40-16:45	0	67	9	15	0	2	0	0	0	0	61	3	157
16:45-16:50	0	54	15	10	0	1	0	0	0	0	55	2	137
16:50-16:55	0	59	12	14	0	4	0	0	0	0	58	6	153
16:55-17:00	0	62	12	17	0	4	0	0	0	0	66	5	166
17:00-17:05	0	71	7	19	0	4	1	0	0	0	58	5	165
17:05-17:10	0	69	13	14	0	1	0	0	0	0	75	7	179
17:10-17:15	0	58	10	18	0	1	0	0	0	0	44	6	137
17:15-17:20	0	60	14	10	0	2	0	0	0	0	62	4	152
17:20-17:25	0	43	11	9	0	0	0	0	0	0	63	7	133
17:25-17:30	0	53	13	13	0	1	0	0	0	0	69	4	153
17:30-17:35	0	45	17	23	0	0	0	0	0	0	69	6	160
17:35-17:40	0	54	6	14	1	2	0	0	0	0	56	5	138
17:40-17:45	0	55	8	15	0	4	0	0	0	0	69	10	161
17:45-17:50	0	58	8	18	0	2	0	0	0	0	82	5	173
17:50-17:55	0	50	10	20	0	2	0	0	0	0	66	2	150
17:55-18:00	0	48	8	8	0	4	0	0	0	0	61	11	140
Total Survey	0	1370	278	371	2	49	2	0	0	1	1486	130	3689
PHF	0	.9	.88	.9	0	.54	.25	0	0	0	.92	.81	.917
% Trucks	0	2	1.1	2.4	0	4.1	0	0	0	0	2.4	2.3	2.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	2	0	
Hourly Totals													
16:00-17:00	0	706	153	190	1	26	1	0	0	1	712	58	1848
16:15-17:15	0	717	138	185	0	25	1	0	0	0	721	62	1849
16:30-17:30	0	707	140	173	0	24	1	0	0	0	726	59	1830
16:45-17:45	0	683	138	176	1	24	1	0	0	0	744	67	1834
17:00-18:00	0	664	125	181	1	23	1	0	0	0	774	72	1841

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CANYON RD AT HALL BOULEVARD

21500



DATE OF COUNT: 10/28/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

DLTI

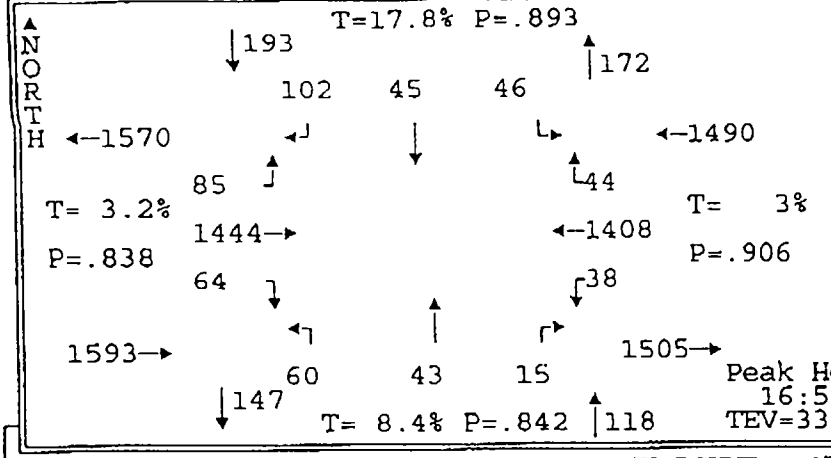
Peak Hour
16:40-17:40
TEV=3717

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↰	ALL
16:00-16:05	0	114	4	0	0	0	17	51	10	0	99	13	308
16:05-16:10	0	89	7	0	0	0	17	31	9	0	131	6	290
16:10-16:15	0	115	5	0	0	0	25	38	11	0	113	10	317
16:15-16:20	0	91	6	0	0	0	40	36	19	0	118	9	319
16:20-16:25	0	93	3	0	0	0	17	28	9	0	104	11	265
16:25-16:30	0	102	2	0	0	0	30	37	9	0	102	16	298
16:30-16:35	0	106	1	0	0	0	16	25	7	0	114	9	278
16:35-16:40	0	91	9	0	0	0	25	35	7	0	96	11	274
16:40-16:45	0	106	5	0	0	0	33	43	12	0	114	9	322
16:45-16:50	0	84	2	0	0	0	30	42	13	0	128	11	310
16:50-16:55	0	74	4	0	0	0	25	32	10	0	119	13	277
16:55-17:00	0	89	4	0	0	0	25	56	12	0	98	13	297
17:00-17:05	0	108	4	0	0	0	25	44	9	0	97	9	296
17:05-17:10	0	129	0	0	0	0	33	51	11	0	106	13	343
17:10-17:15	0	121	3	0	0	0	30	51	12	0	106	10	333
17:15-17:20	0	111	3	0	0	0	24	41	9	0	107	11	306
17:20-17:25	0	104	8	0	0	0	34	45	15	0	91	10	307
17:25-17:30	0	105	6	0	0	0	30	51	12	1	107	18	330
17:30-17:35	0	84	7	0	0	0	28	36	15	0	118	15	303
17:35-17:40	0	106	5	0	0	0	26	45	8	0	91	12	293
17:40-17:45	0	121	6	0	0	0	16	38	11	0	104	8	304
17:45-17:50	0	96	7	0	0	0	25	50	9	0	108	8	303
17:50-17:55	0	112	6	0	0	0	20	33	5	0	87	13	276
17:55-18:00	0	112	3	0	0	0	22	44	12	0	111	7	311
Total Survey	0	2463	110	0	0	0	613	983	256	1	2569	265	7260
PHF	0	.85	.61	0	0	0	.93	.89	.82	.25	.89	.8	.946
% Trucks	0	3.2	.9	0	0	0	1.8	.9	4.7	0	3.5	.4	2.8
Stopped Buses	0	0	0	0	0	0	0	0	0	0	3	0	
Peds	0	9	0	0	3	0	0	28	0	0	9	0	
Hourly Totals													
16:00-17:00	0	1154	52	0	0	0	300	454	128	0	1336	131	3551
16:15-17:15	0	1194	43	0	0	0	329	480	130	0	1302	134	3611
16:30-17:30	0	1228	49	0	0	0	330	516	129	1	1283	137	3673
16:45-17:45	0	1236	52	0	0	0	326	532	137	1	1272	143	3699
17:00-18:00	0	1309	58	0	0	0	313	529	128	1	1233	134	3705

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
LOMBARD AVENUE AT CANYON ROAD

13127



DATE OF COUNT: 04/24/98
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

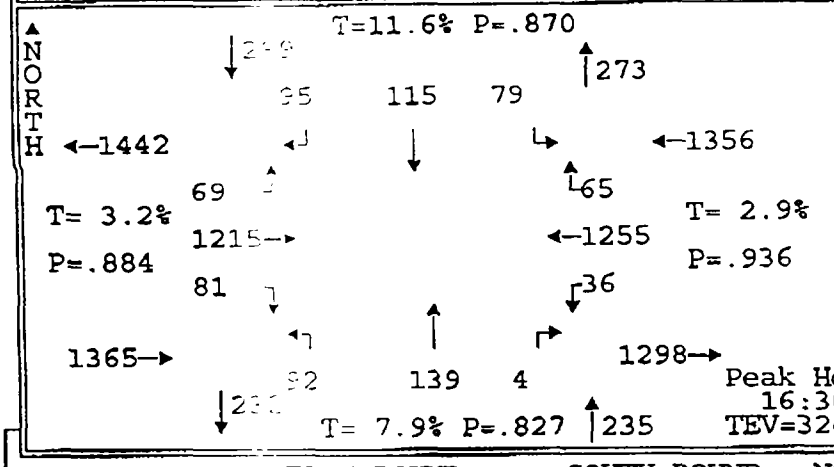
Peak Hour
16:55-17:55
TEV=3394

Traffic Smithy
Traffic Survey Service

TIME PERIOD FROM - TO	EAST BOUND R	EAST BOUND T	SOUTH BOUND L	SOUTH BOUND R	NORTH BOUND T	NORTH BOUND L	NORTH BOUND T	WEST BOUND R	WEST BOUND L	WEST BOUND T	WEST BOUND R	ALL
16:00-16:05	1	88	8	4	7	9	10	1	3	4	102	4	241
16:05-16:10	4	117	2	7	3	2	7	0	0	2	114	2	260
16:10-16:15	6	124	4	5	2	4	9	2	4	4	108	3	275
16:15-16:20	2	130	6	19	8	6	7	2	0	1	91	1	273
16:20-16:25	6	98	8	10	0	2	6	6	1	5	113	12	267
16:25-16:30	5	106	8	10	4	5	7	4	0	4	111	4	268
16:30-16:35	7	120	2	11	6	6	6	5	2	2	118	3	288
16:35-16:40	6	90	6	7	4	6	9	7	3	0	109	2	249
16:40-16:45	5	96	7	10	8	4	6	5	0	3	105	3	252
16:45-16:50	5	99	3	13	3	3	4	0	2	4	133	6	275
16:50-16:55	3	144	9	9	3	7	6	1	0	5	117	2	306
16:55-17:00	5	97	4	7	4	1	5	6	3	6	108	2	248
17:00-17:05	5	109	6	8	2	6	6	4	0	4	125	3	278
17:05-17:10	4	97	4	9	0	6	5	2	1	2	113	5	248
17:10-17:15	7	113	6	6	3	1	7	7	0	0	120	3	273
17:15-17:20	3	132	10	8	7	6	7	3	1	7	108	7	299
17:20-17:25	5	115	6	8	4	3	7	2	1	2	131	4	288
17:25-17:30	6	100	10	6	2	3	3	3	1	6	87	4	231
17:30-17:35	1	136	6	10	8	6	3	3	5	0	99	2	279
17:35-17:40	7	121	3	11	2	4	6	5	0	2	123	6	290
17:40-17:45	9	147	13	8	4	1	8	3	2	2	115	1	313
17:45-17:50	3	131	7	10	5	6	2	5	0	3	151	4	327
17:50-17:55	9	146	10	11	4	3	1	0	1	4	128	3	320
17:55-18:00	3	111	6	6	2	2	4	2	0	1	98	0	235
Total Survey	117	2767	154	213	95	102	141	78	30	73	2727	86	6583
PHF	.76	.85	.71	.88	.8	.88	.71	.83	.54	.63	.89	.73	.883
% Trucks	1.7	2.4	18.2	18.8	17.9	15.7	1.4	24.4	0	0	2.6	19.8	4.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	8	0	0	38	0	0	44	0	0	19	0	
Hourly Totals													
16:00-17:00	55	1309	67	112	52	55	82	39	18	40	1329	44	3202
16:15-17:15	60	1299	69	119	45	53	74	49	12	36	1363	46	3225
16:30-17:30	61	1312	73	102	46	52	71	45	14	41	1374	44	3235
16:45-17:45	60	1410	80	103	42	47	67	39	16	40	1379	45	3328
17:00-18:00	62	1458	87	101	43	47	59	39	12	33	1398	42	3381

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CANYON ROAD AT LOMBARD AVENUE

21413



DATE OF COUNT: 10/21/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

djhf

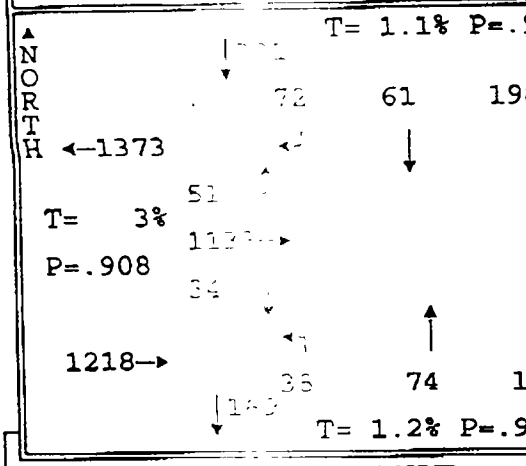
Peak Hour
16:30-17:30
TEV=3245

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	7	91	6	9	10	7	9	5	0	3	83	5	235
16:05-16:10	10	101	6	3	9	4	10	8	5	6	101	8	271
16:10-16:15	3	78	3	13	2	3	10	6	2	6	108	5	239
16:15-16:20	13	77	9	5	7	2	8	18	0	3	107	6	255
16:20-16:25	7	86	6	7	10	4	9	12	3	2	105	4	255
16:25-16:30	5	61	5	8	8	4	7	24	3	4	108	2	239
16:30-16:35	6	95	3	7	8	8	11	3	0	6	110	9	266
16:35-16:40	6	114	9	5	13	9	12	10	0	1	95	7	281
16:40-16:45	10	83	9	8	4	11	5	13	0	7	92	3	245
16:45-16:50	6	108	8	12	10	11	16	15	0	3	99	8	296
16:50-16:55	9	110	4	8	7	4	7	9	0	2	114	5	279
16:55-17:00	4	73	6	4	7	5	6	8	3	2	106	6	230
17:00-17:05	5	86	4	11	12	6	5	16	1	1	118	8	273
17:05-17:10	8	116	6	5	9	3	9	10	0	1	95	1	263
17:10-17:15	8	113	4	8	10	3	5	12	0	4	121	6	294
17:15-17:20	6	115	7	9	11	4	10	10	0	1	84	6	263
17:20-17:25	6	121	6	9	13	9	3	17	0	3	113	3	303
17:25-17:30	7	81	3	9	11	6	3	16	0	5	108	3	252
17:30-17:35	3	87	6	9	12	4	9	14	1	0	101	9	255
17:35-17:40	4	72	6	5	5	5	3	9	0	1	105	5	220
17:40-17:45	5	111	7	9	9	2	8	3	0	3	109	4	270
17:45-17:50	8	101	7	12	8	5	7	11	0	0	106	6	271
17:50-17:55	2	105	6	9	7	9	1	15	3	3	82	7	249
17:55-18:00	3	99	10	12	9	7	3	8	1	2	89	9	252
Total Survey	151	2284	146	196	211	135	176	272	22	69	2459	135	6256
PHF	.81	.87	.66	.85	.82	.64	.7	.81	.25	.64	.93	.86	.943
% Trucks	1.3	2.4	18.5	14.8	10	9.6	2.8	11.8	0	0	2.5	11.9	4.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	17	0	0	23	0	0	105	0	0	12	0	
Hourly Totals													
16:00-17:00	86	1077	74	89	95	72	110	131	16	45	1228	68	3091
16:15-17:15	87	1122	73	88	105	70	100	150	10	36	1270	65	3176
16:30-17:30	81	1215	69	95	115	79	92	139	4	36	1255	65	3245
16:45-17:45	71	1193	67	98	116	62	84	139	5	26	1273	64	3198
17:00-18:00	65	1207	72	107	116	63	66	141	6	24	1231	67	3165

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CANYON ROAD AT 117TH AVENUE/BROADWAY

21411



DATE OF COUNT: 10/21/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

Peak Hour
16:35-17:35
TEV=3342

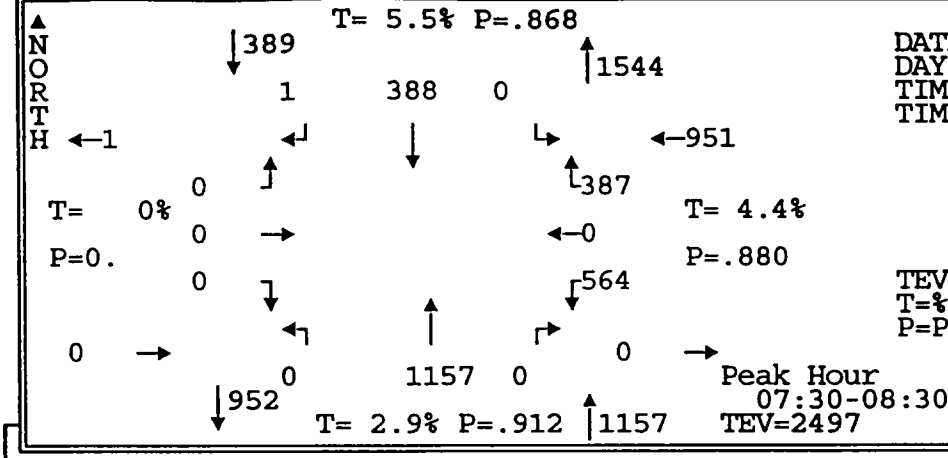
Traffic Smithy
(503) 641-6333

erys

TIME PERIOD FROM - TO	EAST BOUND			SOUTH BOUND			NORTH BOUND			WEST BOUND			ALL
16:00-16:05	4	72	6	2	3	19	1	5	8	2	85	15	222
16:05-16:10	3	84	3	5	4	21	3	8	17	2	80	26	256
16:10-16:15	5	93	4	8	2	19	6	2	5	13	103	24	284
16:15-16:20	3	90	4	7	7	22	5	4	15	7	104	20	288
16:20-16:25	1	75	2	6	4	10	4	4	14	4	105	20	249
16:25-16:30	3	85	4	4	7	12	2	5	9	12	100	29	272
16:30-16:35	1	66	6	5	6	13	5	10	9	3	105	20	249
16:35-16:40	3	91	4	5	6	16	3	8	5	10	110	14	275
16:40-16:45	4	103	2	5	5	18	1	4	15	7	103	21	288
16:45-16:50	2	106	5	7	11	18	3	4	9	4	92	19	280
16:50-16:55	1	92	6	4	2	16	5	5	10	4	97	21	263
16:55-17:00	4	90	5	6	5	16	4	10	5	8	115	25	293
17:00-17:05	6	75	3	4	3	18	3	9	8	8	105	16	258
17:05-17:10	1	80	5	8	7	10	3	5	11	7	121	24	282
17:10-17:15	1	87	6	8	5	21	3	3	9	2	89	21	255
17:15-17:20	1	97	4	6	4	17	2	6	6	10	122	18	293
17:20-17:25	4	109	1	6	3	14	4	7	12	3	93	20	276
17:25-17:30	1	111	7	6	6	14	3	5	7	6	110	17	293
17:30-17:35	6	92	3	7	4	20	4	8	5	5	106	26	286
17:35-17:40	6	75	5	8	8	22	1	5	10	5	98	22	265
17:40-17:45	3	63	3	4	10	22	2	5	9	5	107	20	253
17:45-17:50	3	82	5	7	10	15	4	9	10	5	110	20	280
17:50-17:55	4	90	5	9	6	26	2	1	10	7	99	27	286
17:55-18:00	3	115	6	7	4	25	4	4	3	6	85	15	277
Total Survey	73	2123	104	144	132	424	77	136	221	145	2444	500	6523
PHF	.77	.89	.8	.82	.69	.95	.79	.77	.75	.8	.93	.93	.969
% Trucks	0	3	3.8	3.5	0	.7	1.3	1.5	.9	.7	2.7	.6	2.3
Stopped Buses	0	2	0	0	1	0	0	0	0	0	0	0	
Peds	0	17	0	0	35	0	0	27	0	0	16	0	
Hourly Totals													
16:00-17:00	34	1047	51	64	62	200	42	69	121	76	1199	254	3219
16:15-17:15	30	1040	52	69	68	190	41	71	119	76	1246	250	3252
16:30-17:30	29	1107	54	70	63	191	39	76	106	72	1262	236	3305
16:45-17:45	36	1077	53	74	68	208	37	72	101	67	1255	249	3297
17:00-18:00	39	1076	53	80	70	224	35	67	100	69	1245	246	3304

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
SCHOLLS FERRY ROAD AT HIGHWAY 217 NORTHBOUND OFF RAMP

19268



DATE OF COUNT: 04/14/99
DAY OF WEEK: Wed
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

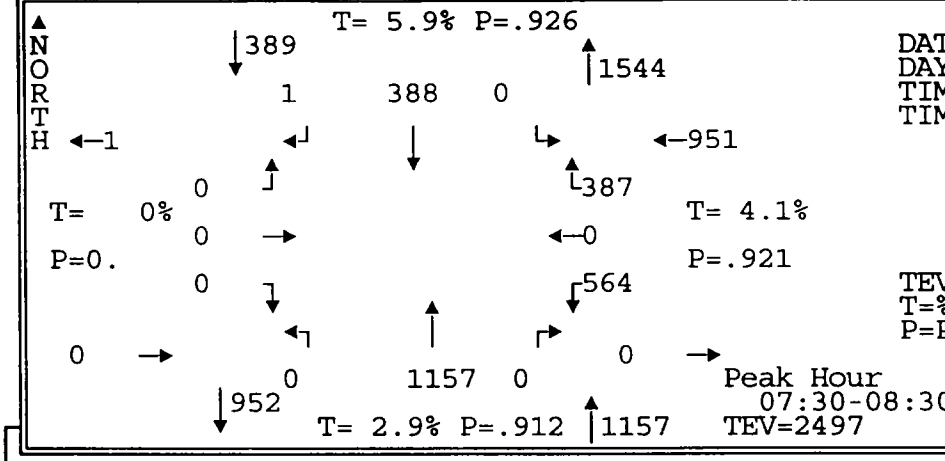
GHMT

Peak Hour
07:30-08:30

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
07:00-07:05	0	0	0	0	17	0	0	84	0	35	0	18	154
07:05-07:10	0	0	0	1	21	0	0	103	0	38	0	12	175
07:10-07:15	0	0	0	0	14	0	0	116	0	28	0	18	176
07:15-07:20	0	0	0	0	21	0	0	95	0	27	0	22	165
07:20-07:25	0	0	0	0	12	0	0	133	0	32	0	25	202
07:25-07:30	0	0	0	0	18	0	0	128	0	30	0	39	215
07:30-07:35	0	0	0	0	22	0	0	118	0	39	0	30	209
07:35-07:40	0	0	0	0	35	0	0	109	0	52	0	28	224
07:40-07:45	0	0	0	0	34	0	0	90	0	30	0	31	185
07:45-07:50	0	0	0	0	30	0	0	107	0	42	0	27	206
07:50-07:55	0	0	0	0	30	0	0	103	0	54	0	46	233
07:55-08:00	0	0	0	1	44	0	0	78	0	48	0	35	206
08:00-08:05	0	0	0	0	21	0	0	85	0	56	0	31	193
08:05-08:10	0	0	0	0	22	0	0	104	0	55	0	32	213
08:10-08:15	0	0	0	0	47	0	0	59	0	50	0	34	190
08:15-08:20	0	0	0	0	33	0	0	94	0	36	0	32	195
08:20-08:25	0	0	0	0	32	0	0	91	0	53	0	26	202
08:25-08:30	0	0	0	0	38	0	0	119	0	49	0	35	241
08:30-08:35	0	0	0	1	30	0	0	72	0	44	0	24	171
08:35-08:40	0	0	0	0	35	0	0	93	0	39	0	19	186
08:40-08:45	0	0	0	0	30	0	0	81	0	41	0	29	181
08:45-08:50	0	0	0	0	28	0	0	92	0	42	0	31	193
08:50-08:55	0	0	0	0	45	0	0	80	0	50	0	32	207
08:55-09:00	0	0	0	0	29	0	0	68	0	38	0	27	162
Total Survey	0	0	0	3	688	0	0	2302	0	1008	0	683	4684
PHF	0	0	0	.25	.87	0	0	.91	0	.88	0	.86	.967
% Trucks	0	0	0	0	5.5	0	0	2.9	0	4.8	0	3.8	3.8
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	2	0	0	0	0	
Hourly Totals													
07:00-08:00	0	0	0	2	298	0	0	1264	0	455	0	331	2350
07:15-08:15	0	0	0	1	336	0	0	1209	0	515	0	380	2441
07:30-08:30	0	0	0	1	388	0	0	1157	0	564	0	387	2497
07:45-08:45	0	0	0	2	392	0	0	1086	0	567	0	370	2417
08:00-09:00	0	0	0	1	390	0	0	1038	0	553	0	352	2334

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
SCHOLLS FERRY ROAD AT HIGHWAY 217 NORTHBOUND OFF RAMP



DATE OF COUNT: 04/14/99
DAY OF WEEK: Wed
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

GHMT

Peak Hour
07:30-08:30
TEV=2497

Traffic Smithy
(503)641-6333

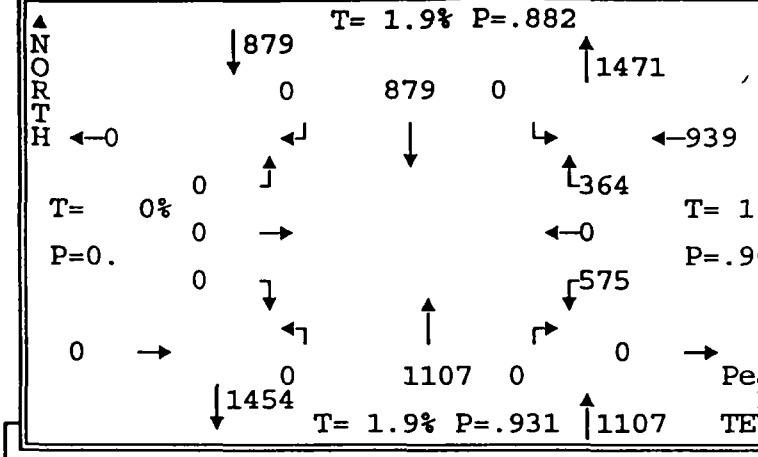
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
07:30-07:45	0	0	0	0	91	0	0	317	0	121	0	89	618
07:45-08:00	0	0	0	1	104	0	0	288	0	144	0	108	645
08:00-08:15	0	0	0	0	90	0	0	248	0	161	0	97	596
08:15-08:30	0	0	0	0	103	0	0	304	0	138	0	93	638
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
07:30-07:45	0	0	0	0	5	0	0	6	0	3	0	4	18
07:45-08:00	0	0	0	0	2	0	0	6	0	3	0	0	11
08:00-08:15	0	0	0	0	6	0	0	6	0	5	0	1	18
08:15-08:30	0	0	0	0	4	0	0	6	0	5	0	7	22
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
07:30-07:45	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45-08:00	0	0	0	0	1	0	0	5	0	1	0	0	7
08:00-08:15	0	0	0	0	1	0	0	0	0	2	0	0	3
08:15-08:30	0	0	0	0	3	0	0	1	0	1	0	0	5
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
07:30-07:45	0	0	0	0	0	0	0	0	0	1	0	1	2
07:45-08:00	0	0	0	0	0	0	0	0	0	2	0	0	2
08:00-08:15	0	0	0	0	0	0	0	2	0	2	0	1	5
08:15-08:30	0	0	0	0	1	0	0	1	0	0	0	0	2
BICYCLES													
07:30-07:45	0	0	0	0	0	0	0	1	0	0	0	0	1
07:45-08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00-08:15	0	0	0	0	1	0	0	0	0	0	0	0	1
08:15-08:30	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
07:30-07:45	0	0	0	0	0
07:45-08:00	0	0	0	0	0
08:00-08:15	0	0	0	0	0
08:15-08:30	0	0	0	0	0

Peak Hour by Movement													
PHF	0	0	0	.25	.93	0	0	.91	0	.88	0	.9	.967
% Trucks(all)	0	0	0	0	5.9	0	0	2.9	0	4.4	0	3.6	3.8
% Trucks(M+H)	0	0	0	0	1.5	0	0	.8	0	1.6	0	.5	1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	0	0	0	2	298	0	0	1264	0	455	0	331	2350
07:15-08:15	0	0	0	1	336	0	0	1209	0	515	0	380	2441
07:30-08:30	0	0	0	1	388	0	0	1157	0	564	0	387	2497
07:45-08:45	0	0	0	2	392	0	0	1086	0	567	0	370	2417
08:00-09:00	0	0	0	1	390	0	0	1038	0	553	0	352	2334

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
SCHOLLS FERRY ROAD AT HIGHWAY 217 NORTHBOUND OFF RAMP

19269



DATE OF COUNT: 04/14/99
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

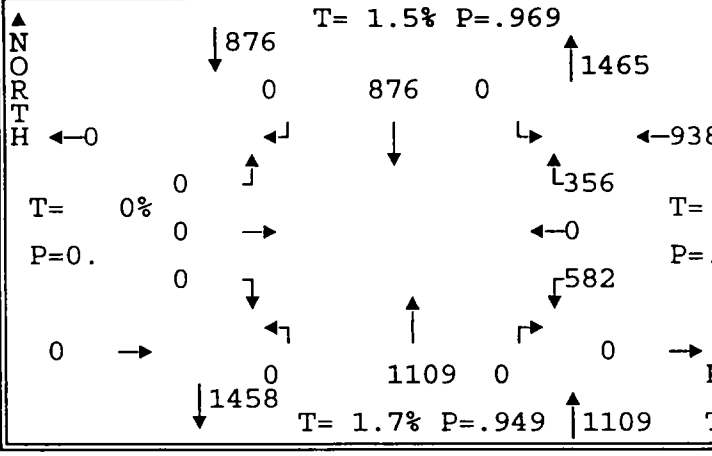
DJCC

Peak Hour
16:35-17:35
TEV=2925

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	WEST BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	0	0	0	0	74	6	0	91	0	53	0	23	247
16:05-16:10	0	0	0	0	74	0	0	75	0	47	0	35	231
16:10-16:15	0	0	0	0	52	0	0	86	0	43	0	38	219
16:15-16:20	0	0	0	0	55	0	0	97	0	41	0	28	221
16:20-16:25	0	0	0	0	55	0	0	75	0	56	0	33	219
16:25-16:30	0	0	0	0	68	0	0	72	0	44	0	36	220
16:30-16:35	0	0	0	0	65	0	0	98	0	50	0	19	232
16:35-16:40	0	0	0	0	82	0	0	87	0	55	0	19	243
16:40-16:45	0	0	0	0	77	0	0	74	0	54	0	33	238
16:45-16:50	0	0	0	0	90	0	0	94	0	55	0	37	276
16:50-16:55	0	0	0	0	62	0	0	95	0	43	0	38	238
16:55-17:00	0	0	0	0	74	0	0	80	0	43	0	22	219
17:00-17:05	0	0	0	0	67	0	0	97	0	48	0	35	247
17:05-17:10	0	0	0	0	79	0	0	99	0	43	0	27	248
17:10-17:15	0	0	0	0	58	0	0	96	0	57	0	42	253
17:15-17:20	0	0	0	0	79	0	0	102	0	46	0	33	260
17:20-17:25	0	0	0	0	69	0	0	95	0	51	0	19	234
17:25-17:30	0	0	0	0	74	0	0	92	0	37	0	32	235
17:30-17:35	0	0	0	0	68	0	0	96	0	43	0	27	234
17:35-17:40	0	0	0	0	56	0	0	85	0	54	0	30	225
17:40-17:45	0	0	0	0	63	0	0	100	0	51	0	21	235
17:45-17:50	0	0	0	0	66	0	0	84	0	45	0	33	228
17:50-17:55	0	0	0	0	67	0	0	105	0	44	0	42	258
17:55-18:00	0	0	0	0	56	0	0	99	0	49	0	45	249
Total Survey	0	0	0	0	1630	6	0	2174	0	1152	0	747	5709
PHF	0	0	0	0	.88	0	0	.93	0	.88	0	.84	.960
% Trucks	0	0	0	0	1.9	0	0	1.9	0	2.1	0	.5	1.8
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	1	0	0	0	0	
Hourly Totals													
16:00-17:00	0	0	0	0	828	6	0	1024	0	584	0	361	2803
16:15-17:15	0	0	0	0	832	0	0	1064	0	589	0	369	2854
16:30-17:30	0	0	0	0	876	0	0	1109	0	582	0	356	2923
16:45-17:45	0	0	0	0	839	0	0	1131	0	571	0	363	2904
17:00-18:00	0	0	0	0	802	0	0	1150	0	568	0	386	2906

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
SCHOLLS FERRY ROAD AT HIGHWAY 217 NORTHBOUND OFF RAMP



DATE OF COUNT: 04/14/99
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

DJCC

Peak Hour
16:30-17:30
TEV=2923

Traffic Smithy
(503)641-6333

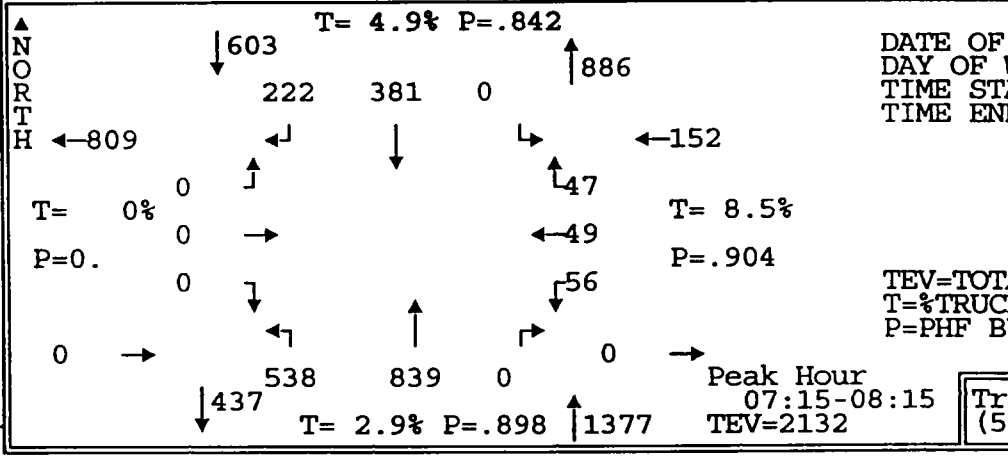
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
16:30-16:45	0	0	0	0	224	0	0	259	0	159	0	71	713
16:45-17:00	0	0	0	0	226	0	0	269	0	141	0	97	733
17:00-17:15	0	0	0	0	204	0	0	292	0	148	0	104	748
17:15-17:30	0	0	0	0	222	0	0	289	0	134	0	84	729
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
16:30-16:45	0	0	0	0	4	0	0	2	0	1	0	0	7
16:45-17:00	0	0	0	0	2	0	0	7	0	3	0	1	13
17:00-17:15	0	0	0	0	2	0	0	4	0	2	0	0	8
17:15-17:30	0	0	0	0	4	0	0	3	0	1	0	0	8
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
16:30-16:45	0	0	0	0	0	0	0	0	0	0	0	1	1
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	1	0	0	0	0	0	0	0	1
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
16:30-16:45	0	0	0	0	0	0	0	1	0	1	0	0	2
16:45-17:00	0	0	0	0	0	0	0	2	0	0	0	1	3
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	1	0	0	1
BICYCLES													
16:30-16:45	0	0	0	0	1	0	0	0	0	0	0	0	1
16:45-17:00	0	0	0	0	1	0	0	0	0	0	0	0	1
17:00-17:15	0	0	0	0	1	0	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	2	0	0	0	0	2

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
16:30-16:45	0	0	0	0	0
16:45-17:00	0	0	0	0	0
17:00-17:15	0	0	1	0	1
17:15-17:30	0	0	0	0	0

Peak Hour by Movement													
PHF	0	0	0	0	.97	0	0	.95	0	.92	0	.86	.976
% Trucks(all)	0	0	0	0	1.5	0	0	1.7	0	1.5	0	.8	1.5
% Trucks(M+H)	0	0	0	0	.1	0	0	.3	0	.3	0	.6	.3
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	0	0	0	0	828	6	0	1024	0	584	0	361	2803
16:15-17:15	0	0	0	0	832	0	0	1064	0	589	0	369	2854
16:30-17:30	0	0	0	0	876	0	0	1109	0	582	0	356	2923
16:45-17:45	0	0	0	0	839	0	0	1131	0	571	0	363	2904
17:00-18:00	0	0	0	0	802	0	0	1150	0	568	0	386	2906

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
SCHOLLS FERRY ROAD AT HIGHWAY 217 NORTHBOUND ON RAMP 19204



DATE OF COUNT: 04/15/99
DAY OF WEEK: Thu
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

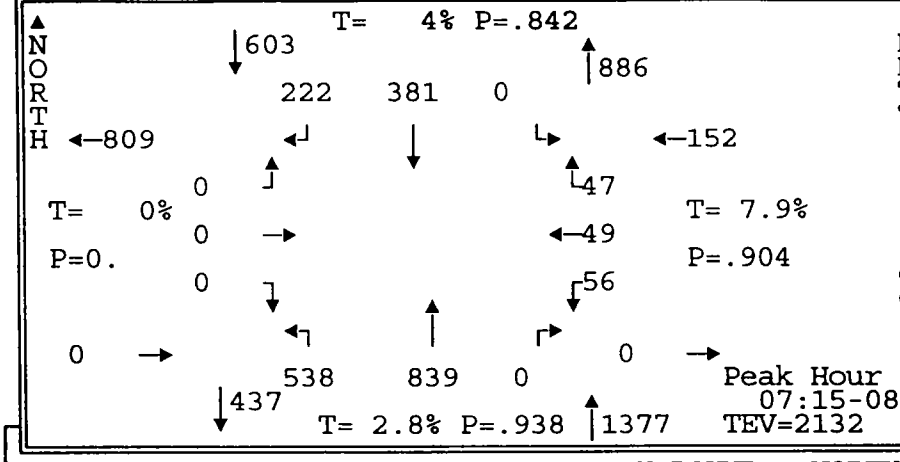
DLND

Peak Hour
07:15-08:15

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
07:00-07:05	0	0	0	13	16	0	31	47	0	2	2	2	113
07:05-07:10	0	0	0	16	14	0	41	64	0	2	4	3	144
07:10-07:15	0	0	0	29	29	0	39	55	0	6	5	1	164
07:15-07:20	0	0	0	17	30	0	55	72	0	6	7	4	191
07:20-07:25	0	0	0	6	24	0	49	67	0	3	6	3	158
07:25-07:30	0	0	0	18	20	0	60	64	0	7	2	4	175
07:30-07:35	0	0	0	26	24	0	48	76	0	9	2	2	187
07:35-07:40	0	0	0	15	25	0	58	77	0	2	4	3	184
07:40-07:45	0	0	0	21	33	0	31	59	0	5	2	6	157
07:45-07:50	0	0	0	17	40	0	56	79	0	4	2	3	201
07:50-07:55	0	0	0	22	26	0	28	55	0	2	5	5	143
07:55-08:00	0	0	0	18	42	0	48	85	0	1	8	3	205
08:00-08:05	0	0	0	22	29	0	24	55	0	7	4	6	147
08:05-08:10	0	0	0	14	45	0	51	71	0	5	5	2	193
08:10-08:15	0	0	0	26	43	0	30	79	0	5	2	6	191
08:15-08:20	0	0	0	22	36	0	45	61	0	4	2	3	173
08:20-08:25	0	0	0	16	40	0	37	59	0	1	4	4	161
08:25-08:30	0	0	0	16	29	0	35	65	0	5	3	1	154
08:30-08:35	0	0	0	21	36	0	58	74	0	4	7	2	202
08:35-08:40	0	0	0	27	33	0	32	60	0	6	2	5	165
08:40-08:45	0	0	0	29	24	0	40	53	0	5	6	8	165
08:45-08:50	0	0	0	16	21	0	55	46	0	6	5	4	153
08:50-08:55	0	0	0	22	33	0	47	54	0	3	3	4	166
08:55-09:00	0	0	0	26	33	0	33	36	0	4	3	1	136
Total Survey	0	0	0	475	725	0	1031	1513	0	104	95	85	4028
PHF	0	0	0	.9	.81	0	.81	.96	0	.74	.72	.84	.970
% Trucks	0	0	0	5.7	4.4	0	2.3	3.3	0	12.5	5.3	7.1	3.9
Stopped Buses	0	0	0	0	0	0	0	8	0	0	0	0	
Peds	0	45	0	0	0	0	0	11	0	0	3	0	
Hourly Totals													
07:00-08:00	0	0	0	218	323	0	544	800	0	49	49	39	2022
07:15-08:15	0	0	0	222	381	0	538	839	0	56	49	47	2132
07:30-08:30	0	0	0	235	412	0	491	821	0	50	43	44	2096
07:45-08:45	0	0	0	250	423	0	484	796	0	49	50	48	2100
08:00-09:00	0	0	0	257	402	0	487	713	0	55	46	46	2006

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
SCHOLLS FERRY ROAD AT HIGHWAY 217 NORTHBOUND ON RAMP



DATE OF COUNT: 04/15/99
DAY OF WEEK: Thu
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

DLND

Peak Hour
07:15-08:15
TEV=2132

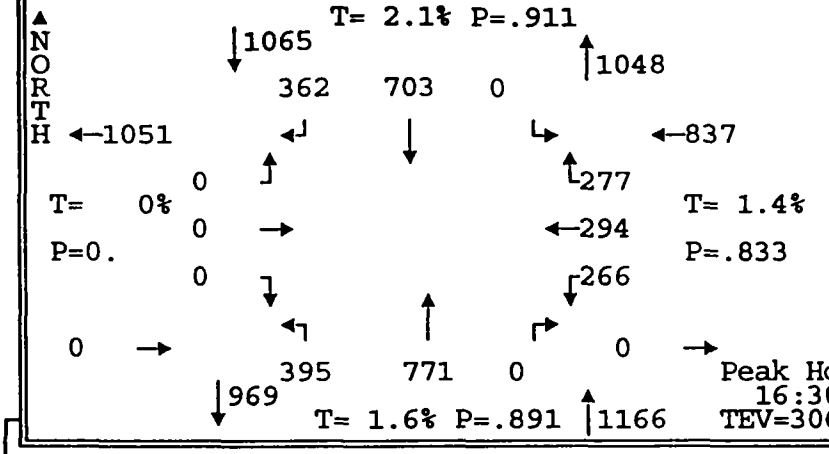
Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
07:15-07:30	0	0	0	41	74	0	164	203	0	16	15	11	524
07:30-07:45	0	0	0	62	82	0	137	212	0	16	8	11	528
07:45-08:00	0	0	0	57	108	0	132	219	0	7	15	11	549
08:00-08:15	0	0	0	62	117	0	105	205	0	17	11	14	531
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
07:15-07:30	0	0	0	1	1	0	2	4	0	1	1	2	12
07:30-07:45	0	0	0	3	5	0	1	6	0	1	0	0	16
07:45-08:00	0	0	0	1	2	0	3	3	0	2	1	1	13
08:00-08:15	0	0	0	0	3	0	0	7	0	3	0	0	13
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
07:15-07:30	0	0	0	1	1	0	0	0	0	0	0	0	2
07:30-07:45	0	0	0	0	2	0	1	0	0	0	0	0	3
07:45-08:00	0	0	0	0	0	0	0	2	0	0	0	0	2
08:00-08:15	0	0	0	1	0	0	1	4	0	0	0	0	6
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
07:15-07:30	0	0	0	0	0	0	1	0	0	0	0	0	1
07:30-07:45	0	0	0	0	0	0	0	1	0	0	0	0	1
07:45-08:00	0	0	0	1	0	0	0	2	0	0	0	0	3
08:00-08:15	0	0	0	1	1	0	0	1	0	0	0	0	3
BICYCLES													
07:15-07:30	0	0	0	0	1	0	0	0	0	0	0	0	1
07:30-07:45	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45-08:00	0	0	0	0	1	0	0	0	0	0	0	0	1
08:00-08:15	0	0	0	0	1	0	0	0	0	0	0	0	1

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
07:15-07:30	9	0	2	0	11
07:30-07:45	7	0	0	0	7
07:45-08:00	4	0	2	1	7
08:00-08:15	5	0	1	1	7

Peak Hour by Movement													
PHF	0	0	0	.9	.81	0	.82	.96	0	.82	.82	.84	.970
% Trucks(all)	0	0	0	4.1	3.9	0	1.7	3.6	0	12.5	4.1	6.4	3.5
% Trucks(M+H)	0	0	0	1.8	1	0	.6	1.2	0	0	0	0	1
Stopped Buses	0	0	0	0	0	0	0	6	0	0	0	0	
Hourly Totals													
07:00-08:00	0	0	0	218	323	0	544	800	0	49	49	39	2022
07:15-08:15	0	0	0	222	381	0	538	839	0	56	49	47	2132
07:30-08:30	0	0	0	235	412	0	491	821	0	50	43	44	2096
07:45-08:45	0	0	0	250	423	0	484	796	0	49	50	48	2100
08:00-09:00	0	0	0	257	402	0	487	713	0	55	46	46	2006

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
SCHOLLS FERRY ROAD AT HIGHWAY 217 NORTHBOUND ON RAMP 19270



DATE OF COUNT: 04/14/99
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

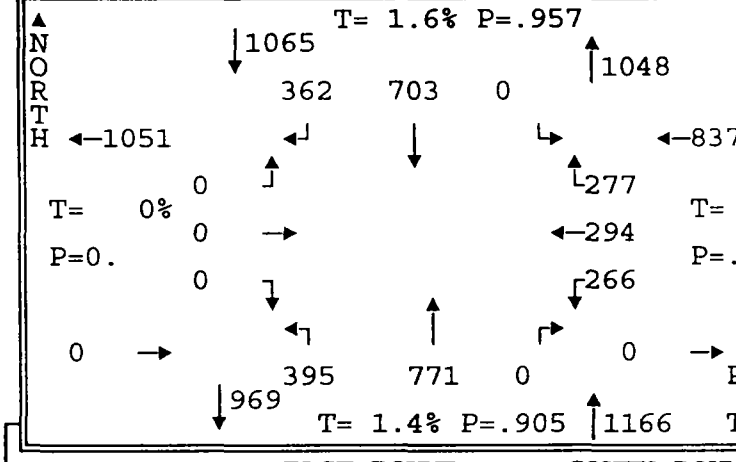
DLNC

Peak Hour
16:30-17:30
TEV=3068

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	0	0	0	27	65	0	35	53	0	20	24	12	236
16:05-16:10	0	0	0	23	48	0	24	62	0	25	21	14	217
16:10-16:15	0	0	0	28	55	0	31	67	0	17	18	17	233
16:15-16:20	0	0	0	24	41	0	28	75	0	17	23	24	232
16:20-16:25	0	0	0	32	45	0	39	50	0	19	30	14	229
16:25-16:30	0	0	0	24	51	0	24	63	0	31	14	13	220
16:30-16:35	0	0	0	22	62	0	41	45	0	15	27	10	222
16:35-16:40	0	0	0	20	61	0	33	57	0	27	24	19	241
16:40-16:45	0	0	0	37	70	0	18	50	0	28	24	19	246
16:45-16:50	0	0	0	23	66	0	42	66	0	21	17	26	261
16:50-16:55	0	0	0	31	65	0	34	69	0	17	19	16	251
16:55-17:00	0	0	0	28	41	0	33	46	0	31	22	16	217
17:00-17:05	0	0	0	41	60	0	36	75	0	24	36	18	290
17:05-17:10	0	0	0	37	44	0	32	76	0	25	25	33	272
17:10-17:15	0	0	0	34	62	0	21	82	0	17	24	42	282
17:15-17:20	0	0	0	34	69	0	38	78	0	21	28	36	304
17:20-17:25	0	0	0	26	46	0	34	58	0	22	28	29	243
17:25-17:30	0	0	0	29	57	0	33	69	0	18	20	13	239
17:30-17:35	0	0	0	16	47	0	35	58	0	16	20	19	211
17:35-17:40	0	0	0	22	60	0	37	60	0	18	19	18	234
17:40-17:45	0	0	0	31	48	0	40	61	0	20	22	12	234
17:45-17:50	0	0	0	27	59	0	27	61	0	18	20	19	231
17:50-17:55	0	0	0	33	54	0	34	77	0	18	19	12	247
17:55-18:00	0	0	0	28	57	0	28	53	0	21	21	12	220
Total Survey	0	0	0	677	1333	0	777	1511	0	506	545	463	5812
PHF	0	0	0	.81	.87	0	.91	.82	0	.83	.86	.62	.893
% Trucks	0	0	0	2.4	2	0	3.1	.8	0	2.6	.2	1.5	1.7
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	2	0	0	4	0	0	1	0	0	2	0	
Hourly Totals													
16:00-17:00	0	0	0	319	670	0	382	703	0	268	263	200	2805
16:15-17:15	0	0	0	353	668	0	381	754	0	272	285	250	2963
16:30-17:30	0	0	0	362	703	0	395	771	0	266	294	277	3068
16:45-17:45	0	0	0	352	665	0	415	798	0	250	280	278	3038
17:00-18:00	0	0	0	358	663	0	395	808	0	238	282	263	3007

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
SCHOLLS FERRY ROAD AT HIGHWAY 217 NORTHBOUND ON RAMP



DATE OF COUNT: 04/14/99
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

DLNC

Peak Hour
16:30-17:30
TEV=3068

Traffic Smithy
(503)641-6333

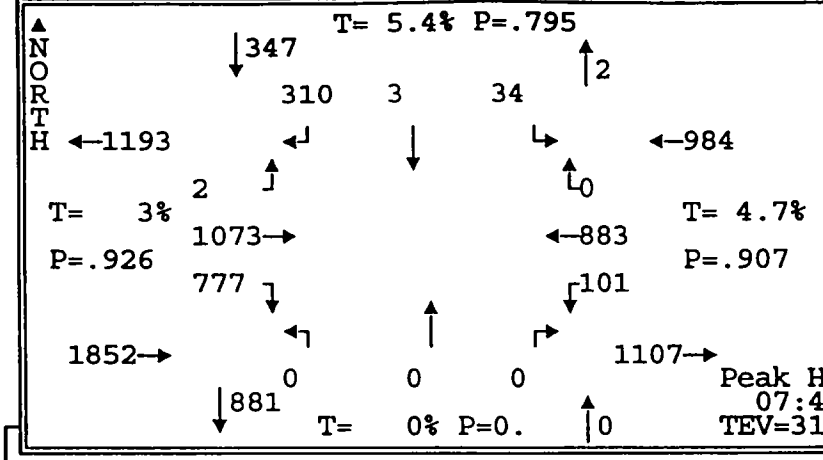
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
16:30-16:45	0	0	0	79	193	0	92	152	0	70	75	48	709
16:45-17:00	0	0	0	82	172	0	109	181	0	69	58	58	729
17:00-17:15	0	0	0	112	166	0	89	233	0	66	85	93	844
17:15-17:30	0	0	0	89	172	0	105	205	0	61	76	78	786
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
16:30-16:45	0	0	0	2	4	0	2	0	0	1	0	0	9
16:45-17:00	0	0	0	0	2	0	5	1	0	1	0	1	10
17:00-17:15	0	0	0	0	3	0	2	1	0	1	0	0	7
17:15-17:30	0	0	0	1	2	0	3	0	0	2	0	2	10
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
16:30-16:45	0	0	0	1	0	0	0	0	0	0	0	0	1
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
16:30-16:45	0	0	0	1	0	0	0	0	0	0	0	0	1
16:45-17:00	0	0	0	0	0	0	0	2	0	0	0	0	2
17:00-17:15	0	0	0	1	0	0	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
16:30-16:45	0	0	0	0	1	0	0	1	0	0	0	0	2
16:45-17:00	0	0	0	0	1	0	0	0	0	0	0	0	1
17:00-17:15	0	0	0	0	2	0	0	0	0	0	0	0	2
17:15-17:30	0	0	0	0	1	0	0	2	0	0	0	0	3

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
16:30-16:45	0	1	0	0	1
16:45-17:00	0	0	0	0	0
17:00-17:15	0	0	0	0	0
17:15-17:30	0	0	0	0	0

Peak Hour by Movement													
PHF	0	0	0	.81	.91	0	.91	.83	0	.95	.86	.74	.908
% Trucks(all)	0	0	0	1.7	1.6	0	3	.5	0	1.9	0	1.1	1.3
% Trucks(M+H)	0	0	0	.8	0	0	0	.3	0	0	0	0	.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	0	0	0	319	670	0	382	703	0	268	263	200	2805
16:15-17:15	0	0	0	353	668	0	381	754	0	272	285	250	2963
16:30-17:30	0	0	0	362	703	0	395	771	0	266	294	277	3068
16:45-17:45	0	0	0	352	665	0	415	798	0	250	280	278	3038
17:00-18:00	0	0	0	358	663	0	395	808	0	238	282	263	3007

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
SCHOLLS FERRY ROAD AT HIGHWAY 217 SOUTHBOUND RAMPS

19271



DATE OF COUNT: 04/14/99
DAY OF WEEK: Wed
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

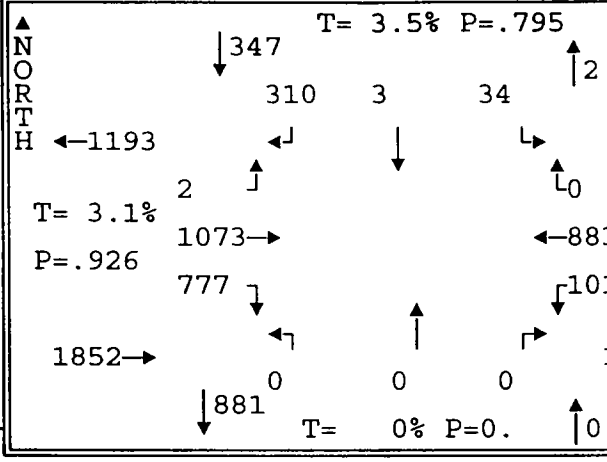
ERUC

Peak Hour
07:45-08:45
TEV=3183

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
07:00-07:05	68	86	0	24	0	3	0	0	0	3	71	0	255
07:05-07:10	49	93	0	31	0	0	0	0	0	7	44	0	224
07:10-07:15	63	117	0	17	0	2	0	0	0	2	52	0	253
07:15-07:20	55	84	0	20	0	2	0	0	0	3	37	0	201
07:20-07:25	61	108	0	21	0	1	0	0	0	5	37	0	233
07:25-07:30	68	126	0	19	0	4	0	0	0	5	46	0	268
07:30-07:35	72	109	0	22	1	3	0	0	0	3	43	0	253
07:35-07:40	72	108	0	21	0	2	0	0	0	7	50	0	260
07:40-07:45	55	79	0	14	0	6	0	0	0	7	67	0	228
07:45-07:50	74	136	0	22	0	0	0	0	0	3	64	0	299
07:50-07:55	64	84	0	20	0	2	0	0	0	11	74	0	255
07:55-08:00	49	93	0	20	0	1	0	0	0	7	86	0	256
08:00-08:05	76	92	0	29	0	3	0	0	0	6	81	0	287
08:05-08:10	69	85	0	32	0	2	0	0	0	6	70	0	264
08:10-08:15	65	77	0	19	0	1	0	0	0	7	69	0	238
08:15-08:20	52	78	0	23	1	6	0	0	0	8	75	0	243
08:20-08:25	56	65	0	40	0	8	0	0	0	6	66	0	241
08:25-08:30	55	96	0	27	1	3	0	0	0	16	82	0	280
08:30-08:35	74	111	0	21	1	2	0	0	0	9	76	0	294
08:35-08:40	78	82	2	29	0	4	0	0	0	13	75	0	283
08:40-08:45	65	74	0	28	0	2	0	0	0	9	65	0	243
08:45-08:50	82	101	0	27	0	2	0	0	0	7	55	0	274
08:50-08:55	78	74	0	23	0	3	0	0	0	11	72	0	261
08:55-09:00	50	53	2	29	0	6	0	0	0	16	80	0	236
Total Survey	1550	2211	4	578	4	68	0	0	0	177	1537	0	6129
PHF	.9	.86	.25	.86	.38	.5	0	0	0	.66	.92	0	.928
% Trucks	2.6	3.2	0	5.9	0	1.5	0	0	0	2.8	4.9	0	3.7
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	3	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	750	1223	0	251	1	26	0	0	0	63	671	0	2985
07:15-08:15	780	1181	0	259	1	27	0	0	0	70	724	0	3042
07:30-08:30	759	1102	0	289	3	37	0	0	0	87	827	0	3104
07:45-08:45	777	1073	2	310	3	34	0	0	0	101	883	0	3183
08:00-09:00	800	988	4	327	3	42	0	0	0	114	866	0	3144

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
SCHOLLS FERRY ROAD AT HIGHWAY 217 SOUTHBOUND RAMPS



DATE OF COUNT: 04/14/99
DAY OF WEEK: Wed
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

ERUC

Peak Hour
07:45-08:45
TEV=3183

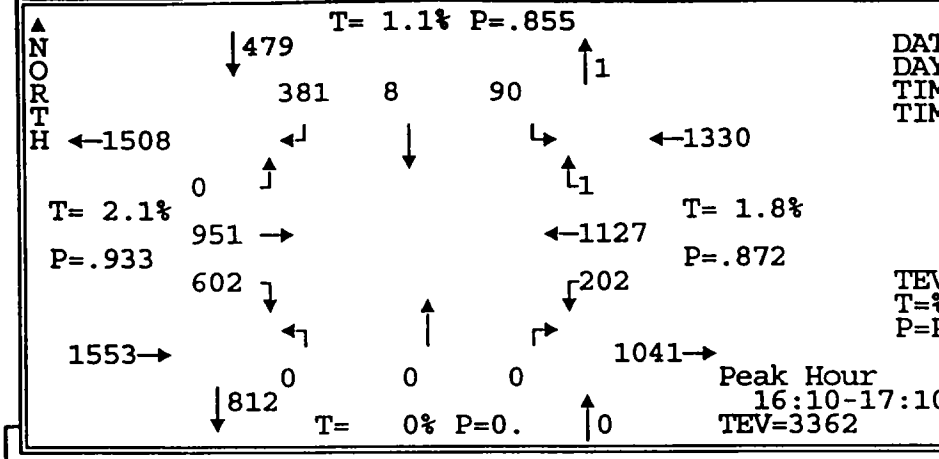
Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
07:45-08:00	187	313	0	62	0	3	0	0	0	21	224	0	810
08:00-08:15	210	254	0	80	0	6	0	0	0	19	220	0	789
08:15-08:30	163	239	0	90	2	17	0	0	0	30	223	0	764
08:30-08:45	217	267	2	78	1	8	0	0	0	31	216	0	820
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
07:45-08:00	5	5	0	2	0	0	0	0	0	0	7	0	19
08:00-08:15	0	6	0	1	0	0	0	0	0	0	6	0	13
08:15-08:30	4	4	0	1	0	0	0	0	0	0	7	0	16
08:30-08:45	0	7	0	1	0	0	0	0	0	0	11	0	19
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
07:45-08:00	0	5	0	0	0	0	0	0	0	0	1	0	6
08:00-08:15	4	2	0	1	0	0	0	0	0	1	4	0	12
08:15-08:30	2	1	0	2	0	0	0	0	0	2	3	0	10
08:30-08:45	1	3	0	2	0	0	0	0	0	0	3	0	9
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
07:45-08:00	0	0	0	0	0	0	0	0	0	0	1	0	1
08:00-08:15	0	0	0	0	0	0	0	0	0	0	1	0	1
08:15-08:30	3	0	0	1	0	0	0	0	0	1	0	0	5
08:30-08:45	1	5	0	1	0	0	0	0	0	1	1	0	9
BICYCLES													
07:45-08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00-08:15	0	0	0	0	0	0	0	0	0	0	1	0	1
08:15-08:30	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30-08:45	0	1	0	0	0	0	0	0	0	0	0	0	1

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
07:45-08:00	0	0	0	0	0
08:00-08:15	0	0	0	0	0
08:15-08:30	0	0	0	0	0
08:30-08:45	2	0	0	0	2

Peak Hour by Movement													
PHF	.9	.86	.25	.86	.38	.5	0	0	0	.81	.99	0	.970
% Trucks(all)	2.6	3.5	0	3.9	0	0	0	0	0	5	5.1	0	3.8
% Trucks(M+H)	1.4	1.5	0	2.3	0	0	0	0	0	5	1.6	0	1.7
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	750	1223	0	251	1	26	0	0	0	63	671	0	2985
07:15-08:15	780	1181	0	259	1	27	0	0	0	70	724	0	3042
07:30-08:30	759	1102	0	289	3	37	0	0	0	87	827	0	3104
07:45-08:45	777	1073	2	310	3	34	0	0	0	101	883	0	3183
08:00-09:00	800	988	4	327	3	42	0	0	0	114	866	0	3144

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
SCHOLLS FERRY ROAD AT HIGHWAY 217 SOUTHBOUND RAMPS 19272



DATE OF COUNT: 04/14/99
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

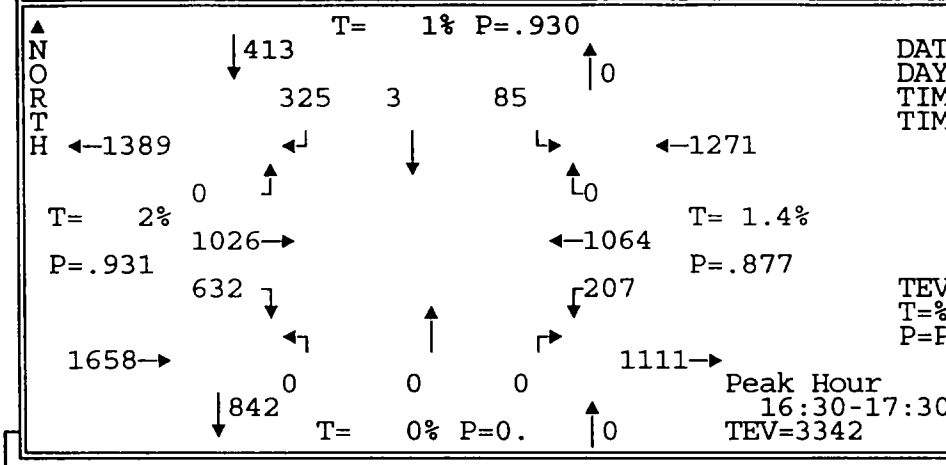
ERUD

Peak Hour
16:10-17:10
TEV=3362

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	50	77	0	33	0	5	0	0	0	14	85	0	264
16:05-16:10	51	65	0	27	1	10	0	0	0	27	98	0	279
16:10-16:15	53	73	0	45	0	10	0	0	0	21	85	0	287
16:15-16:20	59	90	0	35	0	9	0	0	0	18	75	0	286
16:20-16:25	43	71	0	33	0	8	0	0	0	8	83	0	246
16:25-16:30	35	52	0	30	6	4	0	0	0	17	99	1	244
16:30-16:35	52	76	0	27	0	8	0	0	0	21	81	0	265
16:35-16:40	48	86	0	32	0	8	0	0	0	10	111	0	295
16:40-16:45	61	92	0	25	1	5	0	0	0	20	119	0	323
16:45-16:50	45	64	0	26	1	4	0	0	0	23	98	0	261
16:50-16:55	55	94	0	41	0	6	0	0	0	19	102	0	317
16:55-17:00	52	75	0	26	0	7	0	0	0	19	83	0	262
17:00-17:05	49	91	0	31	0	14	0	0	0	3	80	0	268
17:05-17:10	50	87	0	30	0	7	0	0	0	23	111	0	308
17:10-17:15	53	83	0	18	1	5	0	0	0	20	66	0	246
17:15-17:20	64	96	0	31	0	7	0	0	0	21	64	0	283
17:20-17:25	45	96	0	17	0	5	0	0	0	13	65	0	241
17:25-17:30	58	86	0	21	0	9	0	0	0	15	84	0	273
17:30-17:35	50	83	0	30	0	8	0	0	0	18	86	0	275
17:35-17:40	45	84	0	29	0	5	0	0	0	14	78	0	255
17:40-17:45	52	100	0	26	0	7	0	0	0	10	97	0	292
17:45-17:50	54	76	0	36	0	9	0	0	0	12	87	0	274
17:50-17:55	43	74	0	30	1	11	0	0	0	13	92	0	264
17:55-18:00	51	85	0	22	0	10	0	0	0	12	87	0	267
Total Survey	1218	1956	0	701	11	181	0	0	0	391	2116	1	6575
PHF	.93	.91	0	.84	.33	.8	0	0	0	.81	.86	.25	.932
% Trucks	2.2	2	0	1	0	1.7	0	0	0	1.3	1.8	0	1.8
Stopped Buses	0	1	0	0	0	0	0	0	0	1	0	0	
Peds	0	1	0	0	2	0	0	0	0	0	1	0	
Hourly Totals													
16:00-17:00	604	915	0	380	9	84	0	0	0	217	1119	1	3329
16:15-17:15	602	961	0	354	9	85	0	0	0	201	1108	1	3321
16:30-17:30	632	1026	0	325	3	85	0	0	0	207	1064	0	3342
16:45-17:45	618	1039	0	326	2	84	0	0	0	198	1014	0	3281
17:00-18:00	614	1041	0	321	2	97	0	0	0	174	997	0	3246

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
SCHOLLS FERRY ROAD AT HIGHWAY 217 SOUTHBOUND RAMPS



DATE OF COUNT: 04/14/99
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

ERUD

Peak Hour
16:30-17:30
TEV=3342

Traffic Smithy
(503)641-6333

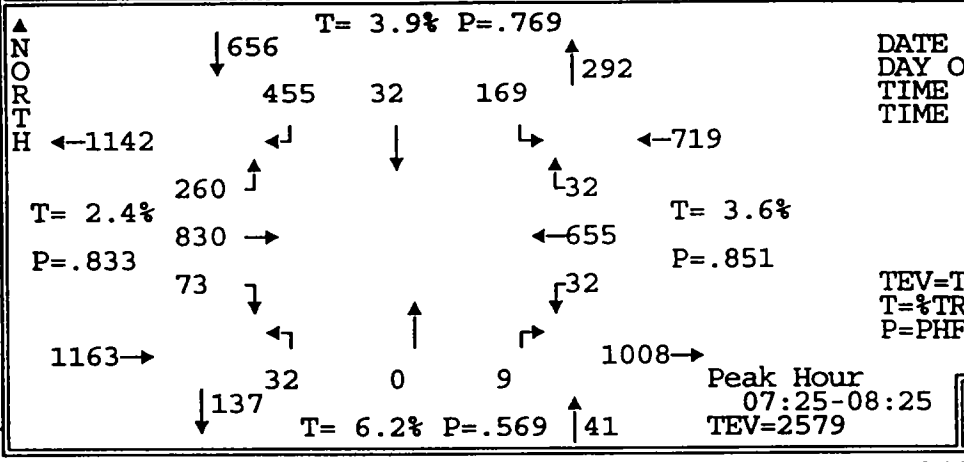
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
16:30-16:45	161	254	0	84	1	21	0	0	0	51	311	0	883
16:45-17:00	152	233	0	93	1	17	0	0	0	61	283	0	840
17:00-17:15	152	261	0	79	1	26	0	0	0	46	257	0	822
17:15-17:30	167	278	0	69	0	21	0	0	0	49	213	0	797
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
16:30-16:45	2	3	0	0	0	0	0	0	0	1	6	0	12
16:45-17:00	2	7	0	2	0	0	0	0	0	0	2	0	13
17:00-17:15	4	5	0	0	0	0	0	0	0	0	2	0	11
17:15-17:30	1	4	0	0	0	0	0	0	0	0	5	0	10
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
16:30-16:45	2	0	0	0	0	0	0	0	0	0	0	0	2
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
16:30-16:45	2	0	0	1	0	0	0	0	0	0	0	0	3
16:45-17:00	1	0	0	0	0	1	0	0	0	0	1	0	3
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	1	0	1
BICYCLES													
16:30-16:45	0	0	0	0	0	0	0	0	0	0	1	0	1
16:45-17:00	0	0	0	0	0	0	0	0	0	0	1	0	1
17:00-17:15	0	0	0	0	0	0	0	0	0	0	2	0	2
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
16:30-16:45	0	0	0	0	0
16:45-17:00	1	1	0	0	2
17:00-17:15	0	0	0	0	0
17:15-17:30	0	1	0	1	2

Peak Hour by Movement													
PHF	.95	.92	0	.87	.75	.82	0	0	0	.85	.86	0	.946
% Trucks(all)	2.2	1.9	0	.9	0	1.2	0	0	0	.5	1.6	0	1.6
% Trucks(M+H)	.8	0	0	.3	0	1.2	0	0	0	0	.2	0	.3
Stopped Buses	0	1	0	0	0	0	0	0	0	1	0	0	
Hourly Totals													
16:00-17:00	604	915	0	380	9	84	0	0	0	217	1119	1	3329
16:15-17:15	602	961	0	354	9	85	0	0	0	201	1108	1	3321
16:30-17:30	632	1026	0	325	3	85	0	0	0	207	1064	0	3342
16:45-17:45	618	1039	0	326	2	84	0	0	0	198	1014	0	3281
17:00-18:00	614	1041	0	321	2	97	0	0	0	174	997	0	3246

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
HALL BOULEVARD AT HIGHWAY 217 SOUTHBOUND RAMPS

19302



DATE OF COUNT: 04/15/99
DAY OF WEEK: Thu
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

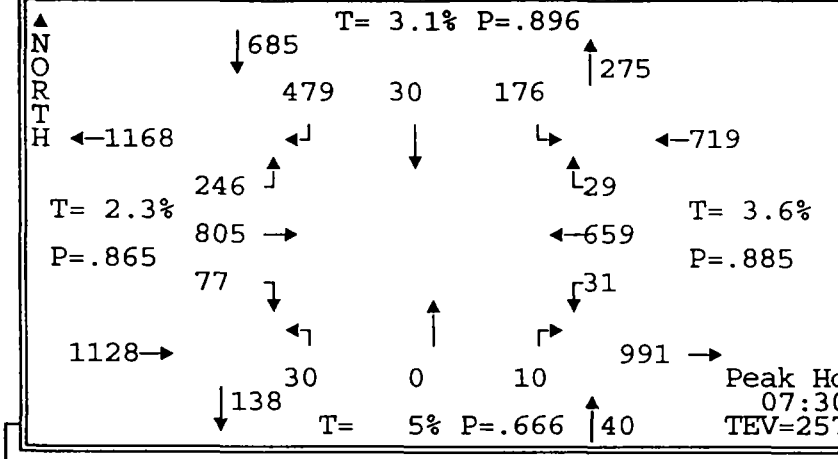
GHMV

Peak Hour
07:25-08:25
TEV=2579

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
07:00-07:05	4	34	17	23	2	6	0	0	1	3	29	4	123
07:05-07:10	6	38	13	26	3	9	3	0	0	2	32	3	135
07:10-07:15	1	51	22	21	1	17	1	0	0	0	42	3	159
07:15-07:20	3	43	18	27	1	5	0	0	1	3	44	1	146
07:20-07:25	2	46	21	36	3	10	1	0	0	1	49	9	178
07:25-07:30	3	79	31	20	4	11	2	0	0	3	51	4	208
07:30-07:35	1	68	22	47	1	8	2	0	1	1	51	2	204
07:35-07:40	3	68	24	25	0	16	1	0	0	1	48	3	189
07:40-07:45	7	88	31	27	2	12	0	0	0	2	52	2	223
07:45-07:50	14	84	23	37	2	9	3	0	1	3	59	3	238
07:50-07:55	6	73	23	51	2	18	3	0	0	2	54	5	237
07:55-08:00	7	70	26	50	7	15	2	0	0	6	58	3	244
08:00-08:05	12	61	23	48	7	15	2	0	1	4	50	1	224
08:05-08:10	7	75	13	34	0	16	5	0	4	3	81	5	243
08:10-08:15	2	46	13	39	3	12	3	0	0	2	56	1	177
08:15-08:20	5	61	19	36	2	19	5	0	1	5	47	2	202
08:20-08:25	6	57	12	41	2	18	4	0	1	0	48	1	190
08:25-08:30	7	54	17	44	2	18	0	0	1	2	55	1	201
08:30-08:35	2	60	16	38	1	16	3	0	0	1	59	1	197
08:35-08:40	6	58	12	31	1	14	3	0	1	3	41	4	174
08:40-08:45	4	45	11	26	3	13	1	0	1	1	44	1	150
08:45-08:50	4	52	17	38	4	13	0	0	1	0	53	0	182
08:50-08:55	5	50	19	25	4	7	3	1	0	5	39	3	161
08:55-09:00	3	50	9	27	4	9	0	0	2	2	39	3	148
Total Survey	120	1411	452	817	61	306	47	1	17	55	1181	65	4533
PHF	.68	.85	.83	.76	.5	.86	.62	0	.45	.62	.87	.73	.896
% Trucks	.8	2.8	1.3	2.8	8.2	5.9	6.4	0	5.9	3.6	3.6	4.6	3.2
Stopped Buses	0	2	0	0	0	0	0	0	0	0	0	0	
Peds	0	11	0	0	4	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	57	742	271	390	28	136	18	0	4	27	569	42	2284
07:15-08:15	67	801	268	441	32	147	24	0	8	31	653	39	2511
07:30-08:30	77	805	246	479	30	176	30	0	10	31	659	29	2572
07:45-08:45	78	744	208	475	32	183	34	0	11	32	652	28	2477
08:00-09:00	63	669	181	427	33	170	29	1	13	28	612	23	2249

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
HALL BOULEVARD AT HIGHWAY 217 SOUTHBOUND RAMPS



DATE OF COUNT: 04/15/99
DAY OF WEEK: Thu
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

GHMV

Peak Hour
07:30-08:30
TEV=2572

Traffic Smithy
(503)641-6333

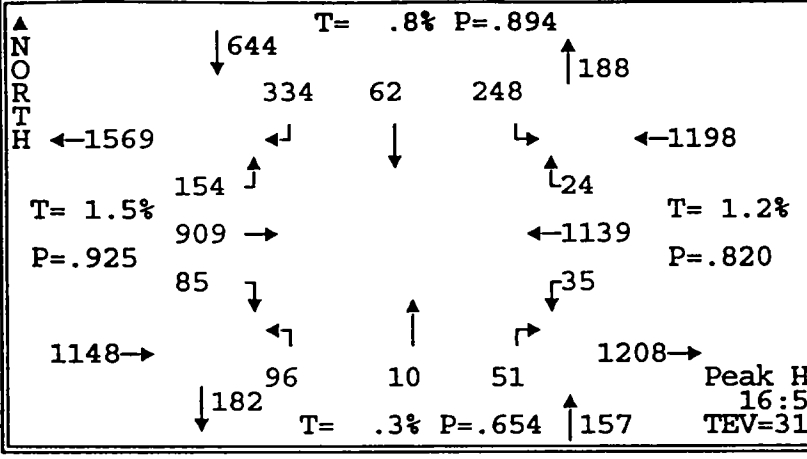
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↴	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
07:30-07:45	11	224	77	99	3	36	3	0	1	4	151	7	616
07:45-08:00	27	227	72	138	11	42	8	0	1	11	171	11	719
08:00-08:15	21	182	49	121	10	43	10	0	5	9	187	7	644
08:15-08:30	18	172	48	121	6	55	9	0	3	7	150	4	593
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
07:30-07:45	0	6	0	1	1	1	0	0	0	0	4	0	13
07:45-08:00	1	3	0	0	0	1	0	0	0	0	2	0	7
08:00-08:15	0	4	0	2	0	0	1	0	0	1	6	2	16
08:15-08:30	0	3	0	1	0	3	0	0	0	0	4	1	12
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
07:30-07:45	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45-08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00-08:15	0	2	0	1	1	1	0	0	0	0	0	0	5
08:15-08:30	0	0	0	1	0	2	0	0	1	0	0	0	4
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
07:30-07:45	0	1	0	1	0	1	0	0	0	0	1	0	4
07:45-08:00	0	2	1	0	0	2	0	0	0	0	2	0	7
08:00-08:15	0	1	1	0	0	0	0	0	0	0	1	0	3
08:15-08:30	0	1	0	1	0	0	0	0	0	0	2	0	4
BICYCLES													
07:30-07:45	0	0	0	0	0	0	0	0	0	0	2	0	2
07:45-08:00	0	1	0	0	0	0	0	0	0	0	0	0	1
08:00-08:15	0	0	0	0	0	0	0	0	0	0	1	0	1
08:15-08:30	0	1	0	0	0	0	0	0	0	0	1	0	2

PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
07:30-07:45	2	2	0	0	4
07:45-08:00	2	1	0	0	3
08:00-08:15	2	1	0	0	3
08:15-08:30	0	0	0	0	0

Peak Hour by Movement													
PHF	.71	.89	.8	.87	.68	.8	.75	0	.5	.7	.88	.66	.894
% Trucks(all)	1.3	2.9	.8	1.7	6.7	6.3	3.3	0	10	3.2	3.3	10.3	2.9
% Trucks(M+H)	0	.9	.8	.8	3.3	3.4	0	0	10	0	.9	0	1
Stopped Buses	0	1	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	57	742	271	390	28	136	18	0	4	27	569	42	2284
07:15-08:15	67	801	268	441	32	147	24	0	8	31	653	39	2511
07:30-08:30	77	805	246	479	30	176	30	0	10	31	659	29	2572
07:45-08:45	78	744	208	475	32	183	34	0	11	32	652	28	2477
08:00-09:00	63	669	181	427	33	170	29	1	13	28	612	23	2249

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
HALL BOULEVARD AT HIGHWAY 217 SOUTHBOUND RAMPS

19308



DATE OF COUNT: 04/15/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

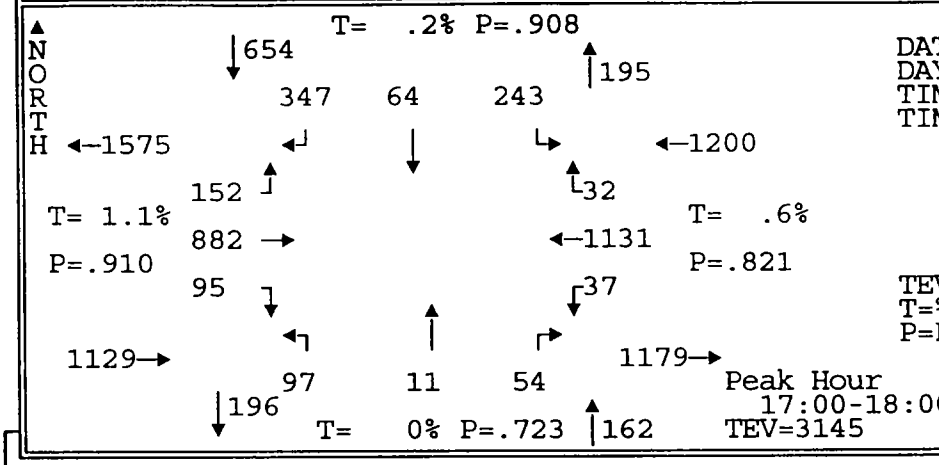
GHMW

Peak Hour
16:55-17:55
TEV=3147

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↴	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	8	51	8	27	6	15	8	3	8	1	65	4	204
16:05-16:10	8	78	13	19	7	20	12	4	13	2	56	3	235
16:10-16:15	2	67	15	26	5	21	8	3	6	1	90	2	246
16:15-16:20	7	72	19	20	5	23	5	1	5	3	81	3	244
16:20-16:25	6	63	15	26	8	30	7	4	5	7	62	3	236
16:25-16:30	5	70	14	38	4	12	9	0	6	3	73	1	235
16:30-16:35	4	76	15	22	8	17	7	0	6	1	69	3	228
16:35-16:40	9	74	6	24	6	22	13	0	5	0	70	2	231
16:40-16:45	5	72	11	24	8	25	4	0	2	8	81	0	240
16:45-16:50	9	69	8	26	7	19	7	1	3	3	88	6	246
16:50-16:55	10	65	10	27	8	22	8	2	9	2	74	1	238
16:55-17:00	6	88	9	16	2	27	5	1	2	3	85	1	245
17:00-17:05	7	92	5	21	6	14	7	1	4	5	83	1	246
17:05-17:10	8	72	21	30	11	21	13	3	8	0	73	3	263
17:10-17:15	11	74	20	29	4	18	12	2	6	1	113	0	290
17:15-17:20	5	74	13	31	3	19	11	1	4	4	96	2	263
17:20-17:25	8	82	13	33	4	22	7	0	5	2	136	3	315
17:25-17:30	4	67	10	22	5	23	8	2	5	5	111	6	268
17:30-17:35	8	62	12	31	4	27	9	0	4	1	92	2	252
17:35-17:40	7	81	11	37	5	19	7	0	3	3	83	0	256
17:40-17:45	5	76	5	32	5	20	6	0	6	3	102	2	262
17:45-17:50	3	70	17	27	6	20	8	0	1	4	76	3	235
17:50-17:55	13	71	18	25	7	18	3	0	3	4	89	1	252
17:55-18:00	16	61	7	29	4	22	6	2	5	5	77	9	243
Total Survey	174	1727	295	642	138	496	190	30	124	71	2025	61	5973
PHF	.82	.9	.71	.83	.74	.86	.67	.42	.71	.8	.83	.55	.906
% Trucks	1.1	1.6	1	.8	.7	.8	.5	0	0	0	1.2	1.6	1.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	33	0	0	6	0	0	0	0	0	2	0	
Hourly Totals													
16:00-17:00	79	845	143	295	74	253	93	19	70	34	894	29	2828
16:15-17:15	87	887	153	303	77	250	97	15	61	36	952	24	2942
16:30-17:30	86	905	141	305	72	249	102	13	59	34	1079	28	3073
16:45-17:45	88	902	137	335	64	251	100	13	59	32	1136	27	3144
17:00-18:00	95	882	152	347	64	243	97	11	54	37	1131	32	3145

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
HALL BOULEVARD AT HIGHWAY 217 SOUTHBOUND RAMPS



DATE OF COUNT: 04/15/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

GHMW

Peak Hour
17:00-18:00
TEV=3145

Traffic Smithy
(503)641-6333

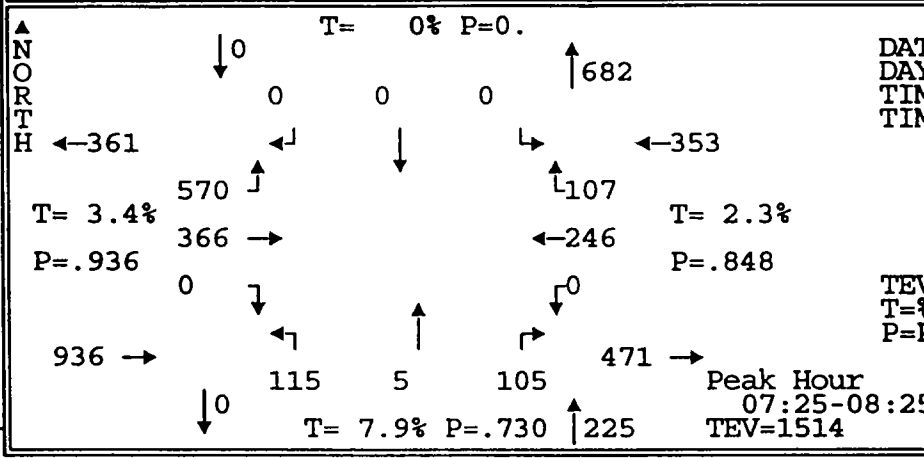
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	26	238	46	80	21	53	32	6	18	6	269	4	799
17:15-17:30	17	223	36	86	12	64	26	3	14	11	343	11	846
17:30-17:45	20	219	28	100	14	66	22	0	13	7	277	4	770
17:45-18:00	32	202	42	81	17	60	17	2	9	13	242	13	730
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	1	1	0	0	0	0	0	0	0	1	0	3
17:15-17:30	0	3	0	0	0	0	0	0	0	0	3	0	6
17:30-17:45	1	2	0	0	0	0	0	0	0	0	1	0	4
17:45-18:00	0	2	1	1	0	0	0	0	0	0	1	0	5
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	1	0	0	0	0	0	0	0	0	0	0	1
17:30-17:45	0	0	0	0	0	0	0	0	0	0	1	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	1	0	0	0	0	0	0	0	0	2	0	3
17:30-17:45	0	3	0	0	0	0	0	0	0	0	0	0	3
17:45-18:00	0	3	0	0	0	0	0	0	0	0	0	0	3

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	4	0	0	0	4
17:15-17:30	4	1	0	0	5
17:30-17:45	2	0	0	0	2
17:45-18:00	1	0	0	0	1

Peak Hour by Movement													
PHF	.74	.93	.83	.87	.76	.92	.76	.46	.75	.71	.82	.62	.929
% Trucks(all)	1.1	1	1.3	.3	0	0	0	0	0	0	.6	0	.6
% Trucks(M+H)	0	.1	0	0	0	0	0	0	0	0	.1	0	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	79	845	143	295	74	253	93	19	70	34	894	29	2828
16:15-17:15	87	887	153	303	77	250	97	15	61	36	952	24	2942
16:30-17:30	86	905	141	305	72	249	102	13	59	34	1079	28	3073
16:45-17:45	88	902	137	335	64	251	100	13	59	32	1136	27	3144
17:00-18:00	95	882	152	347	64	243	97	11	54	37	1131	32	3145

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
DENNEY ROAD AT HIGHWAY 217 NORTHBOUND RAMPS

19297



DATE OF COUNT: 04/15/99
DAY OF WEEK: Thu
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

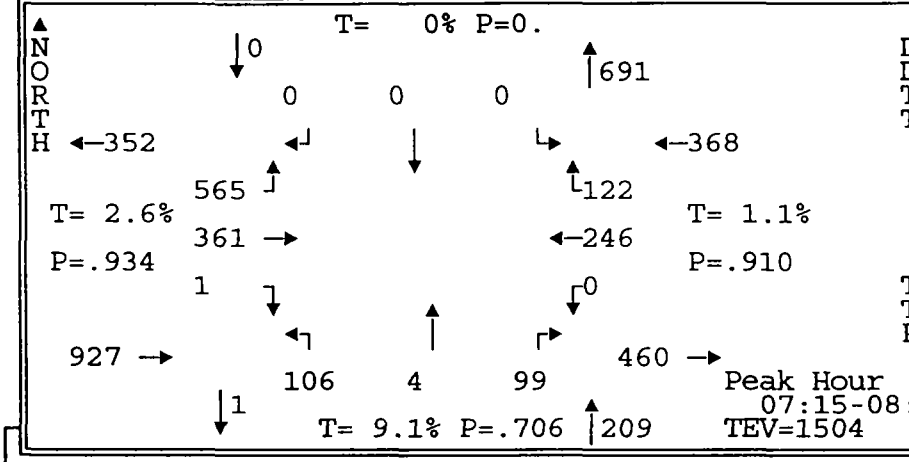
MPB5

Peak Hour
07:25-08:25
TEV=1514

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
07:00-07:05	0	17	45	0	0	0	9	0	2	0	11	5	89
07:05-07:10	0	14	53	0	0	0	2	0	6	0	14	3	92
07:10-07:15	0	30	46	0	0	0	9	0	6	0	18	8	117
07:15-07:20	0	26	56	0	0	0	5	0	9	0	17	6	119
07:20-07:25	1	35	43	0	0	0	4	0	5	0	15	16	119
07:25-07:30	0	33	54	0	0	0	9	0	4	0	21	10	131
07:30-07:35	0	18	51	0	0	0	5	0	3	0	27	9	113
07:35-07:40	0	32	45	0	0	0	9	0	10	0	17	14	127
07:40-07:45	0	26	43	0	0	0	7	0	6	0	21	13	116
07:45-07:50	0	33	49	0	0	0	10	1	8	0	23	10	134
07:50-07:55	0	32	40	0	0	0	6	0	10	0	23	14	125
07:55-08:00	0	33	45	0	0	0	12	2	10	0	20	9	131
08:00-08:05	0	23	50	0	0	0	10	0	7	0	14	4	108
08:05-08:10	0	38	43	0	0	0	10	0	13	0	23	8	135
08:10-08:15	0	32	46	0	0	0	19	1	14	0	25	9	146
08:15-08:20	0	34	57	0	0	0	13	1	6	0	10	5	126
08:20-08:25	0	32	47	0	0	0	5	0	14	0	22	2	122
08:25-08:30	0	26	42	0	0	0	13	4	8	0	14	11	118
08:30-08:35	0	29	38	0	0	0	13	3	18	0	15	4	120
08:35-08:40	0	17	33	0	0	0	17	1	8	0	25	7	108
08:40-08:45	0	30	33	0	0	0	5	0	5	0	18	8	99
08:45-08:50	0	26	34	0	0	0	9	0	5	0	20	2	96
08:50-08:55	0	29	28	0	0	0	8	0	3	0	25	7	100
08:55-09:00	0	25	28	0	0	0	9	0	8	0	17	5	92
Total Survey	1	670	1049	0	0	0	218	13	188	0	455	189	2783
PHF	0	.88	.95	0	0	0	.68	.42	.77	0	.92	.72	.929
% Trucks	0	3	3.6	0	0	0	12.8	7.7	2.1	0	2.2	2.6	3.8
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	1	329	570	0	0	0	87	3	79	0	227	117	1413
07:15-08:15	1	361	565	0	0	0	106	4	99	0	246	122	1504
07:30-08:30	0	359	558	0	0	0	119	9	109	0	239	108	1501
07:45-08:45	0	359	523	0	0	0	133	13	121	0	232	91	1472
08:00-09:00	0	341	479	0	0	0	131	10	109	0	228	72	1370

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
DENNEY ROAD AT HIGHWAY 217 NORTHBOUND RAMPS



DATE OF COUNT: 04/15/99
DAY OF WEEK: Thu
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

MPB5

Peak Hour
07:15-08:15
TEV=1504

Traffic Smithy
(503)641-6333

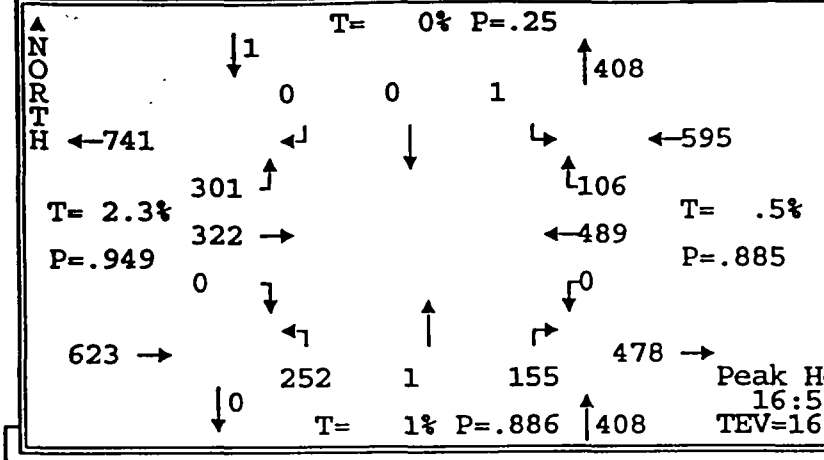
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
07:15-07:30	1	94	153	0	0	0	18	0	18	0	53	32	369
07:30-07:45	0	76	139	0	0	0	21	0	19	0	65	36	356
07:45-08:00	0	98	134	0	0	0	28	3	28	0	66	33	390
08:00-08:15	0	93	139	0	0	0	39	1	34	0	62	21	389
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
07:15-07:30	0	2	0	0	0	0	2	0	0	0	0	1	5
07:30-07:45	0	1	2	0	0	0	1	0	0	0	1	1	6
07:45-08:00	0	3	0	0	0	0	2	0	0	0	0	0	5
08:00-08:15	0	2	3	0	0	0	1	0	0	0	0	0	6
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
07:15-07:30	0	0	3	0	0	0	2	0	0	0	1	0	6
07:30-07:45	0	0	3	0	0	0	2	0	0	0	0	0	5
07:45-08:00	0	0	2	0	0	0	1	0	0	0	0	0	3
08:00-08:15	0	1	1	0	0	0	3	0	0	0	0	0	5
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
07:15-07:30	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30-07:45	0	0	1	0	0	0	3	0	0	0	0	0	4
07:45-08:00	0	0	0	0	0	0	1	1	0	0	0	0	2
08:00-08:15	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
07:15-07:30	0	1	0	0	0	0	0	0	0	0	0	0	1
07:30-07:45	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45-08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00-08:15	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
07:15-07:30	0	0	0	0	0
07:30-07:45	0	0	0	0	0
07:45-08:00	0	0	0	0	0
08:00-08:15	0	0	0	0	0

Peak Hour by Movement													
PHF	.25	.92	.92	0	0	0	.68	.33	.73	0	.93	.85	.964
% Trucks(all)	0	2.5	2.7	0	0	0	17	25	0	0	.8	1.6	3.1
% Trucks(M+H)	0	.3	1.8	0	0	0	11.3	25	0	0	.4	0	1.7
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	1	329	570	0	0	0	87	3	79	0	227	117	1413
07:15-08:15	1	361	565	0	0	0	106	4	99	0	246	122	1504
07:30-08:30	0	359	558	0	0	0	119	9	109	0	239	108	1501
07:45-08:45	0	359	523	0	0	0	133	13	121	0	232	91	1472
08:00-09:00	0	341	479	0	0	0	131	10	109	0	228	72	1370

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
DENNEY ROAD AT HIGHWAY 217 NORTHBOUND RAMPS

19266



DATE OF COUNT: 04/14/99
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

Peak Hour
16:55-17:55
TEV=1627

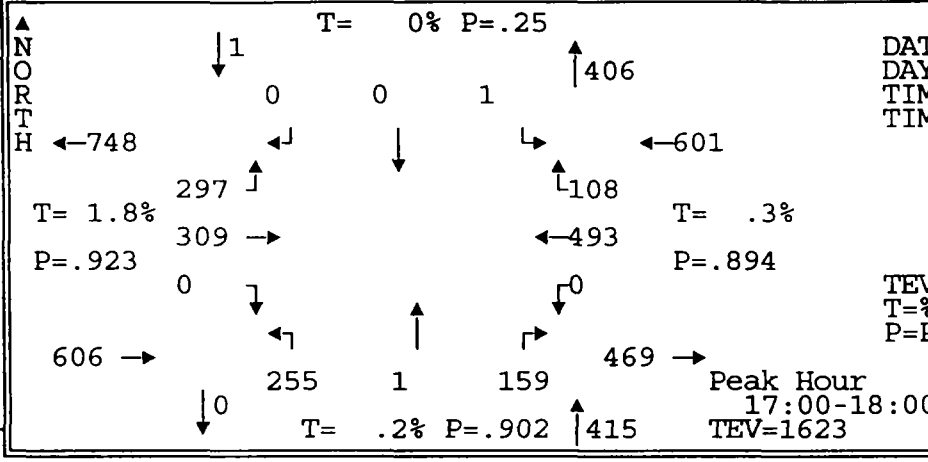
TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

EBAA

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	0	16	30	0	0	0	28	0	13	0	28	8	123
16:05-16:10	0	24	26	0	0	0	17	1	12	0	25	7	112
16:10-16:15	0	16	32	0	0	0	20	0	12	0	33	16	129
16:15-16:20	0	15	21	0	0	0	23	0	7	0	36	3	105
16:20-16:25	0	33	23	0	0	0	20	0	10	0	21	5	112
16:25-16:30	0	18	16	0	0	0	26	1	8	0	30	4	103
16:30-16:35	0	27	22	0	0	0	15	0	10	0	35	4	113
16:35-16:40	0	14	18	0	0	0	16	0	6	0	43	9	106
16:40-16:45	0	26	25	0	0	0	21	0	9	0	38	11	130
16:45-16:50	0	27	21	0	0	0	21	1	8	0	34	10	122
16:50-16:55	0	20	23	0	0	0	18	0	4	0	29	8	102
16:55-17:00	0	30	23	0	0	0	22	0	5	0	29	8	117
17:00-17:05	0	28	22	0	0	0	22	1	14	0	46	7	140
17:05-17:10	0	34	24	0	0	0	21	0	15	0	47	9	150
17:10-17:15	0	21	31	0	0	1	11	0	16	0	49	10	139
17:15-17:20	0	27	21	0	0	0	25	0	14	0	33	7	127
17:20-17:25	0	32	32	0	0	0	18	0	10	0	51	6	149
17:25-17:30	0	23	29	0	0	0	18	0	12	0	42	13	137
17:30-17:35	0	26	22	0	0	0	22	0	20	0	43	13	146
17:35-17:40	0	19	31	0	0	0	22	0	11	0	32	8	123
17:40-17:45	0	30	26	0	0	0	26	0	14	0	41	7	144
17:45-17:50	0	26	24	0	0	0	21	0	11	0	36	13	131
17:50-17:55	0	26	16	0	0	0	24	0	13	0	40	5	124
17:55-18:00	0	17	19	0	0	0	25	0	9	0	33	10	113
Total Survey	0	575	577	0	0	1	502	4	263	0	874	201	2997
PHF	0	.88	.9	0	0	.25	.89	.25	.86	0	.86	.78	.941
% Trucks	0	.7	3.8	0	0	0	1.4	0	.4	0	.5	.5	1.3
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	9	0	
Hourly Totals													
16:00-17:00	0	266	280	0	0	0	247	3	104	0	381	93	1374
16:15-17:15	0	293	269	0	0	1	236	3	112	0	437	88	1439
16:30-17:30	0	309	291	0	0	1	228	2	123	0	476	102	1532
16:45-17:45	0	317	305	0	0	1	246	2	143	0	476	106	1596
17:00-18:00	0	309	297	0	0	1	255	1	159	0	493	108	1623

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
DENNEY ROAD AT HIGHWAY 217 NORTHBOUND RAMPS



DATE OF COUNT: 04/14/99
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

EBAA

Peak Hour
17:00-18:00
TEV=1623

Traffic Smithy
(503)641-6333

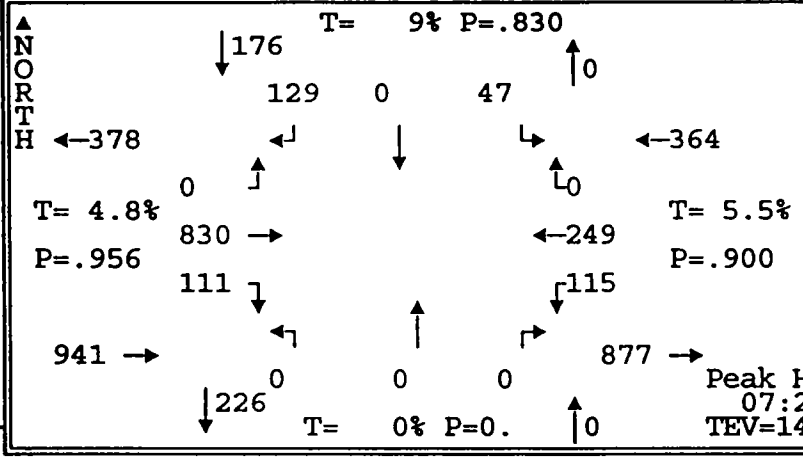
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	0	83	77	0	0	1	54	1	45	0	142	26	429
17:15-17:30	0	82	82	0	0	0	61	0	36	0	126	26	413
17:30-17:45	0	75	79	0	0	0	70	0	45	0	116	28	413
17:45-18:00	0	69	59	0	0	0	70	0	33	0	109	28	368
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	1	0	0	0	0	1	2
17:15-17:30	0	0	3	0	0	0	0	0	0	0	0	0	3
17:30-17:45	0	1	1	0	0	0	0	0	0	0	0	0	2
17:45-18:00	0	1	2	0	0	0	0	0	0	0	0	0	3
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	1	0	0	0	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	1	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	1	0	0	0	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	1	0	0	0	0	0	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	1	0	0	0	0	0	0	0	0	0	0	1
17:30-17:45	0	1	0	0	0	0	0	0	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	0	0	1	1
17:15-17:30	0	0	0	4	4
17:30-17:45	0	0	0	0	0
17:45-18:00	0	0	0	1	1

Peak Hour by Movement													
PHF	0	.93	.91	0	0	.25	.91	.25	.88	0	.87	.96	.945
% Trucks(all)	0	.6	3	0	0	0	.4	0	0	0	.2	.9	.9
% Trucks(M+H)	0	0	1	0	0	0	0	0	0	0	.2	0	.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	0	266	280	0	0	0	247	3	104	0	381	93	1374
16:15-17:15	0	293	269	0	0	1	236	3	112	0	437	88	1439
16:30-17:30	0	309	291	0	0	1	228	2	123	0	476	102	1532
16:45-17:45	0	317	305	0	0	1	246	2	143	0	476	106	1596
17:00-18:00	0	309	297	0	0	1	255	1	159	0	493	108	1623

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
DENNEY ROAD AT HIGHWAY 217 SOUTHBOUND RAMPS

19298



DATE OF COUNT: 04/15/99
DAY OF WEEK: Thu
TIME STARTED: 07:00
TIME ENDED: 09:00

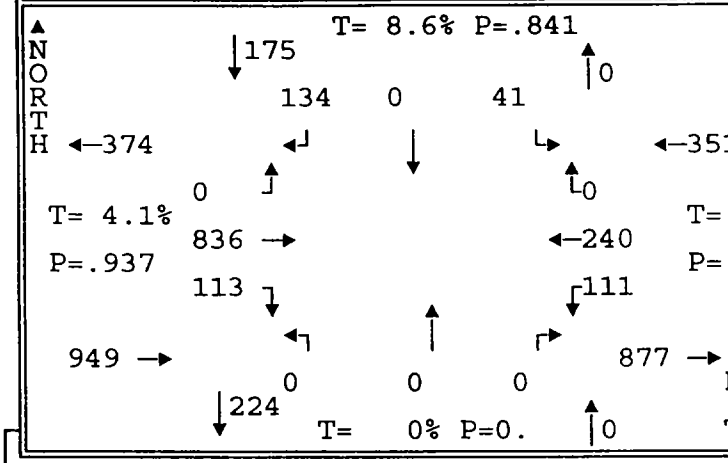
TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

EBA2

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
07:00-07:05	5	63	0	5	0	0	0	0	0	7	13	0	93
07:05-07:10	8	57	0	4	0	2	0	0	0	6	8	0	85
07:10-07:15	10	69	0	1	0	3	1	0	2	7	20	0	113
07:15-07:20	9	73	0	14	0	3	0	0	0	7	12	0	118
07:20-07:25	6	73	0	12	0	4	0	0	0	5	15	0	115
07:25-07:30	10	82	0	8	0	3	0	0	0	10	19	0	132
07:30-07:35	11	65	0	7	0	3	0	0	0	5	25	0	116
07:35-07:40	7	71	0	9	0	2	0	0	0	4	24	0	117
07:40-07:45	10	65	0	9	0	0	0	0	0	9	21	0	114
07:45-07:50	10	71	0	13	0	3	0	0	0	13	16	0	126
07:50-07:55	10	67	0	15	0	6	0	0	0	14	18	0	130
07:55-08:00	12	68	0	7	0	5	0	0	0	10	23	0	125
08:00-08:05	9	58	0	12	0	4	0	0	0	8	19	0	110
08:05-08:10	9	76	0	19	0	6	0	0	0	10	18	0	138
08:10-08:15	10	67	0	9	0	2	0	0	0	16	30	0	134
08:15-08:20	9	73	0	9	0	5	0	0	0	4	17	0	117
08:20-08:25	4	67	0	12	0	8	0	0	0	12	19	0	122
08:25-08:30	11	54	0	11	0	5	0	0	0	3	20	0	104
08:30-08:35	8	57	0	9	0	6	0	0	0	7	19	0	106
08:35-08:40	10	44	0	8	0	4	0	0	0	11	26	0	103
08:40-08:45	11	59	0	12	0	4	0	0	0	12	13	0	111
08:45-08:50	10	47	0	8	0	8	0	0	0	9	19	0	101
08:50-08:55	5	45	0	8	0	9	0	0	0	13	18	0	98
08:55-09:00	9	42	0	8	0	8	0	0	0	10	15	0	92
Total Survey	213	1513	0	229	0	103	1	0	2	212	447	0	2720
PHF	.87	.95	0	.81	0	.78	0	0	0	.78	.89	0	.951
% Trucks	14.1	3.5	0	12.7	0	1	0	0	0	0	8.1	0	5.5
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	6	0	
Hourly Totals													
07:00-08:00	108	824	0	104	0	34	1	0	2	97	214	0	1384
07:15-08:15	113	836	0	134	0	41	0	0	0	111	240	0	1475
07:30-08:30	112	802	0	132	0	49	0	0	0	108	250	0	1453
07:45-08:45	113	761	0	136	0	58	0	0	0	120	238	0	1426
08:00-09:00	105	689	0	125	0	69	0	0	0	115	233	0	1336

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
DENNEY ROAD AT HIGHWAY 217 SOUTHBOUND RAMPS



DATE OF COUNT: 04/15/99
DAY OF WEEK: Thu
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

EBA2

Peak Hour
07:15-08:15
TEV=1475

Traffic Smithy
(503)641-6333

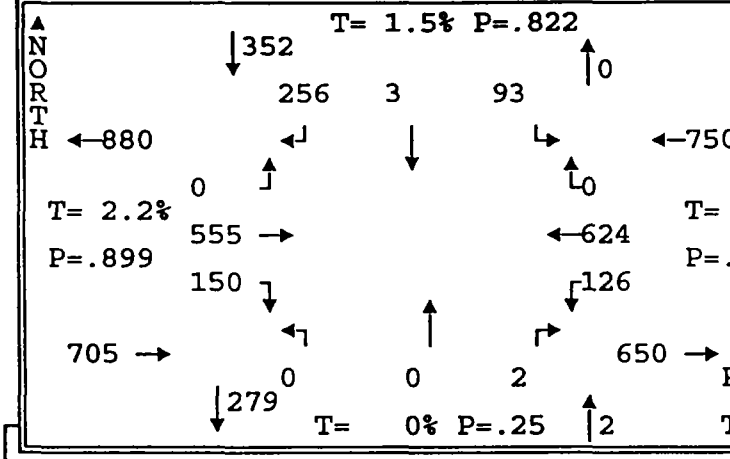
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
07:15-07:30	25	228	0	34	0	10	0	0	0	22	46	0	365
07:30-07:45	28	201	0	25	0	5	0	0	0	18	70	0	347
07:45-08:00	32	206	0	35	0	14	0	0	0	37	57	0	381
08:00-08:15	28	201	0	40	0	12	0	0	0	34	67	0	382
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
07:15-07:30	2	5	0	2	0	0	0	0	0	0	2	0	11
07:30-07:45	2	2	0	2	0	0	0	0	0	0	1	0	7
07:45-08:00	2	2	0	3	0	0	0	0	0	0	2	0	9
08:00-08:15	3	5	0	2	0	0	0	0	0	0	2	0	12
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
07:15-07:30	0	3	0	0	0	0	0	0	0	0	3	0	6
07:30-07:45	1	3	0	1	0	0	0	0	0	0	2	0	7
07:45-08:00	0	2	0	2	0	0	0	0	0	0	1	0	5
08:00-08:15	0	2	0	2	0	0	0	0	0	0	2	0	6
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
07:15-07:30	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30-07:45	0	0	0	0	0	0	0	0	0	0	3	0	3
07:45-08:00	0	0	0	0	0	0	0	0	0	0	1	0	1
08:00-08:15	4	1	0	1	0	0	0	0	0	0	0	0	6
BICYCLES													
07:15-07:30	0	1	0	0	0	0	0	0	0	0	0	0	1
07:30-07:45	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45-08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00-08:15	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
07:15-07:30	0	0	0	0	0
07:30-07:45	0	0	0	2	2
07:45-08:00	0	0	0	0	0
08:00-08:15	0	0	0	2	2

Peak Hour by Movement													
PHF	.88	.92	0	.84	0	.73	0	0	0	.75	.86	0	.965
% Trucks(all)	12.4	3	0	11.2	0	0	0	0	0	0	7.9	0	4.9
% Trucks(M+H)	4.4	1.3	0	4.5	0	0	0	0	0	0	5	0	2.3
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	108	824	0	104	0	34	1	0	2	97	214	0	1384
07:15-08:15	113	836	0	134	0	41	0	0	0	111	240	0	1475
07:30-08:30	112	802	0	132	0	49	0	0	0	108	250	0	1453
07:45-08:45	113	761	0	136	0	58	0	0	0	120	238	0	1426
08:00-09:00	105	689	0	125	0	69	0	0	0	115	233	0	1336

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
DENNEY ROAD AT HIGHWAY 217 SOUTHBOUND RAMPS

19286



DATE OF COUNT: 04/13/99
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

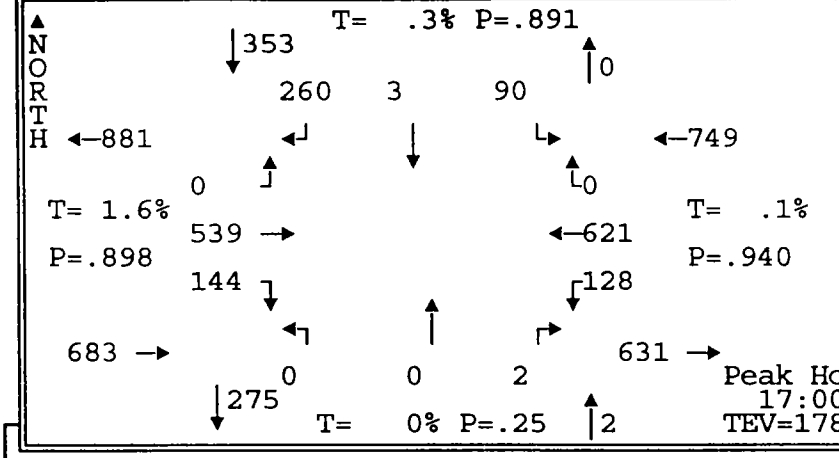
WMAJ

Peak Hour
16:55-17:55
TEV=1809

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	9	48	0	15	0	7	0	0	0	8	32	0	119
16:05-16:10	11	53	0	18	0	6	0	0	0	16	37	0	141
16:10-16:15	17	43	0	11	0	10	0	0	0	13	34	0	128
16:15-16:20	4	53	0	20	0	6	0	0	0	3	46	0	132
16:20-16:25	13	51	0	27	0	7	0	0	0	4	51	0	153
16:25-16:30	11	53	0	22	0	8	0	0	0	4	42	0	140
16:30-16:35	5	42	0	25	0	7	0	0	0	13	33	0	125
16:35-16:40	15	51	0	9	0	8	0	0	0	15	43	0	141
16:40-16:45	8	46	0	17	0	7	0	0	0	10	44	0	132
16:45-16:50	10	50	0	26	0	6	0	0	0	11	43	0	146
16:50-16:55	12	39	1	23	0	10	0	0	0	8	38	1	132
16:55-17:00	18	51	0	17	0	8	0	0	0	5	44	0	143
17:00-17:05	7	47	0	21	0	6	0	0	0	8	46	0	135
17:05-17:10	10	59	0	19	0	4	0	0	0	15	47	0	154
17:10-17:15	14	53	0	23	0	4	0	0	0	14	52	0	160
17:15-17:20	4	56	0	17	0	6	0	0	0	15	45	0	143
17:20-17:25	11	41	0	22	0	11	0	0	2	8	65	0	160
17:25-17:30	12	41	0	24	0	15	0	0	0	10	56	0	158
17:30-17:35	14	30	0	25	0	10	0	0	0	16	51	0	146
17:35-17:40	19	48	0	18	0	10	0	0	0	4	53	0	152
17:40-17:45	19	40	0	28	2	6	0	0	0	7	55	0	157
17:45-17:50	9	41	0	21	0	8	0	0	0	10	53	0	142
17:50-17:55	13	48	0	21	1	5	0	0	0	14	57	0	159
17:55-18:00	12	35	0	21	0	5	0	0	0	7	41	0	121
Total Survey	277	1119	1	490	3	180	0	0	2	238	1108	1	3419
PHF	.72	.83	0	.9	.25	.65	0	0	.25	.72	.91	0	.974
% Trucks	1.8	2.3	0	1.6	0	1.1	0	0	0	.4	.6	0	1.4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	1	0	0	0	0	0	0	0	0	5	0	
Hourly Totals													
16:00-17:00	133	580	1	230	0	90	0	0	0	110	487	1	1632
16:15-17:15	127	595	1	249	0	81	0	0	0	110	529	1	1693
16:30-17:30	126	576	1	243	0	92	0	0	2	132	556	1	1729
16:45-17:45	150	555	1	263	2	96	0	0	2	121	595	1	1786
17:00-18:00	144	539	0	260	3	90	0	0	2	128	621	0	1787

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
DENNEY ROAD AT HIGHWAY 217 SOUTHBOUND RAMPS



DATE OF COUNT: 04/13/99
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

WMAJ

Peak Hour
17:00-18:00
TEV=1787

Traffic Smithy
(503)641-6333

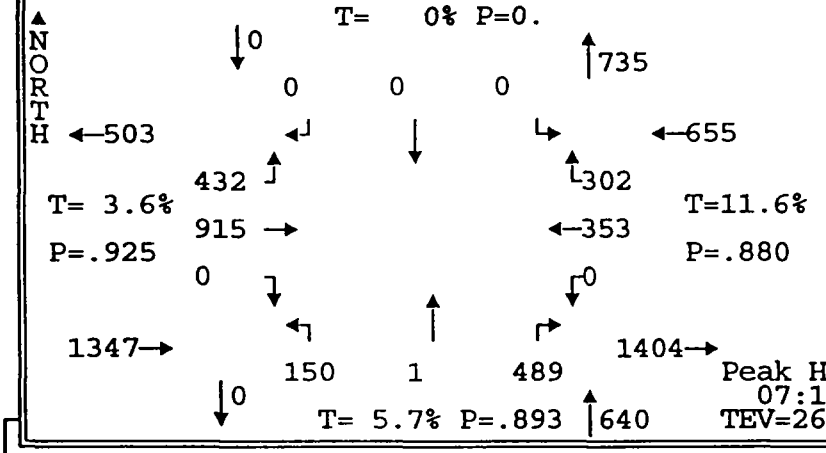
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	31	159	0	63	0	14	0	0	0	37	145	0	449
17:15-17:30	27	138	0	63	0	32	0	0	2	33	166	0	461
17:30-17:45	52	118	0	71	2	26	0	0	0	27	159	0	455
17:45-18:00	34	124	0	63	1	18	0	0	0	31	151	0	422
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	1	3	0	0	0	0	0	0	0	0	0	0	4
17:15-17:30	1	0	0	1	0	0	0	0	0	0	1	0	3
17:30-17:45	0	3	0	0	0	0	0	0	0	0	0	0	3
17:45-18:00	0	2	0	0	0	0	0	0	0	0	0	0	2
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	1	0	0	0	0	0	0	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	0	0	1	1
17:15-17:30	0	0	0	0	0
17:30-17:45	1	0	0	1	2
17:45-18:00	0	0	0	0	0

Peak Hour by Movement													
PHF	.69	.85	0	.92	.38	.7	0	0	.25	.86	.94	0	.969
% Trucks(all)	1.4	1.7	0	.4	0	0	0	0	0	0	.2	0	.7
% Trucks(M+H)	0	.2	0	0	0	0	0	0	0	0	0	0	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	133	580	1	230	0	90	0	0	0	110	487	1	1632
16:15-17:15	127	595	1	249	0	81	0	0	0	110	529	1	1693
16:30-17:30	126	576	1	243	0	92	0	0	2	132	556	1	1729
16:45-17:45	150	555	1	263	2	96	0	0	2	121	595	1	1786
17:00-18:00	144	539	0	260	3	90	0	0	2	128	621	0	1787

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
ALLEN BOULEVARD AT HIGHWAY 217 NORTHBOUND RAMPS

19291



DATE OF COUNT: 04/15/99
DAY OF WEEK: Thu
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

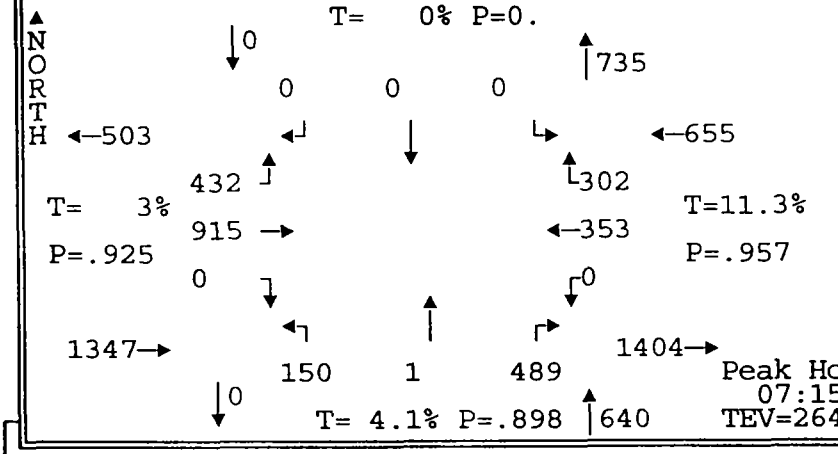
DJCD

Peak Hour
07:15-08:15
TEV=2642

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
07:00-07:05	0	77	32	0	0	0	11	0	30	0	20	40	210
07:05-07:10	0	68	27	0	0	0	5	0	31	0	30	24	185
07:10-07:15	0	77	33	0	0	0	9	0	48	0	27	30	224
07:15-07:20	0	64	39	0	0	0	10	0	33	0	31	19	196
07:20-07:25	0	76	36	0	0	0	17	0	51	0	34	25	239
07:25-07:30	0	80	36	0	0	0	15	0	52	0	28	28	239
07:30-07:35	0	81	31	0	0	0	13	0	31	0	35	19	210
07:35-07:40	0	64	46	0	0	0	17	0	39	0	33	17	216
07:40-07:45	0	74	37	0	0	0	9	0	34	0	27	36	217
07:45-07:50	0	75	33	0	0	0	11	0	53	0	30	29	231
07:50-07:55	0	77	33	0	0	0	13	0	53	0	37	27	240
07:55-08:00	0	73	28	0	0	0	8	0	21	0	15	14	159
08:00-08:05	0	94	26	0	0	0	12	1	39	0	32	34	238
08:05-08:10	0	74	33	0	0	0	14	0	54	0	21	26	222
08:10-08:15	0	83	54	0	0	0	11	0	29	0	30	28	235
08:15-08:20	0	69	26	0	0	0	13	0	35	0	25	24	192
08:20-08:25	0	59	23	0	0	0	14	1	48	0	21	30	196
08:25-08:30	0	64	37	0	0	0	9	0	38	0	24	37	209
08:30-08:35	0	69	30	0	0	0	11	0	37	0	34	23	204
08:35-08:40	0	51	36	0	0	0	22	1	20	0	35	27	192
08:40-08:45	0	60	39	0	0	0	16	0	23	0	25	19	182
08:45-08:50	0	62	25	0	0	0	14	0	21	0	32	38	192
08:50-08:55	0	51	23	0	0	0	15	0	31	0	29	24	173
08:55-09:00	0	55	27	0	0	0	18	0	33	0	17	15	165
Total Survey	0	1677	790	0	0	0	307	3	884	0	672	633	4966
PHF	0	.91	.93	0	0	0	.83	.25	.87	0	.91	.82	.950
% Trucks	0	4.4	2	0	0	0	5.2	0	5.9	0	12.4	10.9	6.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	0	886	411	0	0	0	138	0	476	0	347	308	2566
07:15-08:15	0	915	432	0	0	0	150	1	489	0	353	302	2642
07:30-08:30	0	887	407	0	0	0	144	2	474	0	330	321	2565
07:45-08:45	0	848	398	0	0	0	154	3	450	0	329	318	2500
08:00-09:00	0	791	379	0	0	0	169	3	408	0	325	325	2400

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
ALLEN BOULEVARD AT HIGHWAY 217 NORTHBOUND RAMPS



DATE OF COUNT: 04/15/99
DAY OF WEEK: Thu
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

DJCD

Peak Hour
07:15-08:15
TEV=2642

Traffic Smithy
(503)641-6333

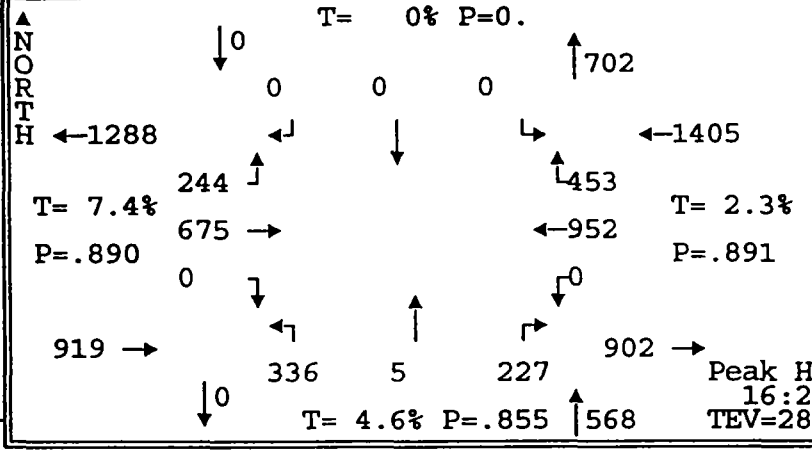
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
07:15-07:30	0	220	111	0	0	0	42	0	136	0	93	72	674
07:30-07:45	0	219	114	0	0	0	39	0	104	0	95	72	643
07:45-08:00	0	225	94	0	0	0	32	0	127	0	82	70	630
08:00-08:15	0	251	113	0	0	0	37	1	122	0	83	88	695
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
07:15-07:30	0	5	0	0	0	0	1	0	4	0	21	3	34
07:30-07:45	0	6	1	0	0	0	0	0	1	0	8	3	19
07:45-08:00	0	4	2	0	0	0	1	0	3	0	2	1	13
08:00-08:15	0	7	3	0	0	0	0	0	2	0	4	1	17
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
07:15-07:30	0	0	0	0	0	0	0	0	1	0	0	0	1
07:30-07:45	0	0	0	0	0	0	0	0	1	0	3	1	5
07:45-08:00	0	0	2	0	0	0	0	0	1	0	2	1	6
08:00-08:15	0	0	1	0	0	0	0	0	1	0	2	4	8
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
07:15-07:30	0	1	0	0	0	0	0	0	3	0	1	2	7
07:30-07:45	0	4	0	0	0	0	1	0	3	0	1	2	11
07:45-08:00	0	1	1	0	0	0	1	0	2	0	1	8	14
08:00-08:15	0	2	0	0	0	0	0	0	0	0	2	1	5
BICYCLES													
07:15-07:30	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30-07:45	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45-08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00-08:15	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
07:15-07:30	0	0	0	0	0
07:30-07:45	0	0	0	0	0
07:45-08:00	0	0	0	0	0
08:00-08:15	0	0	0	0	0

Peak Hour by Movement													
PHF	0	.91	.95	0	0	0	.89	.25	.9	0	.93	.86	.950
% Trucks(all)	0	3.3	2.3	0	0	0	2.7	0	4.5	0	13.3	8.9	5.3
% Trucks(M+H)	0	.9	.9	0	0	0	1.3	0	2.5	0	3.4	6.3	2.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	0	886	411	0	0	0	138	0	476	0	347	308	2566
07:15-08:15	0	915	432	0	0	0	150	1	489	0	353	302	2642
07:30-08:30	0	887	407	0	0	0	144	2	474	0	330	321	2565
07:45-08:45	0	848	398	0	0	0	154	3	450	0	329	318	2500
08:00-09:00	0	791	379	0	0	0	169	3	408	0	325	325	2400

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
ALLEN BOULEVARD AT HIGHWAY 217 NORTHBOUND RAMPS

19292



DATE OF COUNT: 04/15/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

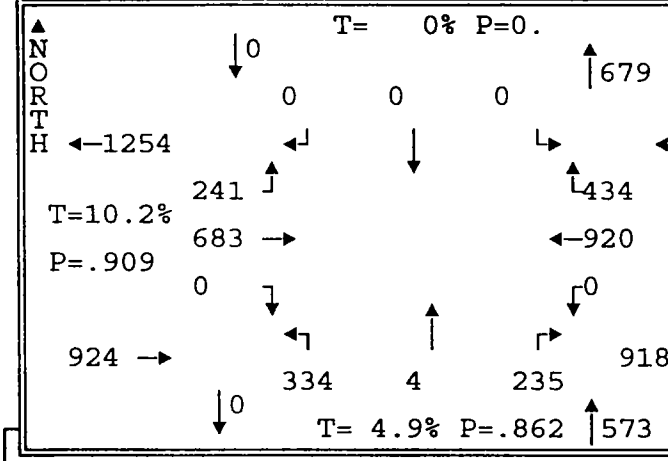
DJCE

Peak Hour
16:20-17:20
TEV=2892

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↙	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↰	ALL
16:00-16:05	0	53	26	0	0	0	28	1	19	0	46	25	198
16:05-16:10	0	54	14	0	0	0	31	0	20	0	78	38	235
16:10-16:15	0	59	14	0	0	0	33	0	15	0	73	44	238
16:15-16:20	0	58	18	0	0	0	26	0	26	0	51	18	197
16:20-16:25	0	56	21	0	0	0	23	0	19	0	80	39	238
16:25-16:30	0	68	14	0	0	0	38	1	33	0	76	29	259
16:30-16:35	0	68	18	0	0	0	29	0	14	0	58	41	228
16:35-16:40	0	66	24	0	0	0	23	3	18	0	81	39	254
16:40-16:45	0	53	25	0	0	0	29	0	18	0	95	25	245
16:45-16:50	0	58	21	0	0	0	29	0	11	0	79	54	252
16:50-16:55	0	54	16	0	0	0	23	0	16	0	65	28	202
16:55-17:00	0	62	18	0	0	0	30	0	23	0	81	31	245
17:00-17:05	0	53	21	0	0	0	34	0	28	0	71	39	246
17:05-17:10	0	37	20	0	0	0	30	0	21	0	87	54	249
17:10-17:15	0	50	25	0	0	0	20	0	8	0	96	37	236
17:15-17:20	0	50	21	0	0	0	28	1	18	0	83	37	238
17:20-17:25	0	52	16	0	0	0	20	0	16	0	63	33	200
17:25-17:30	0	53	30	0	0	0	36	0	21	0	64	33	237
17:30-17:35	0	62	20	0	0	0	27	0	20	0	72	32	233
17:35-17:40	0	62	20	0	0	0	42	0	25	0	59	29	237
17:40-17:45	0	62	19	0	0	0	28	0	19	0	71	17	216
17:45-17:50	0	67	11	0	0	0	29	0	20	0	59	19	205
17:50-17:55	0	49	26	0	0	0	24	0	25	0	65	25	214
17:55-18:00	0	42	13	0	0	0	28	0	14	0	65	23	185
Total Survey	0	1348	471	0	0	0	688	6	467	0	1718	789	5487
PHF	0	.84	.87	0	0	0	.89	.31	.79	0	.89	.87	.962
% Trucks	0	9.5	1.5	0	0	0	1.3	0	9.4	0	1.8	3.3	4.5
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	2	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	0	709	229	0	0	0	342	5	232	0	863	411	2791
16:15-17:15	0	683	241	0	0	0	334	4	235	0	920	434	2851
16:30-17:30	0	656	255	0	0	0	331	4	212	0	923	451	2832
16:45-17:45	0	655	247	0	0	0	347	1	226	0	891	424	2791
17:00-18:00	0	639	242	0	0	0	346	1	235	0	855	378	2696

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
ALLEN BOULEVARD AT HIGHWAY 217 NORTHBOUND RAMPS



DATE OF COUNT: 04/15/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

DJCE

Peak Hour
16:15-17:15
TEV=2851

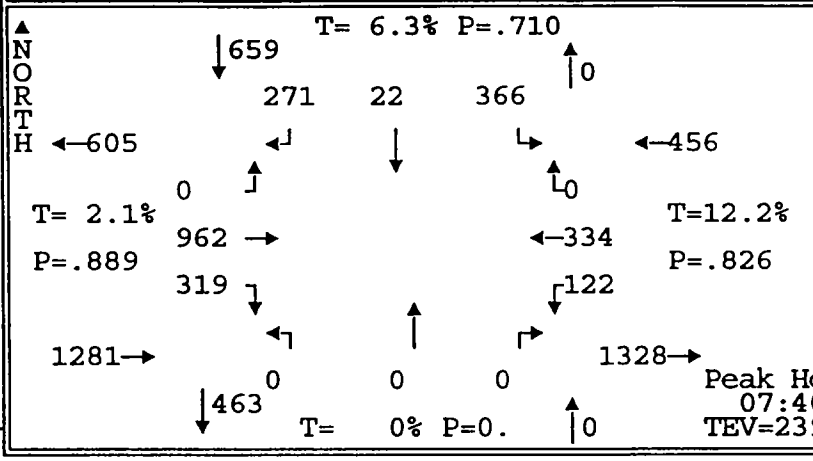
Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
16:15-16:30	0	182	53	0	0	0	87	1	78	0	207	86	694
16:30-16:45	0	187	67	0	0	0	81	3	50	0	234	105	727
16:45-17:00	0	174	55	0	0	0	82	0	50	0	225	113	699
17:00-17:15	0	140	66	0	0	0	84	0	57	0	254	130	731
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
16:15-16:30	0	46	3	1	0	0	1	0	10	0	3	3	67
16:30-16:45	0	27	0	1	0	0	1	0	4	0	1	0	34
16:45-17:00	0	8	0	0	0	0	0	0	2	0	1	1	12
17:00-17:15	0	3	0	0	0	0	0	0	0	0	4	1	8
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
16:15-16:30	0	1	0	0	0	0	0	0	0	0	0	0	1
16:30-16:45	0	1	0	0	0	0	0	0	0	0	0	0	1
16:45-17:00	0	0	0	0	0	0	1	0	2	0	0	0	3
17:00-17:15	0	0	0	0	0	0	0	0	2	0	0	0	2
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
16:15-16:30	0	0	0	0	0	0	0	0	3	0	2	4	9
16:30-16:45	0	1	1	0	0	0	0	0	2	0	2	3	9
16:45-17:00	0	2	1	0	0	0	0	0	0	0	1	4	8
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	1	1
BICYCLES													
16:15-16:30	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30-16:45	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
16:15-16:30	0	0	0	0	0
16:30-16:45	0	0	0	0	0
16:45-17:00	0	0	0	0	0
17:00-17:15	0	0	0	0	0

Peak Hour by Movement													
PHF	0	.91	.9	0	0	0	.96	.33	.75	0	.91	.83	.975
% Trucks(all)	0	13	2.1	0	0	0	.9	0	10.6	0	1.5	3.9	5.4
% Trucks(M+H)	0	.7	.8	0	0	0	.3	0	3.8	0	.5	2.8	1.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	0	709	229	0	0	0	342	5	232	0	863	411	2791
16:15-17:15	0	683	241	0	0	0	334	4	235	0	920	434	2851
16:30-17:30	0	656	255	0	0	0	331	4	212	0	923	451	2832
16:45-17:45	0	655	247	0	0	0	347	1	226	0	891	424	2791
17:00-18:00	0	639	242	0	0	0	346	1	235	0	855	378	2696

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
ALLEN BOULEVARD AT HIGHWAY 217 SOUTHBOUND RAMPS 19405



DATE OF COUNT: 04/22/99
DAY OF WEEK: Thu
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

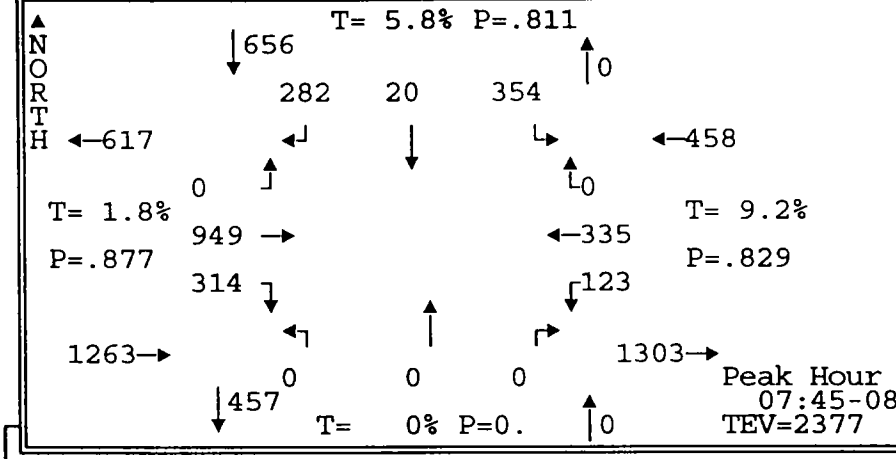
MCQN

Peak Hour
07:40-08:40
TEV=2396

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↱	WEST BOUND ←	WEST BOUND ↳	ALL
07:00-07:05	33	84	0	9	0	23	0	0	0	9	22	0	180
07:05-07:10	36	83	0	15	0	18	0	0	0	11	23	0	186
07:10-07:15	38	78	0	7	0	30	0	0	0	13	21	0	187
07:15-07:20	40	77	0	10	0	35	0	0	0	13	28	0	203
07:20-07:25	25	86	0	11	0	36	0	0	0	10	37	0	205
07:25-07:30	27	86	0	16	0	27	0	0	0	11	25	0	192
07:30-07:35	16	68	0	9	0	43	0	0	0	12	19	0	167
07:35-07:40	34	70	0	7	1	20	0	0	0	19	39	0	190
07:40-07:45	34	78	0	10	4	40	0	0	0	10	22	0	198
07:45-07:50	22	84	0	11	0	48	0	0	0	19	38	0	222
07:50-07:55	21	96	0	7	0	24	0	0	0	12	33	0	193
07:55-08:00	43	94	0	8	0	25	0	0	0	9	27	0	206
08:00-08:05	18	80	0	18	3	38	0	0	0	7	16	0	180
08:05-08:10	29	88	0	11	0	22	0	0	0	9	18	0	177
08:10-08:15	21	87	0	11	0	28	0	0	0	8	35	0	190
08:15-08:20	34	68	0	14	2	35	0	0	0	12	25	0	190
08:20-08:25	33	59	0	49	3	23	0	0	0	8	27	0	202
08:25-08:30	27	82	0	46	4	24	0	0	0	7	29	0	219
08:30-08:35	16	82	0	45	3	35	0	0	0	11	23	0	215
08:35-08:40	21	64	0	41	3	24	0	0	0	10	41	0	204
08:40-08:45	29	65	0	21	2	28	0	0	0	11	23	0	179
08:45-08:50	21	52	0	13	1	34	0	0	0	13	24	0	158
08:50-08:55	17	90	0	20	0	30	0	0	0	16	48	0	221
08:55-09:00	21	77	0	26	0	28	0	0	0	13	34	0	199
Total Survey	656	1878	0	435	26	718	0	0	0	273	677	0	4663
PHF	.85	.88	0	.48	.55	.82	0	0	0	.74	.85	0	.938
% Trucks	1.5	2.3	0	3.7	0	8.1	0	0	0	17.9	9.9	0	5.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	369	984	0	120	5	369	0	0	0	148	334	0	2329
07:15-08:15	330	994	0	129	8	386	0	0	0	139	337	0	2323
07:30-08:30	332	954	0	201	17	370	0	0	0	132	328	0	2334
07:45-08:45	314	949	0	282	20	354	0	0	0	123	335	0	2377
08:00-09:00	287	894	0	315	21	349	0	0	0	125	343	0	2334

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
ALLEN BOULEVARD AT HIGHWAY 217 SOUTHBOUND RAMPS



DATE OF COUNT: 04/22/99
DAY OF WEEK: Thu
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

MCQN

Peak Hour
07:45-08:45
TEV=2377

Traffic Smithy
(503)641-6333

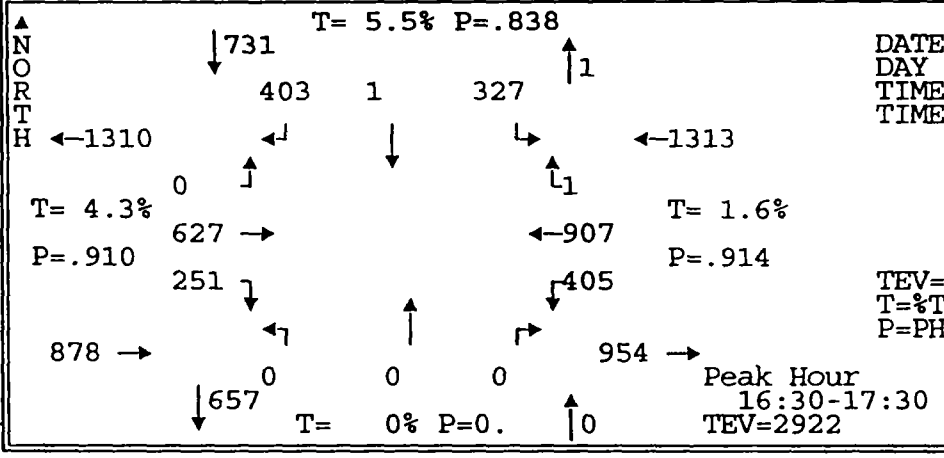
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
07:45-08:00	86	274	0	26	0	97	0	0	0	40	98	0	621
08:00-08:15	68	255	0	40	3	88	0	0	0	24	69	0	547
08:15-08:30	94	209	0	109	9	82	0	0	0	27	81	0	611
08:30-08:45	66	211	0	107	8	87	0	0	0	32	87	0	598
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
07:45-08:00	1	3	0	2	0	0	0	0	0	1	6	0	13
08:00-08:15	1	3	0	1	0	5	0	0	0	3	3	0	16
08:15-08:30	0	1	0	2	0	1	0	0	0	2	6	0	12
08:30-08:45	0	4	0	3	0	6	0	0	0	2	7	0	22
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
07:45-08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00-08:15	1	0	0	0	0	1	0	0	0	0	0	0	2
08:15-08:30	0	1	0	0	0	2	0	0	0	1	0	0	4
08:30-08:45	1	2	0	0	0	0	0	0	0	0	0	0	3
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
07:45-08:00	0	1	0	0	0	2	0	0	0	1	0	0	4
08:00-08:15	1	1	0	1	0	4	0	0	0	1	0	0	8
08:15-08:30	0	1	0	1	0	4	0	0	0	2	0	0	8
08:30-08:45	1	0	0	1	0	2	0	0	0	6	1	0	11
BICYCLES													
07:45-08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00-08:15	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15-08:30	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30-08:45	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
07:45-08:00	0	0	0	0	0
08:00-08:15	0	0	0	0	0
08:15-08:30	0	0	0	0	0
08:30-08:45	0	0	0	0	0

Peak Hour by Movement													
PHF	.84	.87	0	.65	.56	.91	0	0	0	.77	.85	0	.956
% Trucks(all)	1.9	1.8	0	3.9	0	7.6	0	0	0	15.4	6.9	0	4.3
% Trucks(M+H)	1.3	.6	0	1.1	0	4.2	0	0	0	8.9	.3	0	1.7
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	369	984	0	120	5	369	0	0	0	148	334	0	2329
07:15-08:15	330	994	0	129	8	386	0	0	0	139	337	0	2323
07:30-08:30	332	954	0	201	17	370	0	0	0	132	328	0	2334
07:45-08:45	314	949	0	282	20	354	0	0	0	123	335	0	2377
08:00-09:00	287	894	0	315	21	349	0	0	0	125	343	0	2334

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
ALLEN BOULEVARD AT HIGHWAY 217 SOUTHBOUND RAMPS

1957



DATE OF COUNT: 04/21/99
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

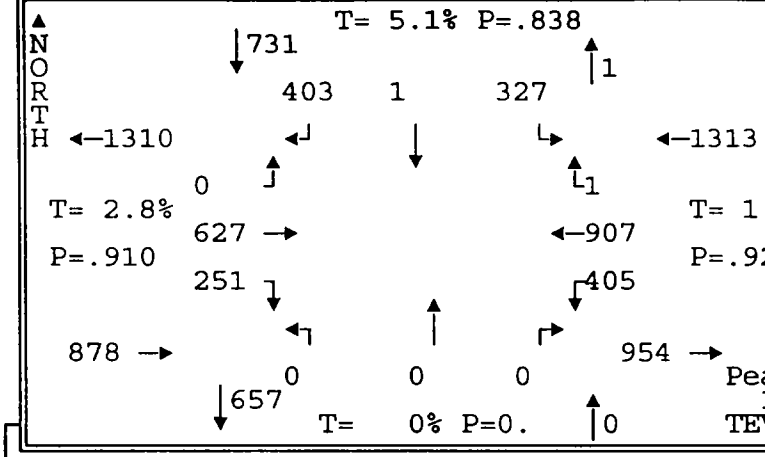
MCQM

Peak Hour
16:30-17:30
TEV=2922

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	32	51	0	27	1	19	0	0	0	30	61	0	221
16:05-16:10	21	62	0	34	0	22	0	0	0	36	57	0	232
16:10-16:15	22	43	0	34	0	29	0	0	0	25	46	0	199
16:15-16:20	23	62	0	28	0	19	0	0	0	19	53	0	204
16:20-16:25	33	40	0	32	0	29	0	0	0	29	75	0	238
16:25-16:30	22	59	0	37	0	24	0	0	0	20	66	0	228
16:30-16:35	18	61	0	35	0	22	0	0	0	27	67	0	230
16:35-16:40	26	61	0	29	0	28	0	0	0	45	89	0	278
16:40-16:45	20	52	0	28	0	21	0	0	0	33	64	1	219
16:45-16:50	25	39	0	31	0	23	0	0	0	28	91	0	237
16:50-16:55	22	46	0	47	0	33	0	0	0	30	71	0	249
16:55-17:00	15	48	0	29	0	17	0	0	0	30	68	0	207
17:00-17:05	18	63	0	31	0	23	0	0	0	30	76	0	241
17:05-17:10	21	47	0	26	0	33	0	0	0	47	69	0	243
17:10-17:15	17	38	0	27	0	30	0	0	0	47	85	0	244
17:15-17:20	17	53	0	43	0	27	0	0	0	31	80	0	251
17:20-17:25	27	50	0	38	1	35	0	0	0	33	82	0	266
17:25-17:30	25	69	0	39	0	35	0	0	0	24	65	0	257
17:30-17:35	15	49	0	52	1	29	0	0	0	25	59	0	230
17:35-17:40	26	51	0	43	0	22	0	0	0	21	72	0	235
17:40-17:45	19	65	0	37	1	25	0	0	0	22	72	0	241
17:45-17:50	14	52	0	54	2	21	0	0	0	20	74	0	237
17:50-17:55	15	44	0	46	2	29	0	0	0	18	52	0	206
17:55-18:00	13	46	0	40	0	22	0	0	0	25	75	0	221
Total Survey	506	1251	0	867	8	617	0	0	0	695	1669	1	5614
PHF	.88	.9	0	.84	.25	.84	0	0	0	.81	.92	.25	.943
% Trucks	3.4	4.7	0	.6	0	12.5	0	0	0	2.9	1.1	0	3.5
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	5	0	
Hourly Totals													
16:00-17:00	279	624	0	391	1	286	0	0	0	352	808	1	2742
16:15-17:15	260	616	0	380	0	302	0	0	0	385	874	1	2818
16:30-17:30	251	627	0	403	1	327	0	0	0	405	907	1	2922
16:45-17:45	247	618	0	443	3	332	0	0	0	368	890	0	2901
17:00-18:00	227	627	0	476	7	331	0	0	0	343	861	0	2872

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
ALLEN BOULEVARD AT HIGHWAY 217 SOUTHBOUND RAMPS



DATE OF COUNT: 04/21/99
DAY OF WEEK: Wed
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

MCQM

Peak Hour
16:30-17:30
TEV=2922

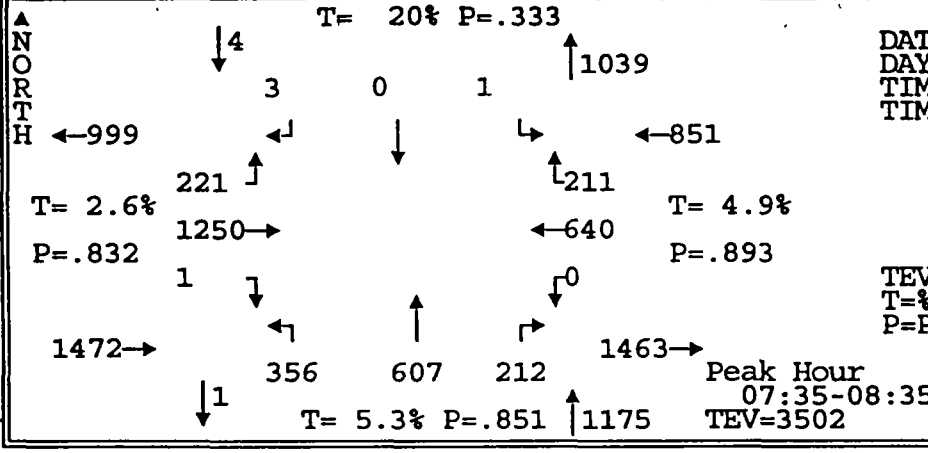
Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
16:30-16:45	64	174	0	92	0	71	0	0	0	105	220	1	727
16:45-17:00	62	133	0	107	0	73	0	0	0	88	230	0	693
17:00-17:15	56	148	0	84	0	86	0	0	0	124	230	0	728
17:15-17:30	69	172	0	120	1	97	0	0	0	88	227	0	774
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
16:30-16:45	4	5	0	0	0	18	0	0	0	2	3	0	32
16:45-17:00	3	4	0	0	0	2	0	0	0	0	3	0	12
17:00-17:15	2	3	0	2	0	3	0	0	0	1	2	0	13
17:15-17:30	1	1	0	1	0	2	0	0	0	2	0	0	7
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
16:30-16:45	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45-17:00	0	1	0	0	0	0	0	0	0	0	0	0	1
17:00-17:15	1	0	0	0	0	0	0	0	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
16:30-16:45	0	0	0	0	0	2	0	0	0	0	0	0	2
16:45-17:00	0	0	0	0	0	0	0	0	0	2	0	0	2
17:00-17:15	0	0	0	0	0	3	0	0	0	0	0	0	3
17:15-17:30	0	0	0	0	0	4	0	0	0	3	0	0	7
BICYCLES													
16:30-16:45	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
16:30-16:45	0	0	0	2	2
16:45-17:00	0	0	0	0	0
17:00-17:15	0	0	0	1	1
17:15-17:30	0	0	0	1	1

Peak Hour by Movement													
PHF	.91	.9	0	.84	.25	.84	0	0	0	.82	.99	.25	.943
% Trucks(all)	4.4	2.2	0	.7	0	10.4	0	0	0	2.5	.9	0	2.7
% Trucks(M+H)	.4	.2	0	0	0	2.8	0	0	0	1.2	0	0	.5
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	279	624	0	391	1	286	0	0	0	352	808	1	2742
16:15-17:15	260	616	0	380	0	302	0	0	0	385	874	1	2818
16:30-17:30	251	627	0	403	1	327	0	0	0	405	907	1	2922
16:45-17:45	247	618	0	443	3	332	0	0	0	368	890	0	2901
17:00-18:00	227	627	0	476	7	331	0	0	0	343	861	0	2872

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
BEAVERTON-HILLSDALE HIGHWAY AT HIGHWAY 217 NORTHBOUND RAMPS 19249



DATE OF COUNT: 04/13/99
DAY OF WEEK: Tue
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

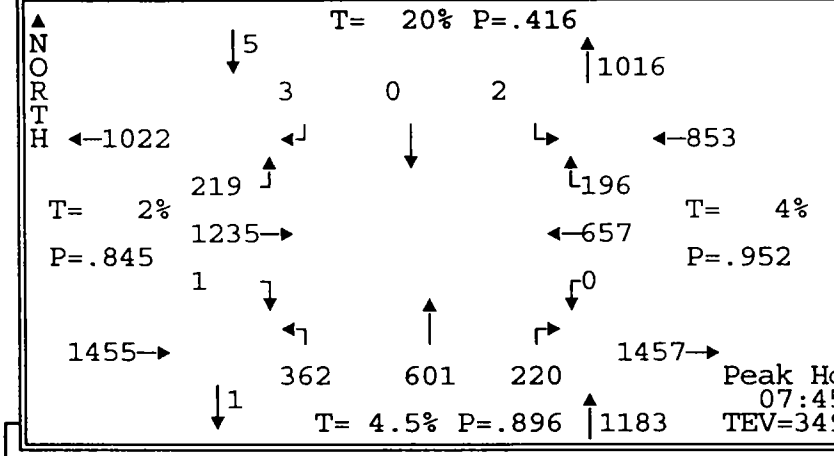
MCQI

Peak Hour
07:35-08:35
TEV=3502

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↱	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↰	ALL
07:00-07:05	0	67	17	0	0	0	11	36	17	0	39	16	203
07:05-07:10	0	77	20	0	0	0	20	29	16	0	47	11	220
07:10-07:15	0	50	13	0	0	0	39	44	22	0	37	13	218
07:15-07:20	0	88	7	0	0	0	41	42	16	0	58	26	278
07:20-07:25	0	97	16	0	0	0	28	50	19	0	40	21	271
07:25-07:30	0	96	18	0	0	0	39	51	18	0	32	22	276
07:30-07:35	0	88	13	0	0	0	19	68	14	0	39	26	267
07:35-07:40	0	117	21	0	0	0	18	60	12	0	39	17	284
07:40-07:45	0	63	16	0	0	0	25	52	16	0	38	24	234
07:45-07:50	0	93	19	0	0	0	16	36	14	0	69	19	266
07:50-07:55	0	152	20	3	0	0	13	30	14	0	71	17	320
07:55-08:00	0	71	11	0	0	0	41	53	21	0	34	14	245
08:00-08:05	0	78	17	0	0	0	40	49	20	0	59	13	276
08:05-08:10	0	119	21	0	0	0	40	47	9	0	57	15	308
08:10-08:15	0	92	14	0	0	0	48	54	17	0	52	28	305
08:15-08:20	0	90	16	0	0	1	26	79	25	0	55	20	312
08:20-08:25	0	151	24	0	0	0	24	51	17	0	51	13	331
08:25-08:30	1	121	27	0	0	0	30	51	27	0	62	14	333
08:30-08:35	0	103	15	0	0	0	35	45	20	0	53	17	288
08:35-08:40	0	82	16	0	0	1	19	50	22	0	47	12	249
08:40-08:45	0	83	19	0	0	0	30	56	14	0	47	14	263
08:45-08:50	0	88	15	0	0	0	17	45	9	0	63	13	250
08:50-08:55	0	83	10	0	0	0	28	41	13	0	46	16	237
08:55-09:00	0	114	15	0	0	0	35	53	27	0	34	19	297
Total Survey	1	2263	400	3	0	2	682	1172	419	0	1169	420	6531
PHF	.25	.83	.82	.25	0	.25	.7	.82	.77	0	.9	.84	.897
% Trucks	0	2.7	1.5	0	0	50	4.7	5.6	5.3	0	4.3	6.7	4.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	3	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	0	1059	191	3	0	0	310	551	199	0	543	226	3082
07:15-08:15	0	1154	193	3	0	0	368	592	190	0	588	242	3330
07:30-08:30	1	1235	219	3	0	1	340	630	206	0	626	220	3481
07:45-08:45	1	1235	219	3	0	2	362	601	220	0	657	196	3496
08:00-09:00	1	1204	209	0	0	2	372	621	220	0	626	194	3449

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
BEAVERTON-HILLSDALE HIGHWAY AT HIGHWAY 217 NORTHBOUND RAMPS



DATE OF COUNT: 04/13/99
DAY OF WEEK: Tue
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

MCQI

Peak Hour
07:45-08:45
TEV=3496

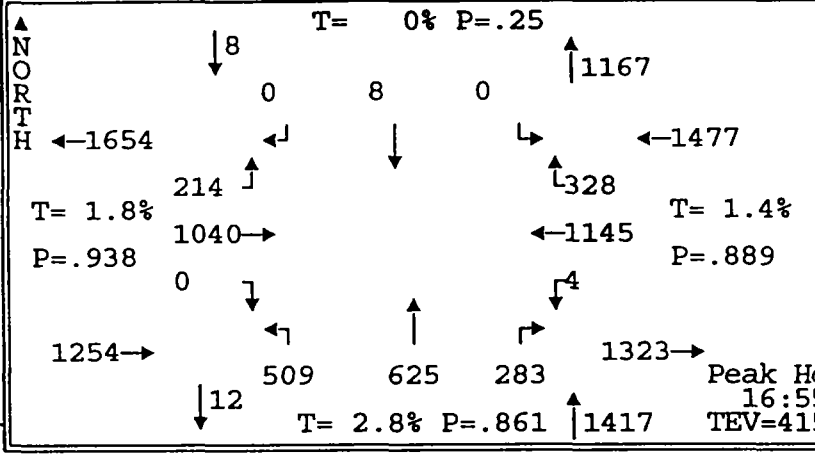
Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↴	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
07:45-08:00	0	316	50	3	0	0	70	119	49	0	174	50	831
08:00-08:15	0	289	52	0	0	0	128	150	46	0	168	56	889
08:15-08:30	1	362	67	0	0	1	80	181	69	0	168	47	976
08:30-08:45	0	268	50	0	0	1	84	151	56	0	147	43	800
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
07:45-08:00	0	2	0	0	0	0	2	4	0	0	5	2	15
08:00-08:15	0	6	0	0	0	0	4	1	1	0	4	1	17
08:15-08:30	0	2	1	0	0	0	1	8	1	0	6	3	22
08:30-08:45	0	8	1	0	0	1	4	4	4	0	4	0	26
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
07:45-08:00	0	0	0	0	0	0	0	1	0	0	0	0	1
08:00-08:15	0	1	0	0	0	0	1	0	0	0	0	1	3
08:15-08:30	0	0	0	0	0	0	0	1	0	0	0	0	1
08:30-08:45	0	1	0	0	0	0	0	1	0	0	1	1	4
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
07:45-08:00	0	1	0	0	0	0	1	2	0	0	1	0	5
08:00-08:15	0	3	0	0	0	0	3	1	0	0	0	1	8
08:15-08:30	0	1	0	0	0	0	0	3	0	0	2	0	6
08:30-08:45	0	2	0	0	0	0	1	2	2	0	2	0	9
BICYCLES													
07:45-08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00-08:15	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15-08:30	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30-08:45	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
07:45-08:00	0	1	0	0	1
08:00-08:15	0	2	0	0	2
08:15-08:30	0	0	0	0	0
08:30-08:45	0	0	0	0	0

Peak Hour by Movement													
PHF	.25	.85	.82	.25	0	.5	.71	.83	.8	0	.94	.88	.895
% Trucks(all)	0	2.2	.9	0	0	50	4.7	4.7	3.6	0	3.8	4.6	3.3
% Trucks(M+H)	0	.7	0	0	0	0	1.7	1.8	.9	0	.9	1.5	1.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	0	1059	191	3	0	0	310	551	199	0	543	226	3082
07:15-08:15	0	1154	193	3	0	0	368	592	190	0	588	242	3330
07:30-08:30	1	1235	219	3	0	1	340	630	206	0	626	220	3481
07:45-08:45	1	1235	219	3	0	2	362	601	220	0	657	196	3496
08:00-09:00	1	1204	209	0	0	2	372	621	220	0	626	194	3449

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
BEAVERTON-HILLSDALE HIGHWAY AT HIGHWAY 217 NORTHBOUND RAMPS 19381



DATE OF COUNT: 04/22/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

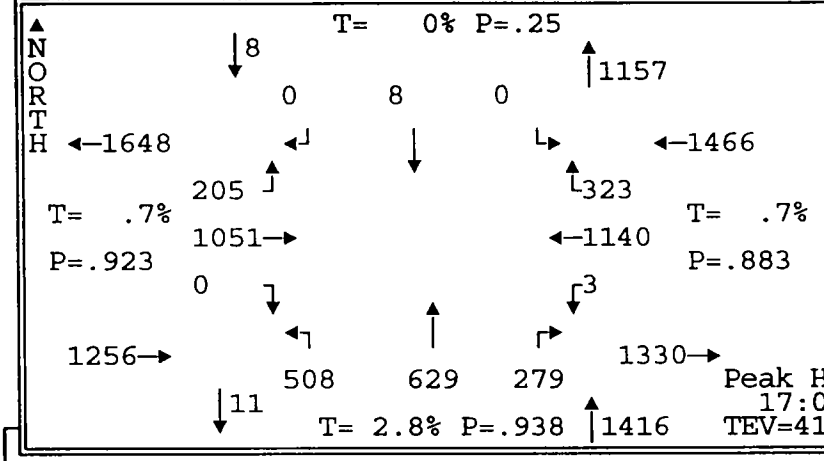
MCQO

Peak Hour
16:55-17:55
TEV=4156

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	0	100	6	0	0	0	46	52	20	0	94	28	346
16:05-16:10	0	86	12	0	0	0	30	44	18	0	75	27	292
16:10-16:15	0	83	10	0	0	0	39	52	25	0	82	32	323
16:15-16:20	0	89	7	0	0	0	47	49	20	0	105	20	337
16:20-16:25	0	102	16	0	0	0	47	42	28	0	96	28	359
16:25-16:30	0	93	25	0	0	0	52	48	25	0	94	16	353
16:30-16:35	0	81	21	0	0	0	44	48	18	0	96	33	341
16:35-16:40	0	92	19	0	0	0	32	49	20	0	111	37	360
16:40-16:45	0	92	21	0	0	0	44	63	16	0	92	27	355
16:45-16:50	0	89	23	0	0	0	53	63	21	0	97	26	372
16:50-16:55	0	103	9	0	0	0	32	43	22	0	100	31	340
16:55-17:00	0	92	19	0	0	0	38	42	29	1	99	28	348
17:00-17:05	0	89	18	0	0	0	37	50	21	0	94	28	337
17:05-17:10	0	72	17	0	0	0	35	45	19	0	90	22	300
17:10-17:15	0	70	15	0	8	0	41	45	21	2	92	28	322
17:15-17:20	0	87	13	0	0	0	48	65	9	0	67	28	317
17:20-17:25	0	87	23	0	0	0	36	48	15	1	83	24	317
17:25-17:30	0	100	15	0	0	0	51	66	26	0	98	20	376
17:30-17:35	0	87	22	0	0	0	48	52	31	0	112	40	392
17:35-17:40	0	80	18	0	0	0	44	62	31	0	109	28	372
17:40-17:45	0	83	20	0	0	0	34	43	32	0	96	30	338
17:45-17:50	0	96	15	0	0	0	54	50	31	0	110	25	381
17:50-17:55	0	97	19	0	0	0	43	57	18	0	95	27	356
17:55-18:00	0	103	10	0	0	0	37	46	25	0	94	23	338
Total Survey	0	2153	393	0	8	0	1012	1224	541	4	2281	656	8272
PHF	0	.94	.89	0	.25	0	.89	.87	.75	.33	.9	.84	.911
% Trucks	0	2.1	.5	0	0	0	2.8	3.3	2	0	1.3	1.5	2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	5	0	0	0	0	0	1	0	0	15	0	
Hourly Totals													
16:00-17:00	0	1102	188	0	0	0	504	595	262	1	1141	333	4126
16:15-17:15	0	1064	210	0	8	0	502	587	260	3	1166	324	4124
16:30-17:30	0	1054	213	0	8	0	491	627	237	4	1119	332	4085
16:45-17:45	0	1039	212	0	8	0	497	624	277	4	1137	333	4131
17:00-18:00	0	1051	205	0	8	0	508	629	279	3	1140	323	4146

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
BEAVERTON-HILLSDALE HIGHWAY AT HIGHWAY 217 NORTHBOUND RAMPS



DATE OF COUNT: 04/22/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

MCQO

Peak Hour
17:00-18:00
TEV=4146

Traffic Smithy
(503)641-6333

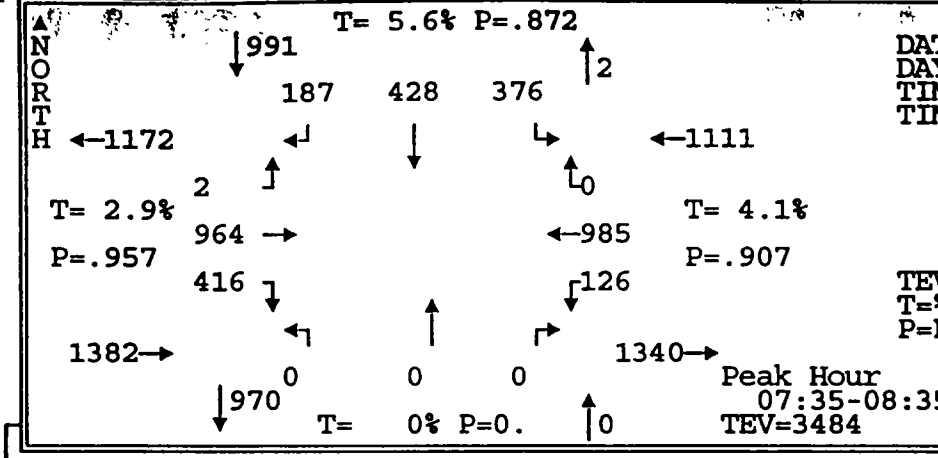
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	0	231	50	0	8	0	113	140	61	2	276	78	959
17:15-17:30	0	274	51	0	0	0	135	179	50	1	248	72	1010
17:30-17:45	0	250	60	0	0	0	126	157	94	0	317	98	1102
17:45-18:00	0	296	44	0	0	0	134	153	74	0	299	75	1075
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	1	0	0	0	0	5	6	0	0	2	0	14
17:15-17:30	0	1	0	0	0	0	1	3	0	0	2	0	7
17:30-17:45	0	1	0	0	0	0	2	3	1	0	3	0	10
17:45-18:00	0	3	0	0	0	0	8	1	1	0	1	0	14
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	1	0	0	0	0	1	0	0	0	0	2
17:30-17:45	0	0	0	0	0	0	0	1	0	0	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	1	0	0	0	1
17:15-17:30	0	1	0	0	0	0	0	1	0	0	0	0	2
17:30-17:45	0	1	0	0	0	0	1	2	0	0	0	0	4
17:45-18:00	0	0	0	0	0	0	0	0	2	0	1	1	4
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	1	0	1
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	1	0	0	0	0	0	0	0	0	1	0	2
17:45-18:00	0	0	0	0	0	0	0	0	0	0	1	0	1

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	0	0	1	1
17:15-17:30	2	0	0	0	2
17:30-17:45	0	0	0	0	0
17:45-18:00	0	0	0	2	2

Peak Hour by Movement													
PHF	0	.89	.85	0	.25	0	.94	.88	.74	.38	.9	.82	.940
% Trucks(all)	0	.8	.5	0	0	0	3.3	2.9	1.8	0	.8	.3	1.4
% Trucks(M+H)	0	.2	.5	0	0	0	.2	.8	1.1	0	.1	.3	.3
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	0	1102	188	0	0	0	504	595	262	1	1141	333	4126
16:15-17:15	0	1064	210	0	8	0	502	587	260	3	1166	324	4124
16:30-17:30	0	1054	213	0	8	0	491	627	237	4	1119	332	4085
16:45-17:45	0	1039	212	0	8	0	497	624	277	4	1137	333	4131
17:00-18:00	0	1051	205	0	8	0	508	629	279	3	1140	323	4146

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
BEAVERTON-HILLSDALE HIGHWAY AT HIGHWAY 217 SOUTHBOUND ON RAMP 1925



DATE OF COUNT: 04/13/99
DAY OF WEEK: Tue
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

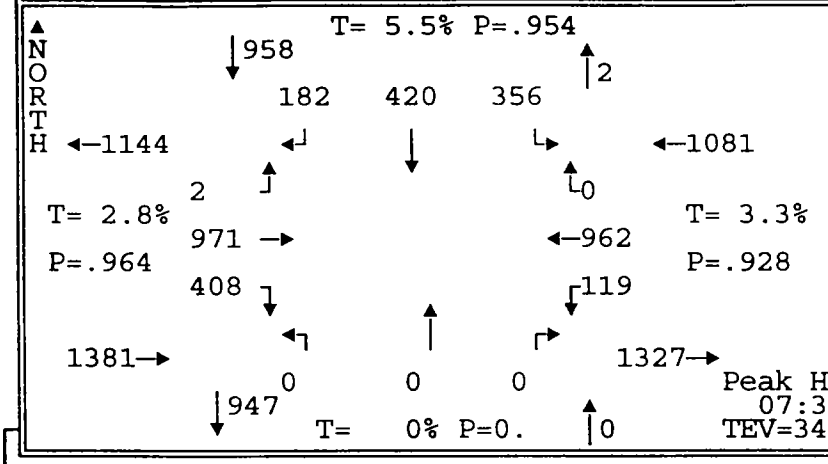
Peak Hour
07:35-08:35
TEV=3484

ERUA

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
07:00-07:05	31	76	0	6	25	23	0	0	0	7	41	0	209
07:05-07:10	39	68	0	7	25	14	0	0	0	9	45	0	207
07:10-07:15	34	66	0	8	33	12	0	0	0	8	54	0	215
07:15-07:20	29	59	0	13	32	13	0	0	0	5	91	0	242
07:20-07:25	29	74	0	9	36	22	0	0	0	8	67	0	245
07:25-07:30	33	81	0	14	31	24	0	0	0	11	69	0	263
07:30-07:35	27	101	0	11	30	22	0	0	0	8	63	0	262
07:35-07:40	32	84	2	11	34	20	0	0	0	8	67	0	258
07:40-07:45	44	68	0	11	46	41	0	0	0	6	84	0	300
07:45-07:50	40	69	0	17	25	24	0	0	0	14	73	0	262
07:50-07:55	36	98	0	23	48	24	0	0	0	12	107	0	348
07:55-08:00	40	72	0	23	36	31	0	0	0	7	78	0	287
08:00-08:05	31	84	0	19	23	28	0	0	0	9	93	0	287
08:05-08:10	29	70	0	13	31	28	0	0	0	13	86	0	270
08:10-08:15	22	80	0	20	37	33	0	0	0	11	58	0	261
08:15-08:20	49	90	0	7	30	24	0	0	0	7	91	0	298
08:20-08:25	31	76	0	14	41	39	0	0	0	17	84	0	302
08:25-08:30	27	79	0	13	39	42	0	0	0	7	78	0	285
08:30-08:35	35	94	0	16	38	42	0	0	0	15	86	0	326
08:35-08:40	31	72	0	17	19	26	0	0	0	33	46	0	244
08:40-08:45	29	61	0	17	30	27	0	0	0	13	71	0	248
08:45-08:50	31	82	0	11	22	21	0	0	0	17	72	0	256
08:50-08:55	31	68	0	17	40	19	0	0	0	17	55	0	247
08:55-09:00	35	62	0	14	37	26	0	0	0	11	84	0	269
Total Survey	795	1834	2	331	788	625	0	0	0	273	1743	0	6391
PHF	.87	.95	.25	.72	.9	.76	0	0	0	.81	.89	0	.944
% Trucks	3.5	2.7	0	1.5	7	5.9	0	0	0	4	4.1	0	4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	2	0	0	3	0	0	0	0	0	8	0	
Hourly Totals													
07:00-08:00	414	916	2	153	401	270	0	0	0	103	839	0	3098
07:15-08:15	392	940	2	184	409	310	0	0	0	112	936	0	3285
07:30-08:30	408	971	2	182	420	356	0	0	0	119	962	0	3420
07:45-08:45	400	945	0	199	397	368	0	0	0	158	951	0	3418
08:00-09:00	381	918	0	178	387	355	0	0	0	170	904	0	3293

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
BEAVERTON-HILLSDALE HIGHWAY AT HIGHWAY 217 SOUTHBOUND ON RAMP



DATE OF COUNT: 04/13/99
DAY OF WEEK: Tue
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

ERUA

Peak Hour
07:30-08:30
TEV=3420

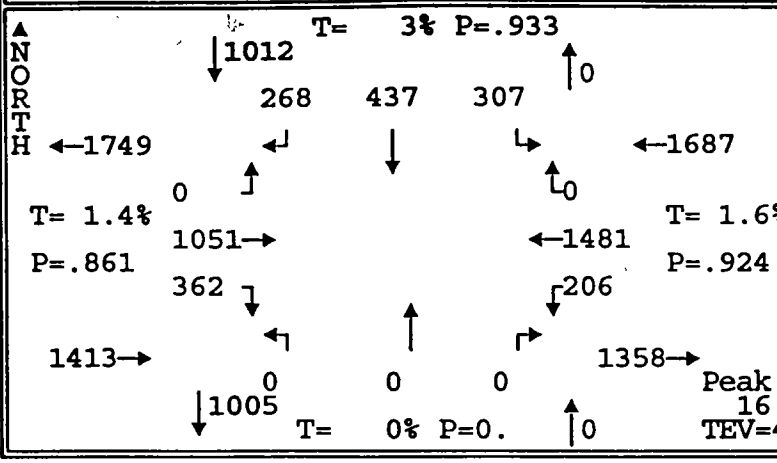
Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↓	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
07:30-07:45	103	253	2	33	110	83	0	0	0	22	214	0	820
07:45-08:00	116	239	0	63	109	79	0	0	0	33	258	0	897
08:00-08:15	82	234	0	52	91	89	0	0	0	33	237	0	818
08:15-08:30	107	245	0	34	110	105	0	0	0	31	253	0	885
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
07:30-07:45	4	6	0	0	3	6	0	0	0	0	4	0	23
07:45-08:00	0	4	0	1	2	2	0	0	0	1	8	0	18
08:00-08:15	1	5	0	1	2	3	0	0	0	0	1	0	13
08:15-08:30	3	3	0	0	6	2	0	0	0	2	10	0	26
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
07:30-07:45	2	0	0	0	6	1	0	0	0	0	1	0	10
07:45-08:00	0	0	0	0	1	0	0	0	0	0	0	0	1
08:00-08:15	0	1	0	0	2	1	0	0	0	2	1	0	7
08:15-08:30	2	0	0	0	1	2	0	0	0	0	1	0	6
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
07:30-07:45	1	1	0	0	1	1	0	0	0	0	1	0	5
07:45-08:00	1	0	0	0	1	0	0	0	0	0	2	0	4
08:00-08:15	1	1	0	0	2	2	0	0	0	1	0	0	7
08:15-08:30	2	0	0	1	2	1	0	0	0	1	0	0	7
BICYCLES													
07:30-07:45	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45-08:00	0	0	0	0	0	0	0	0	0	0	1	0	1
08:00-08:15	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15-08:30	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
07:30-07:45	0	0	0	0	0
07:45-08:00	0	1	0	2	3
08:00-08:15	1	1	0	0	2
08:15-08:30	0	0	0	3	3

Peak Hour by Movement													
PHF	.88	.96	.25	.72	.95	.85	0	0	0	.9	.93	0	.953
% Trucks(all)	4.2	2.2	0	1.6	6.9	5.9	0	0	0	5.9	3	0	3.7
% Trucks(M+H)	2.2	.3	0	.5	3.8	2.2	0	0	0	3.4	.6	0	1.4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	414	916	2	153	401	270	0	0	0	103	839	0	3098
07:15-08:15	392	940	2	184	409	310	0	0	0	112	936	0	3285
07:30-08:30	408	971	2	182	420	356	0	0	0	119	962	0	3420
07:45-08:45	400	945	0	199	397	368	0	0	0	158	951	0	3418
08:00-09:00	381	918	0	178	387	355	0	0	0	170	904	0	3293

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
BEAVERTON-HILLSDALE HIGHWAY AT HIGHWAY 217 SOUTHBOUND ON RAMP 19251



DATE OF COUNT: 04/13/99
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

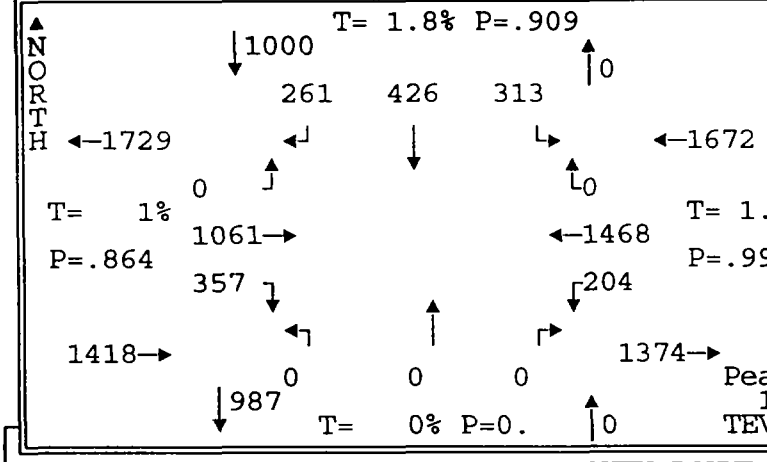
ERUB

Peak Hour
16:55-17:55
TEV=4112

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	20	77	0	22	27	24	0	0	0	9	105	0	284
16:05-16:10	21	81	0	24	31	20	0	0	0	10	116	0	303
16:10-16:15	25	82	0	20	38	22	0	0	0	13	113	0	313
16:15-16:20	21	90	1	19	21	28	0	0	0	13	114	0	307
16:20-16:25	13	80	0	27	31	22	0	0	0	13	87	0	273
16:25-16:30	29	101	0	26	25	29	0	0	0	4	126	0	340
16:30-16:35	33	83	0	16	35	25	0	0	0	11	109	0	312
16:35-16:40	21	77	0	24	35	24	0	0	0	16	121	0	318
16:40-16:45	25	88	0	31	38	16	0	0	0	13	121	0	332
16:45-16:50	22	66	0	20	27	31	0	0	0	12	119	0	297
16:50-16:55	20	74	0	21	42	23	0	0	0	19	124	0	323
16:55-17:00	36	72	0	31	43	25	0	0	0	18	114	0	339
17:00-17:05	37	87	0	13	31	30	0	0	0	17	139	0	354
17:05-17:10	37	106	0	15	37	18	0	0	0	16	115	0	344
17:10-17:15	39	104	0	24	30	25	0	0	0	21	111	0	354
17:15-17:20	22	86	0	19	30	23	0	0	0	25	124	0	329
17:20-17:25	25	97	0	22	35	21	0	0	0	12	109	0	321
17:25-17:30	31	97	0	26	43	24	0	0	0	10	134	0	365
17:30-17:35	18	83	0	23	38	35	0	0	0	20	118	0	335
17:35-17:40	39	85	0	23	37	20	0	0	0	20	108	0	332
17:40-17:45	25	78	0	22	34	27	0	0	0	17	136	0	339
17:45-17:50	28	83	0	26	38	40	0	0	0	13	147	0	375
17:50-17:55	25	73	0	24	41	19	0	0	0	17	126	0	325
17:55-18:00	31	82	0	24	32	31	0	0	0	16	101	0	317
Total Survey	643	2032	1	542	819	602	0	0	0	355	2837	0	7831
PHF	.8	.88	0	.93	.93	.88	0	0	0	.83	.91	0	.977
% Trucks	1.1	1.5	0	.6	3.8	4.2	0	0	0	2.8	1.4	0	1.9
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	5	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	286	971	1	281	393	289	0	0	0	151	1369	0	3741
16:15-17:15	333	1028	1	267	395	296	0	0	0	173	1400	0	3893
16:30-17:30	348	1037	0	262	426	285	0	0	0	190	1440	0	3988
16:45-17:45	351	1035	0	259	427	302	0	0	0	207	1451	0	4032
17:00-18:00	357	1061	0	261	426	313	0	0	0	204	1468	0	4090

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
BEAVERTON-HILLSDALE HIGHWAY AT HIGHWAY 217 SOUTHBOUND ON RAMP



DATE OF COUNT: 04/13/99
DAY OF WEEK: Tue
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

ERUB

Peak Hour
17:00-18:00
TEV=4090

Traffic Smithy
(503)641-6333

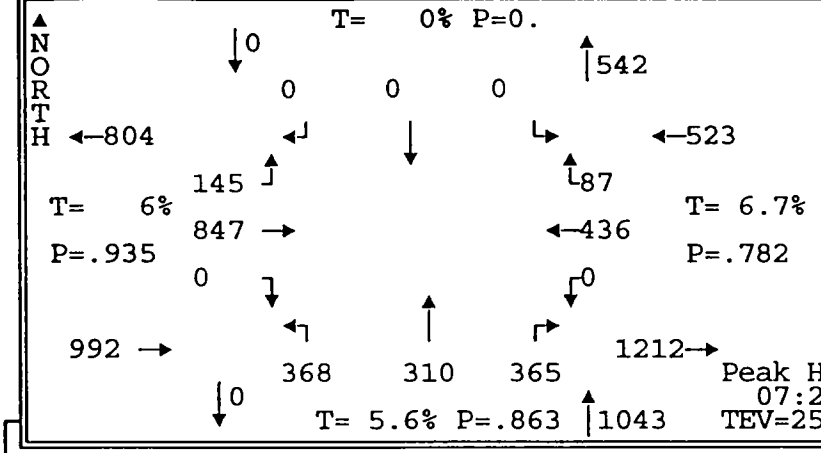
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↴	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	113	297	0	52	98	73	0	0	0	54	365	0	1052
17:15-17:30	78	280	0	67	108	68	0	0	0	47	367	0	1015
17:30-17:45	82	246	0	68	109	82	0	0	0	57	362	0	1006
17:45-18:00	84	238	0	74	111	90	0	0	0	46	374	0	1017
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	0	4	0	0	1	1	0	0	0	1	6	0	13
17:15-17:30	2	2	0	0	1	0	0	0	0	0	4	0	9
17:30-17:45	0	4	0	1	1	0	0	0	0	0	4	0	10
17:45-18:00	0	1	0	0	1	1	0	0	0	0	8	0	11
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	1	0	0	0	0	0	0	0	1
17:15-17:30	0	1	0	0	1	1	0	0	0	0	1	0	4
17:30-17:45	0	0	0	0	0	0	0	0	0	1	0	0	1
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	3	0	0	0	0	1	0	0	4
17:15-17:30	0	0	0	0	2	0	0	0	0	0	0	0	2
17:30-17:45	0	0	0	0	1	2	0	0	0	0	0	0	3
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	2	0	0	2
17:15-17:30	0	0	0	0	0
17:30-17:45	0	0	0	0	0
17:45-18:00	0	0	0	0	0

Peak Hour by Movement													
PHF	.79	.89	0	.88	.96	.87	0	0	0	.89	.98	0	.971
% Trucks(all)	.6	1.1	0	.4	2.8	1.6	0	0	0	1.5	1.6	0	1.4
% Trucks(M+H)	0	.1	0	0	1.9	1	0	0	0	1	.1	0	.4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	286	971	1	281	393	289	0	0	0	151	1369	0	3741
16:15-17:15	333	1028	1	267	395	296	0	0	0	173	1400	0	3893
16:30-17:30	348	1037	0	262	426	285	0	0	0	190	1440	0	3988
16:45-17:45	351	1035	0	259	427	302	0	0	0	207	1451	0	4032
17:00-18:00	357	1061	0	261	426	313	0	0	0	204	1468	0	4090

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CANYON ROAD AT HIGHWAY 217 NORTHBOUND RAMPS

19407



DATE OF COUNT: 04/22/99
DAY OF WEEK: Thu
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

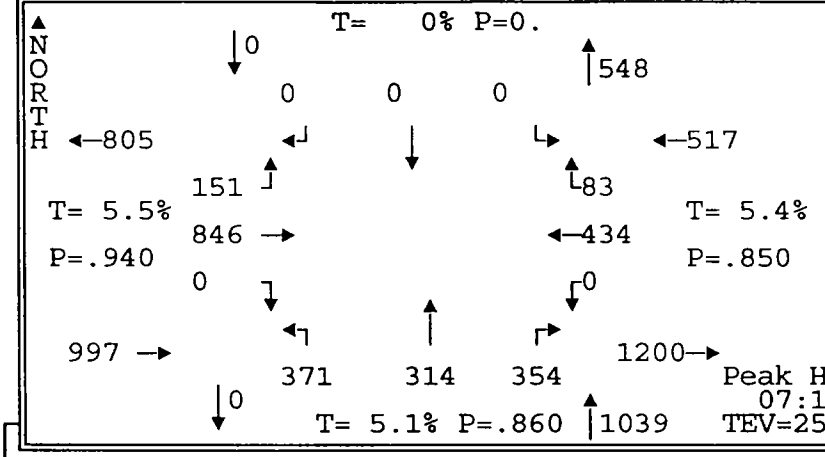
DLNJ

Peak Hour
07:20-08:20
TEV=2558

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
07:00-07:05	0	68	6	0	0	0	22	17	23	0	24	3	163
07:05-07:10	0	92	10	0	0	0	23	13	21	0	18	3	180
07:10-07:15	0	56	11	0	0	0	28	13	31	0	32	1	172
07:15-07:20	0	68	14	0	0	0	26	27	24	0	36	3	198
07:20-07:25	0	81	7	0	0	0	24	13	28	0	24	4	181
07:25-07:30	0	57	17	0	0	0	34	21	36	0	31	7	203
07:30-07:35	0	89	8	0	0	0	31	19	35	0	33	6	221
07:35-07:40	0	83	11	0	0	0	25	22	32	0	24	8	205
07:40-07:45	0	57	17	0	0	0	34	33	16	0	34	7	198
07:45-07:50	0	73	10	0	0	0	35	38	28	0	33	7	224
07:50-07:55	0	74	10	0	0	0	34	33	40	0	41	8	240
07:55-08:00	0	67	14	0	0	0	39	24	31	0	49	10	234
08:00-08:05	0	72	18	0	0	0	28	27	31	0	52	6	234
08:05-08:10	0	73	12	0	0	0	29	21	28	0	40	10	213
08:10-08:15	0	52	13	0	0	0	32	36	25	0	37	7	202
08:15-08:20	0	69	8	0	0	0	23	23	35	0	38	7	203
08:20-08:25	0	70	9	0	0	0	18	29	30	0	17	8	181
08:25-08:30	0	63	10	0	0	0	27	31	24	0	31	7	193
08:30-08:35	0	57	15	0	0	0	24	32	35	0	37	9	209
08:35-08:40	0	64	11	0	0	0	22	21	31	0	34	10	193
08:40-08:45	0	61	8	0	0	0	26	25	23	0	45	15	203
08:45-08:50	0	69	12	0	0	0	40	32	32	0	37	7	229
08:50-08:55	0	56	13	0	0	0	32	29	27	0	45	2	204
08:55-09:00	0	62	32	0	0	0	16	24	49	0	32	8	223
Total Survey	0	1633	296	0	0	0	672	603	715	0	824	163	4906
PHF	0	.92	.82	0	0	0	.85	.75	.89	0	.77	.84	.903
% Trucks	0	5.5	8.4	0	0	0	8.8	4.5	3.5	0	6.2	9.2	6
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	6	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	0	865	135	0	0	0	355	273	345	0	379	67	2419
07:15-08:15	0	846	151	0	0	0	371	314	354	0	434	83	2553
07:30-08:30	0	842	140	0	0	0	355	336	355	0	429	91	2548
07:45-08:45	0	795	138	0	0	0	337	340	361	0	454	104	2529
08:00-09:00	0	768	161	0	0	0	317	330	370	0	445	96	2487

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
CANYON ROAD AT HIGHWAY 217 NORTHBOUND RAMPS



DATE OF COUNT: 04/22/99
DAY OF WEEK: Thu
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

DLNJ

Peak Hour
07:15-08:15
TEV=2553

Traffic Smithy
(503)641-6333

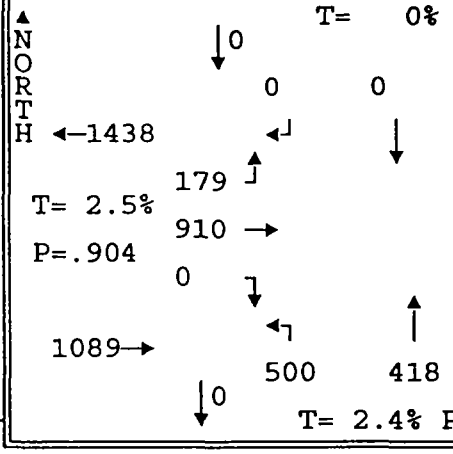
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
07:15-07:30	0	206	38	0	0	0	84	61	88	0	91	14	582
07:30-07:45	0	229	36	0	0	0	90	74	83	0	91	21	624
07:45-08:00	0	214	34	0	0	0	108	95	99	0	123	25	698
08:00-08:15	0	197	43	0	0	0	89	84	84	0	129	23	649
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
07:15-07:30	0	8	2	0	0	0	4	5	2	0	5	1	27
07:30-07:45	0	11	1	0	0	0	2	1	1	0	3	2	21
07:45-08:00	0	4	4	0	0	0	8	2	3	0	3	1	25
08:00-08:15	0	6	3	0	0	0	6	1	0	0	6	0	22
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
07:15-07:30	0	1	0	0	0	0	1	1	1	0	0	0	4
07:30-07:45	0	2	0	0	0	0	0	0	1	0	0	0	3
07:45-08:00	0	0	0	0	0	0	1	0	0	0	0	1	2
08:00-08:15	0	4	1	0	0	0	1	0	1	0	1	0	8
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
07:15-07:30	0	0	2	0	0	0	3	1	1	0	2	1	10
07:30-07:45	0	0	2	0	0	0	1	1	0	0	1	0	5
07:45-08:00	0	0	0	0	0	0	1	0	1	0	1	0	3
08:00-08:15	0	1	3	0	0	0	1	0	1	0	0	0	6
BICYCLES													
07:15-07:30	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30-07:45	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45-08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00-08:15	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
07:15-07:30	0	1	0	0	1
07:30-07:45	0	1	0	0	1
07:45-08:00	0	1	0	0	1
08:00-08:15	0	3	0	0	3

Peak Hour by Movement													
PHF	0	.92	.88	0	0	0	.86	.83	.89	0	.84	.83	.914
% Trucks(all)	0	4.4	11.9	0	0	0	7.8	3.8	3.4	0	5.1	7.2	5.3
% Trucks(M+H)	0	.9	5.3	0	0	0	2.4	1	1.7	0	1.2	2.4	1.6
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	0	865	135	0	0	0	355	273	345	0	379	67	2419
07:15-08:15	0	846	151	0	0	0	371	314	354	0	434	83	2553
07:30-08:30	0	842	140	0	0	0	355	336	355	0	429	91	2548
07:45-08:45	0	795	138	0	0	0	337	340	361	0	454	104	2529
08:00-09:00	0	768	161	0	0	0	317	330	370	0	445	96	2487

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CANYON ROAD AT HIGHWAY 217 NORTHBOUND RAMPS

19408



DATE OF COUNT: 04/22/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

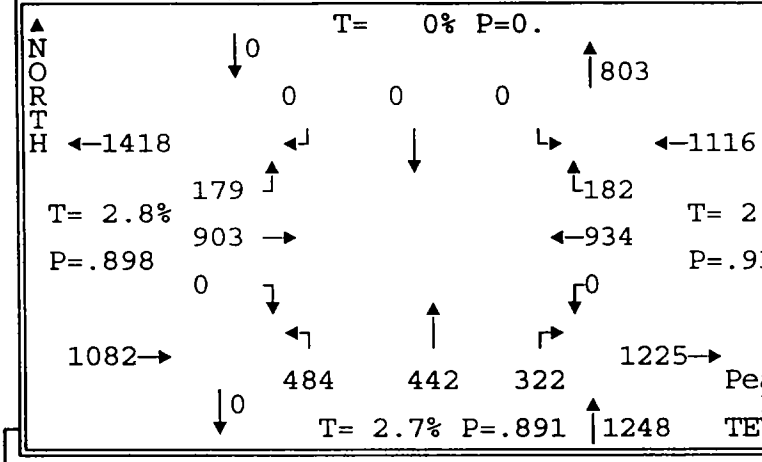
DLNK

Peak Hour
16:40-17:40
TEV=3457

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↙	SOUTH BOUND ↓	SOUTH BOUND ↘	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	0	54	18	0	0	0	35	47	18	0	72	14	258
16:05-16:10	0	88	11	0	0	0	24	32	29	0	93	15	292
16:10-16:15	0	89	14	0	0	0	44	24	19	0	73	7	270
16:15-16:20	0	78	18	0	0	0	44	26	19	0	80	12	277
16:20-16:25	0	79	16	0	0	0	31	36	15	0	73	15	265
16:25-16:30	0	67	14	0	0	0	29	29	16	0	52	9	216
16:30-16:35	0	61	22	0	0	0	44	28	23	0	76	14	268
16:35-16:40	0	53	7	0	0	0	40	79	26	0	75	16	296
16:40-16:45	0	94	12	0	0	0	48	36	26	0	74	12	302
16:45-16:50	0	76	10	0	0	0	48	29	30	0	90	15	298
16:50-16:55	0	77	18	0	0	0	39	26	19	0	86	16	281
16:55-17:00	0	68	12	0	0	0	24	40	21	0	80	12	257
17:00-17:05	0	75	23	0	0	0	42	28	26	0	76	9	279
17:05-17:10	0	74	16	0	0	0	48	46	27	0	65	17	293
17:10-17:15	0	66	17	0	0	0	23	40	31	0	79	22	278
17:15-17:20	0	73	9	0	0	0	53	43	38	0	67	8	291
17:20-17:25	0	100	13	0	0	0	35	21	31	0	82	24	306
17:25-17:30	0	86	20	0	0	0	40	26	24	0	84	17	297
17:30-17:35	0	39	9	0	0	0	45	56	33	0	65	15	262
17:35-17:40	0	82	20	0	0	0	55	27	24	0	90	15	313
17:40-17:45	0	97	16	0	0	0	35	30	23	0	74	15	290
17:45-17:50	0	63	13	0	0	0	38	26	19	0	81	24	264
17:50-17:55	0	75	12	0	0	0	30	41	22	0	75	12	267
17:55-18:00	1	61	20	0	0	0	35	27	23	0	74	19	260
Total Survey	1	1775	360	0	0	0	929	843	582	0	1836	354	6680
PHF	0	.88	.8	0	0	0	.89	.81	.82	0	.92	.81	.966
% Trucks	0	2.4	3.1	0	0	0	3.6	.9	2.7	0	2.5	1.7	2.4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	20	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	0	884	172	0	0	0	450	432	261	0	924	157	3280
16:15-17:15	0	868	185	0	0	0	460	443	279	0	906	169	3310
16:30-17:30	0	903	179	0	0	0	484	442	322	0	934	182	3446
16:45-17:45	0	913	183	0	0	0	487	412	327	0	938	185	3445
17:00-18:00	1	891	188	0	0	0	479	411	321	0	912	197	3400

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
CANYON ROAD AT HIGHWAY 217 NORTHBOUND RAMPS



DATE OF COUNT: 04/22/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

DLNK

Peak Hour
16:30-17:30
TEV=3446

Traffic Smithy
(503)641-6333

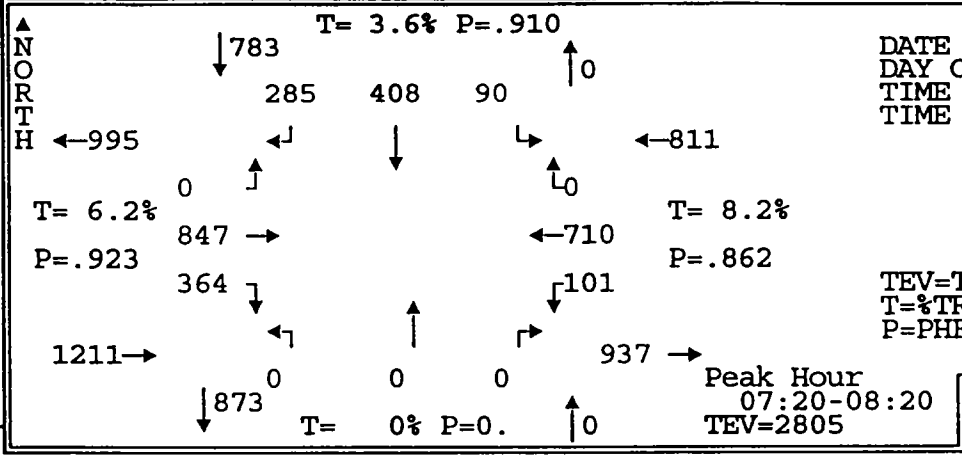
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
16:30-16:45	0	208	41	0	0	0	132	143	75	0	225	42	866
16:45-17:00	0	221	40	0	0	0	111	95	70	0	256	43	836
17:00-17:15	0	215	56	0	0	0	113	114	84	0	220	48	850
17:15-17:30	0	259	42	0	0	0	128	90	93	0	233	49	894
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
16:30-16:45	0	3	0	0	0	0	7	1	2	0	4	1	18
16:45-17:00	0	2	1	0	0	0	2	0	0	0	6	0	11
17:00-17:15	0	7	2	0	0	0	2	1	3	0	2	1	18
17:15-17:30	0	5	0	0	0	0	3	1	2	0	6	1	18
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
16:30-16:45	0	0	0	0	0	0	0	0	0	0	1	0	1
16:45-17:00	0	0	0	0	0	0	1	1	0	0	1	0	3
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	1	1
17:15-17:30	0	0	0	0	0	0	1	0	0	0	0	0	1
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
16:30-16:45	0	1	0	0	0	0	0	0	0	0	0	0	1
16:45-17:00	0	4	2	0	0	0	5	0	0	0	0	0	11
17:00-17:15	0	2	0	0	0	0	1	0	0	0	0	0	3
17:15-17:30	0	1	0	0	0	0	0	0	1	0	1	0	3
BICYCLES													
16:30-16:45	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
16:30-16:45	0	3	0	0	3
16:45-17:00	0	4	0	0	4
17:00-17:15	0	1	0	0	1
17:15-17:30	0	3	0	0	3

Peak Hour by Movement													
PHF	0	.87	.8	0	0	0	.92	.77	.87	0	.91	.93	.963
% Trucks(all)	0	2.8	2.8	0	0	0	4.5	.9	2.5	0	2.2	2.2	2.6
% Trucks(M+H)	0	.9	1.1	0	0	0	1.7	.2	.3	0	.3	.5	.7
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
16:00-17:00	0	884	172	0	0	0	450	432	261	0	924	157	3280
16:15-17:15	0	868	185	0	0	0	460	443	279	0	906	169	3310
16:30-17:30	0	903	179	0	0	0	484	442	322	0	934	182	3446
16:45-17:45	0	913	183	0	0	0	487	412	327	0	938	185	3445
17:00-18:00	1	891	188	0	0	0	479	411	321	0	912	197	3400

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CANYON ROAD AT HIGHWAY 217 SOUTHBOUND RAMPS

19295



DATE OF COUNT: 04/15/99
DAY OF WEEK: Thu
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

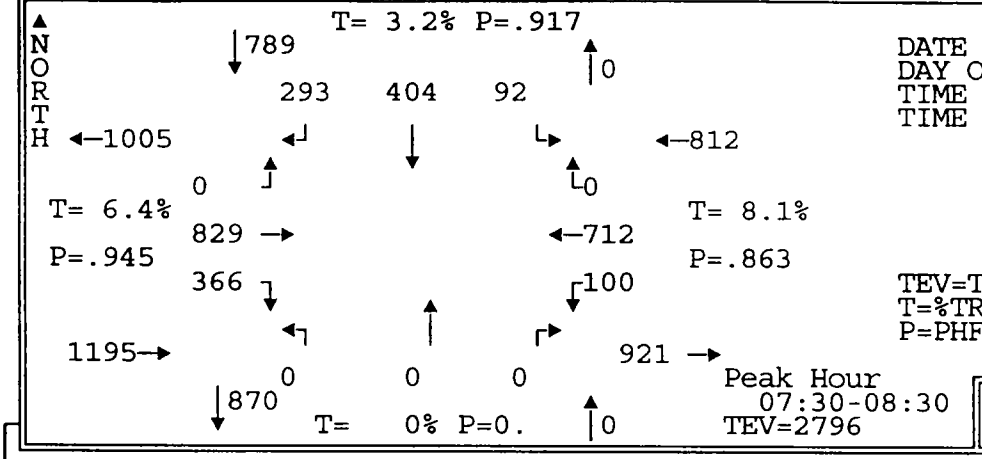
GMZN

Peak Hour
07:20-08:20
TEV=2805

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
07:00-07:05	15	64	0	20	16	4	0	0	0	3	47	0	169
07:05-07:10	40	77	0	18	17	2	0	0	0	4	45	0	203
07:10-07:15	26	84	0	32	22	4	0	0	0	2	56	0	226
07:15-07:20	27	56	0	26	28	4	0	0	0	9	59	0	209
07:20-07:25	35	77	0	32	32	13	0	0	0	7	45	0	241
07:25-07:30	31	84	0	13	31	6	0	0	0	6	57	0	228
07:30-07:35	25	76	0	23	32	11	0	0	0	10	65	0	242
07:35-07:40	30	82	0	25	20	6	0	0	0	10	63	0	236
07:40-07:45	37	61	0	22	27	2	0	0	0	9	78	0	236
07:45-07:50	24	52	0	22	42	7	0	0	0	6	55	0	208
07:50-07:55	33	65	0	24	37	9	0	0	0	2	68	0	238
07:55-08:00	32	83	0	28	37	3	0	0	0	10	53	0	246
08:00-08:05	25	62	0	24	44	8	0	0	0	16	59	0	238
08:05-08:10	33	69	0	25	37	9	0	0	0	7	55	0	235
08:10-08:15	27	63	0	27	32	9	0	0	0	13	57	0	228
08:15-08:20	32	73	0	20	37	7	0	0	0	5	55	0	229
08:20-08:25	35	67	0	20	36	14	0	0	0	4	53	0	229
08:25-08:30	33	76	0	33	23	7	0	0	0	8	51	0	231
08:30-08:35	26	61	0	22	30	8	0	0	0	8	51	1	207
08:35-08:40	24	58	0	14	31	16	0	0	0	12	41	0	196
08:40-08:45	32	84	0	20	27	11	0	0	0	9	67	0	250
08:45-08:50	39	67	0	21	31	14	0	0	0	15	52	0	239
08:50-08:55	27	65	0	27	35	13	0	0	0	11	66	0	244
08:55-09:00	25	57	0	22	30	8	0	0	0	15	56	0	213
Total Survey	713	1663	0	560	734	195	0	0	0	201	1354	1	5421
PHF	.97	.88	0	.93	.86	.75	0	0	0	.7	.86	0	.971
% Trucks	10.5	4.3	0	4.1	3.3	3.6	0	0	0	6	8.4	100	6.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	2	0	0	0	0	0	1	0	0	14	0	
Hourly Totals													
07:00-08:00	355	861	0	285	341	71	0	0	0	78	691	0	2682
07:15-08:15	359	830	0	291	399	87	0	0	0	105	714	0	2785
07:30-08:30	366	829	0	293	404	92	0	0	0	100	712	0	2796
07:45-08:45	356	813	0	279	413	108	0	0	0	100	665	1	2735
08:00-09:00	358	802	0	275	393	124	0	0	0	123	663	1	2739

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
CANYON ROAD AT HIGHWAY 217 SOUTHBOUND RAMPS



DATE OF COUNT: 04/15/99
DAY OF WEEK: Thu
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

GMZN

Peak Hour
07:30-08:30
TEV=2796

Traffic Smithy
(503)641-6333

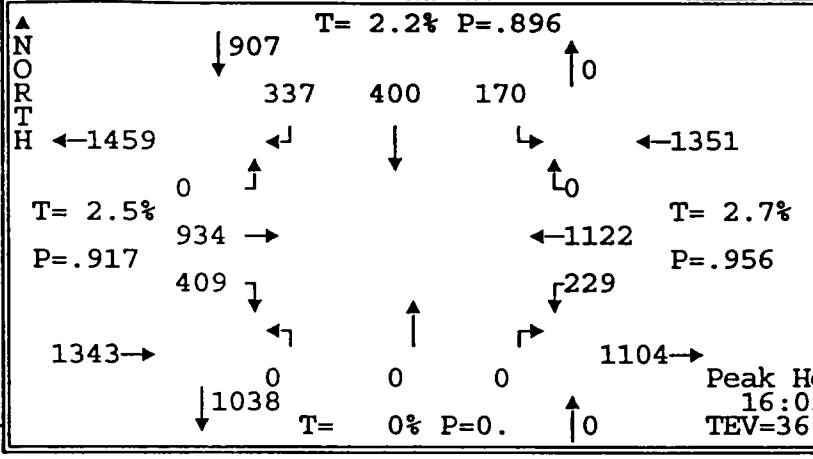
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↓	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
07:30-07:45	92	219	0	70	79	19	0	0	0	29	206	0	714
07:45-08:00	89	200	0	74	116	19	0	0	0	18	176	0	692
08:00-08:15	85	194	0	76	113	26	0	0	0	36	171	0	701
08:15-08:30	100	216	0	73	96	28	0	0	0	17	159	0	689
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
07:30-07:45	7	5	0	5	2	0	0	0	0	0	13	0	32
07:45-08:00	4	5	0	2	2	0	0	0	0	1	7	0	21
08:00-08:15	6	7	0	1	3	0	0	0	0	1	12	0	30
08:15-08:30	10	6	0	2	1	0	0	0	0	2	10	0	31
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
07:30-07:45	1	2	0	0	0	0	0	0	0	0	0	0	3
07:45-08:00	3	0	0	0	0	0	0	0	0	0	2	0	5
08:00-08:15	2	1	0	0	1	0	0	0	0	0	1	0	5
08:15-08:30	3	1	0	0	1	0	0	0	0	0	1	0	6
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
07:30-07:45	2	1	0	0	1	0	0	0	0	0	5	0	9
07:45-08:00	2	2	0	1	0	0	0	0	0	0	5	0	10
08:00-08:15	4	3	0	1	0	0	0	0	0	0	4	0	12
08:15-08:30	0	0	0	0	1	1	0	0	0	0	2	0	4
BICYCLES													
07:30-07:45	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45-08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00-08:15	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15-08:30	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
07:30-07:45	0	0	0	4	4
07:45-08:00	0	0	0	1	1
08:00-08:15	0	0	0	0	0
08:15-08:30	0	0	0	4	4

Peak Hour by Movement													
PHF	.92	.95	0	.96	.87	.82	0	0	0	.69	.86	0	.978
% Trucks(all)	12	4	0	4.1	3	1.1	0	0	0	4	8.7	0	6
% Trucks(M+H)	4.6	1.2	0	.7	1	1.1	0	0	0	0	2.8	0	1.9
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	355	861	0	285	341	71	0	0	0	78	691	0	2682
07:15-08:15	359	830	0	291	399	87	0	0	0	105	714	0	2785
07:30-08:30	366	829	0	293	404	92	0	0	0	100	712	0	2796
07:45-08:45	356	813	0	279	413	108	0	0	0	100	665	1	2735
08:00-09:00	358	802	0	275	393	124	0	0	0	123	663	1	2739

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
CANYON ROAD AT HIGHWAY 217 SOUTHBOUND RAMPS

19296



DATE OF COUNT: 04/15/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

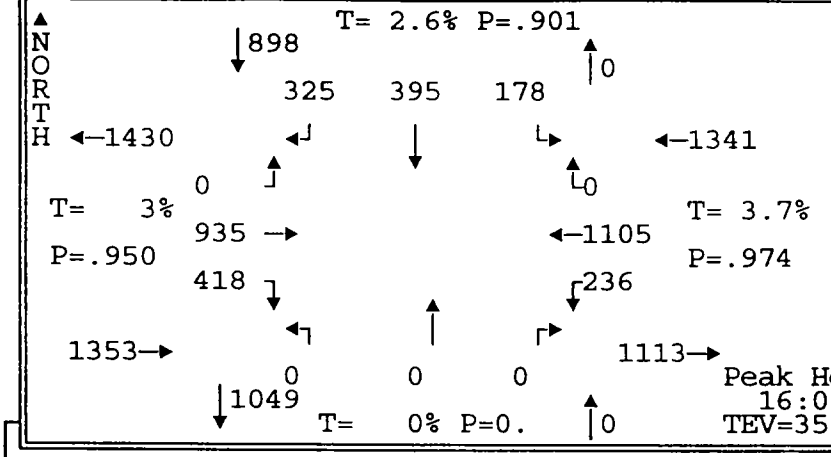
TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

GMZO

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	46	71	0	20	22	23	0	0	0	30	84	0	296
16:05-16:10	35	75	0	21	38	8	0	0	0	22	93	0	292
16:10-16:15	42	87	0	24	32	17	0	0	0	17	95	0	314
16:15-16:20	39	86	0	24	28	20	0	0	0	18	87	0	302
16:20-16:25	34	78	0	27	27	13	0	0	0	28	96	0	303
16:25-16:30	34	67	0	25	31	15	0	0	0	17	92	0	281
16:30-16:35	33	86	0	29	37	14	0	0	0	28	84	0	311
16:35-16:40	38	91	0	36	32	13	0	0	0	14	81	0	305
16:40-16:45	33	73	0	41	29	18	0	0	0	12	99	0	305
16:45-16:50	36	77	0	32	41	11	0	0	0	17	98	0	312
16:50-16:55	27	83	0	23	37	9	0	0	0	21	101	0	301
16:55-17:00	21	61	0	23	41	17	0	0	0	12	95	0	270
17:00-17:05	37	70	0	32	27	15	0	0	0	23	101	0	305
17:05-17:10	35	88	0	29	25	16	0	0	0	14	74	0	281
17:10-17:15	33	87	0	31	23	15	0	0	0	14	87	0	290
17:15-17:20	17	68	0	25	40	11	0	0	0	7	91	0	259
17:20-17:25	45	95	0	31	40	11	0	0	0	10	111	0	343
17:25-17:30	26	79	0	30	23	13	0	0	0	21	79	0	271
17:30-17:35	28	67	0	34	33	19	0	0	0	17	103	0	301
17:35-17:40	44	102	0	26	26	8	0	0	0	12	92	0	310
17:40-17:45	42	73	0	28	28	11	0	0	0	17	81	0	280
17:45-17:50	42	67	0	29	31	14	0	0	0	17	89	0	289
17:50-17:55	44	76	0	24	31	11	0	0	0	14	101	0	301
17:55-18:00	39	66	0	22	32	11	0	0	0	19	110	0	299
Total Survey	850	1873	0	666	754	333	0	0	0	421	2224	0	7121
PHF	.88	.93	0	.77	.84	.85	0	0	0	.78	.94	0	.976
% Trucks	3.2	2.1	0	1.8	2.9	1.5	0	0	0	1.9	2.8	0	2.5
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	15	0	0	0	0	0	0	0	0	18	0	
Hourly Totals													
16:00-17:00	418	935	0	325	395	178	0	0	0	236	1105	0	3592
16:15-17:15	400	947	0	352	378	176	0	0	0	218	1095	0	3566
16:30-17:30	381	958	0	362	395	163	0	0	0	193	1101	0	3553
16:45-17:45	391	950	0	344	384	156	0	0	0	185	1113	0	3523
17:00-18:00	432	938	0	341	359	155	0	0	0	185	1119	0	3529

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
CANYON ROAD AT HIGHWAY 217 SOUTHBOUND RAMPS



DATE OF COUNT: 04/15/99
DAY OF WEEK: Thu
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

GMZO

Peak Hour
16:00-17:00
TEV=3592

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↱	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↰	ALL
ALL VEHICLES													
16:00-16:15	123	233	0	65	92	48	0	0	0	69	272	0	902
16:15-16:30	107	231	0	76	86	48	0	0	0	63	275	0	886
16:30-16:45	104	250	0	106	98	45	0	0	0	54	264	0	921
16:45-17:00	84	221	0	78	119	37	0	0	0	50	294	0	883
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
16:00-16:15	3	2	0	1	3	2	0	0	0	1	8	0	20
16:15-16:30	4	3	0	0	4	0	0	0	0	0	11	0	22
16:30-16:45	1	6	0	1	8	0	0	0	0	1	6	0	23
16:45-17:00	2	5	0	0	1	0	0	0	0	1	8	0	17
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
16:00-16:15	0	0	0	1	0	0	0	0	0	0	0	0	1
16:15-16:30	0	0	0	0	1	0	0	0	0	3	0	0	4
16:30-16:45	0	0	0	0	0	0	0	0	0	0	2	0	2
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
16:00-16:15	0	0	0	0	0	0	0	0	0	1	1	0	2
16:15-16:30	3	3	0	0	0	0	0	0	0	0	1	0	7
16:30-16:45	2	2	0	1	0	0	0	0	0	0	2	0	7
16:45-17:00	1	3	0	0	0	0	0	0	0	0	4	0	8
BICYCLES													
16:00-16:15	0	1	0	0	0	0	0	0	0	0	0	0	1
16:15-16:30	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30-16:45	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0

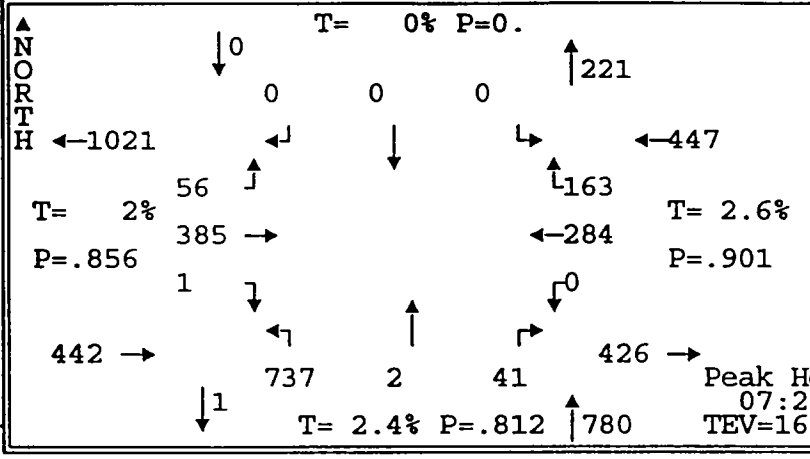
PEDESTRIANS	CROSSWALK USEAGE				ALL
	SOUTH	WEST	EAST	NORTH	
16:00-16:15	2	0	0	2	4
16:15-16:30	1	0	0	6	7
16:30-16:45	2	0	0	1	3
16:45-17:00	2	0	0	3	5

Peak Hour by Movement													
PHF	.85	.94	0	.77	.83	.93	0	0	0	.86	.94	0	.975
% Trucks(all)	3.8	2.6	0	1.2	4.3	1.1	0	0	0	3	3.9	0	3.1
% Trucks(M+H)	1.4	.9	0	.6	.3	0	0	0	0	1.7	.9	0	.9
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	418	935	0	325	395	178	0	0	0	236	1105	0	3592
16:15-17:15	400	947	0	352	378	176	0	0	0	218	1095	0	3566
16:30-17:30	381	958	0	362	395	163	0	0	0	193	1101	0	3553
16:45-17:45	391	950	0	344	384	156	0	0	0	185	1113	0	3523
17:00-18:00	432	938	0	341	359	155	0	0	0	185	1119	0	3529

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
WALKER ROAD AT HIGHWAY 217 NORTHBOUND RAMPS

19348



DATE OF COUNT: 04/15/99
DAY OF WEEK: THU
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

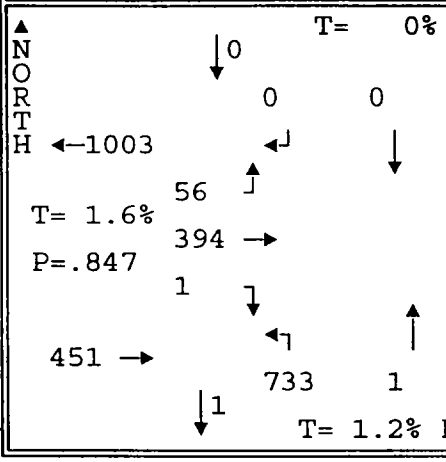
MP24

Peak Hour
07:25-08:25
TEV=1669

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
07:00-07:05	0	29	9	0	0	0	41	0	0	0	10	7	96
07:05-07:10	0	35	7	0	0	0	44	0	4	0	17	9	116
07:10-07:15	0	41	8	0	0	0	45	0	2	0	13	10	119
07:15-07:20	0	27	6	0	0	0	56	0	1	0	8	15	113
07:20-07:25	0	45	3	0	0	0	41	0	3	0	21	14	127
07:25-07:30	0	40	12	0	0	0	65	0	3	0	21	10	151
07:30-07:35	0	39	6	0	0	0	47	1	1	0	28	17	139
07:35-07:40	0	30	2	0	0	0	70	0	1	0	13	12	128
07:40-07:45	0	27	5	0	0	0	75	0	4	0	31	19	161
07:45-07:50	1	23	2	0	0	0	78	0	4	0	26	14	148
07:50-07:55	0	29	3	0	0	0	77	0	2	0	20	14	145
07:55-08:00	0	44	5	0	0	0	61	0	4	0	21	11	146
08:00-08:05	0	33	4	0	0	0	58	0	5	0	27	10	137
08:05-08:10	0	26	5	0	0	0	56	0	3	0	29	15	134
08:10-08:15	0	31	3	0	0	0	49	0	5	0	25	15	128
08:15-08:20	0	21	2	0	0	0	48	0	6	0	16	13	106
08:20-08:25	0	42	7	0	0	0	53	1	3	0	27	13	146
08:25-08:30	0	26	7	0	0	0	49	0	2	2	19	13	118
08:30-08:35	0	42	5	0	0	0	51	1	7	0	24	9	139
08:35-08:40	0	24	6	0	0	0	34	1	6	0	14	14	99
08:40-08:45	0	24	7	0	0	0	40	0	5	0	20	8	104
08:45-08:50	1	21	2	0	0	0	46	0	2	1	9	12	94
08:50-08:55	0	26	12	0	0	0	39	0	4	0	15	10	106
08:55-09:00	0	25	1	0	0	0	45	0	5	0	18	9	103
Total Survey	2	750	129	0	0	0	1268	4	82	3	472	293	3003
PHF	.25	.88	.7	0	0	0	.8	.5	.73	0	.88	.85	.919
% Trucks	50	1.9	2.3	0	0	0	2.3	0	4.9	0	2.5	2.7	2.4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	1	0	
Hourly Totals													
07:00-08:00	1	409	68	0	0	0	700	1	29	0	229	152	1589
07:15-08:15	1	394	56	0	0	0	733	1	36	0	270	166	1657
07:30-08:30	1	371	51	0	0	0	721	2	40	2	282	166	1636
07:45-08:45	1	365	56	0	0	0	654	3	52	2	268	149	1550
08:00-09:00	1	341	61	0	0	0	568	3	53	3	243	141	1414

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
WALKER ROAD AT HIGHWAY 217 NORTHBOUND RAMPS



DATE OF COUNT: 04/15/99
DAY OF WEEK: THU
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

MP24

Peak Hour
07:15-08:15
TEV=1657

Traffic Smithy
(503)641-6333

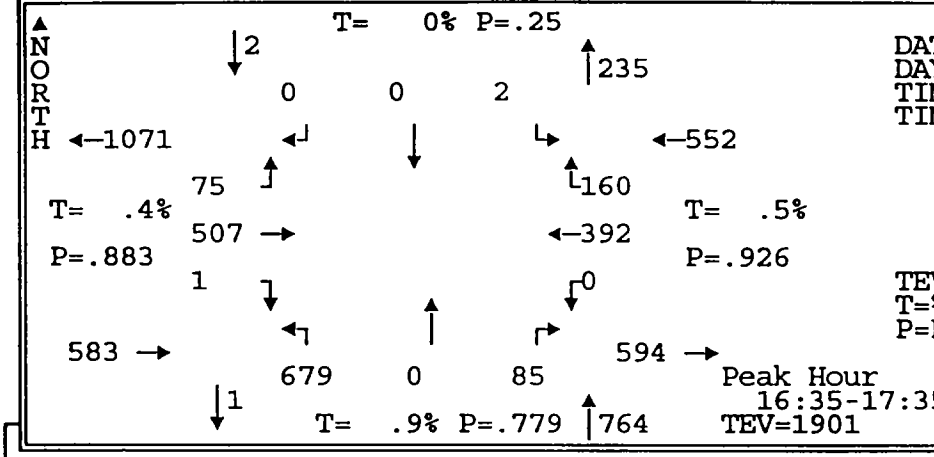
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
07:15-07:30	0	112	21	0	0	0	162	0	7	0	50	39	391
07:30-07:45	0	96	13	0	0	0	192	1	6	0	72	48	428
07:45-08:00	1	96	10	0	0	0	216	0	10	0	67	39	439
08:00-08:15	0	90	12	0	0	0	163	0	13	0	81	40	399
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
07:15-07:30	0	3	0	0	0	0	3	0	0	0	1	1	8
07:30-07:45	0	1	0	0	0	0	2	0	0	0	2	1	6
07:45-08:00	0	2	0	0	0	0	1	0	0	0	1	2	6
08:00-08:15	0	1	0	0	0	0	1	0	1	0	3	0	6
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
07:15-07:30	0	0	0	0	0	0	1	0	0	0	0	0	1
07:30-07:45	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45-08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00-08:15	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
07:15-07:30	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30-07:45	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45-08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00-08:15	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
07:15-07:30	0	0	0	0	0	0	0	0	0	0	1	0	1
07:30-07:45	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45-08:00	0	0	0	0	0	0	0	0	0	0	3	0	3
08:00-08:15	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
07:15-07:30	0	0	0	1	1
07:30-07:45	0	0	0	0	0
07:45-08:00	0	0	0	0	0
08:00-08:15	0	0	0	0	0

Peak Hour by Movement													
PHF	.25	.88	.67	0	0	0	.85	.25	.69	0	.83	.86	.943
% Trucks(all)	0	1.8	0	0	0	0	1.1	0	2.8	0	2.6	2.4	1.6
% Trucks(M+H)	0	0	0	0	0	0	.1	0	0	0	0	0	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	1	409	68	0	0	0	700	1	29	0	229	152	1589
07:15-08:15	1	394	56	0	0	0	733	1	36	0	270	166	1657
07:30-08:30	1	371	51	0	0	0	721	2	40	2	282	166	1636
07:45-08:45	1	365	56	0	0	0	654	3	52	2	268	149	1550
08:00-09:00	1	341	61	0	0	0	568	3	53	3	243	141	1414

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
WALKER ROAD AT HIGHWAY 217 NORTHBOUND RAMPS

19349



DATE OF COUNT: 04/13/99
DAY OF WEEK: TUE
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

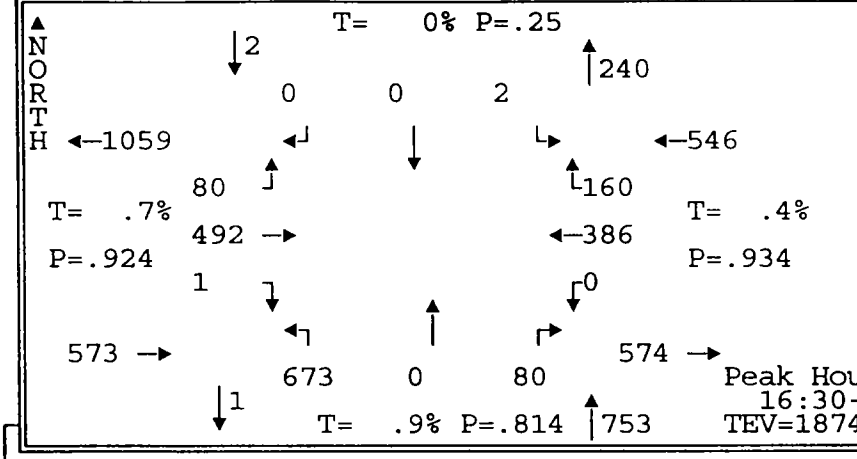
MP23

Peak Hour
16:35-17:35
TEV=1901

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	0	39	10	0	0	0	42	1	7	0	8	10	117
16:05-16:10	0	38	8	0	0	0	47	0	7	0	22	13	135
16:10-16:15	0	48	11	0	0	0	50	0	3	1	31	20	164
16:15-16:20	11	23	12	0	0	0	62	0	3	0	21	6	138
16:20-16:25	0	33	10	0	0	0	45	1	2	0	19	7	117
16:25-16:30	0	26	6	0	0	0	51	0	5	0	25	14	127
16:30-16:35	0	37	10	0	0	0	39	0	1	0	25	13	125
16:35-16:40	0	38	5	0	0	0	55	0	7	0	34	17	156
16:40-16:45	0	38	3	0	0	0	58	0	13	0	31	13	156
16:45-16:50	0	40	7	0	0	0	51	0	8	0	26	10	142
16:50-16:55	0	49	4	0	0	0	48	0	7	0	36	6	150
16:55-17:00	0	34	10	0	0	0	30	0	4	0	36	15	129
17:00-17:05	0	46	5	0	0	0	64	0	3	0	31	12	161
17:05-17:10	0	37	5	0	0	0	51	0	4	0	37	12	146
17:10-17:15	0	39	11	0	0	0	70	0	9	0	32	14	175
17:15-17:20	0	44	3	0	0	0	84	0	13	0	35	14	193
17:20-17:25	0	42	7	0	0	0	62	0	7	0	33	21	172
17:25-17:30	1	48	10	0	0	2	61	0	4	0	30	13	169
17:30-17:35	0	52	5	0	0	0	45	0	6	0	31	13	152
17:35-17:40	0	46	5	0	0	0	39	0	6	0	23	16	135
17:40-17:45	0	33	2	0	0	0	60	0	2	0	18	12	127
17:45-17:50	0	38	5	0	0	0	53	0	7	0	22	12	137
17:50-17:55	0	50	8	0	0	0	49	0	6	0	16	14	143
17:55-18:00	0	44	8	0	0	0	54	0	4	0	23	12	145
Total Survey	12	962	170	0	0	2	1270	2	138	1	645	309	3511
PHF	.25	.89	.85	0	0	.25	.79	0	.73	0	.94	.82	.880
% Trucks	0	.3	1.2	0	0	0	1	0	0	0	.6	.3	.7
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	5	0	
Hourly Totals													
16:00-17:00	11	443	96	0	0	0	578	2	67	1	314	144	1656
16:15-17:15	11	440	88	0	0	0	624	1	66	0	353	139	1722
16:30-17:30	1	492	80	0	0	2	673	0	80	0	386	160	1874
16:45-17:45	1	510	74	0	0	2	665	0	73	0	368	158	1851
17:00-18:00	1	519	74	0	0	2	692	0	71	0	331	165	1855

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
WALKER ROAD AT HIGHWAY 217 NORTHBOUND RAMPS



DATE OF COUNT: 04/13/99
DAY OF WEEK: TUE
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

MP23

Peak Hour
16:30-17:30
TEV=1874

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
16:30-16:45	0	113	18	0	0	0	152	0	21	0	90	43	437
16:45-17:00	0	123	21	0	0	0	129	0	19	0	98	31	421
17:00-17:15	0	122	21	0	0	0	185	0	16	0	100	38	482
17:15-17:30	1	134	20	0	0	2	207	0	24	0	98	48	534
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
16:30-16:45	0	1	1	0	0	0	0	0	0	0	0	0	2
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	1	1
17:00-17:15	0	1	1	0	0	0	3	0	0	0	0	0	5
17:15-17:30	0	0	0	0	0	0	0	0	0	0	1	0	1
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
16:30-16:45	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	0	0	0	0	0	1	0	0	0	0	0	1
17:15-17:30	0	0	0	0	0	0	1	0	0	0	0	0	1
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
16:30-16:45	0	0	0	0	0	0	2	0	0	0	0	0	2
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
16:30-16:45	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45-17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00-17:15	0	1	0	0	0	0	0	0	0	0	0	0	1
17:15-17:30	0	1	0	0	0	0	0	0	0	0	0	0	1

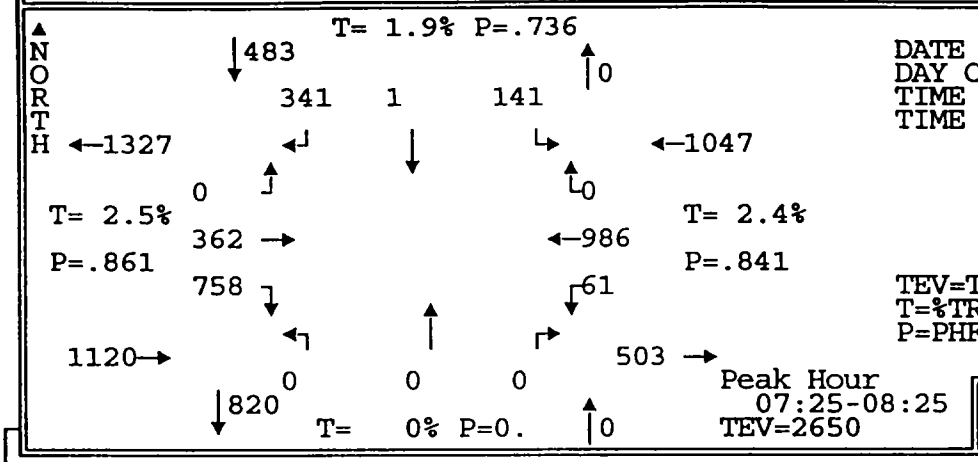
PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
16:30-16:45	0	0	0	0	0
16:45-17:00	0	0	0	2	2
17:00-17:15	0	0	0	0	0
17:15-17:30	0	0	0	2	2

Peak Hour by Movement													
PHF	.25	.92	.95	0	0	.25	.81	0	.83	0	.96	.83	.877
% Trucks(all)	0	.4	2.5	0	0	0	1	0	0	0	.3	.6	.7
% Trucks(M+H)	0	0	0	0	0	0	.6	0	0	0	0	0	.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	11	443	96	0	0	0	578	2	67	1	314	144	1656
16:15-17:15	11	440	88	0	0	0	624	1	66	0	353	139	1722
16:30-17:30	1	492	80	0	0	2	673	0	80	0	386	160	1874
16:45-17:45	1	510	74	0	0	2	665	0	73	0	368	158	1851
17:00-18:00	1	519	74	0	0	2	692	0	71	0	331	165	1855

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
WALKER ROAD AT HIGHWAY 217 SOUTHBOUND RAMPS

19350



DATE OF COUNT: 04/15/99
DAY OF WEEK: THUR
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

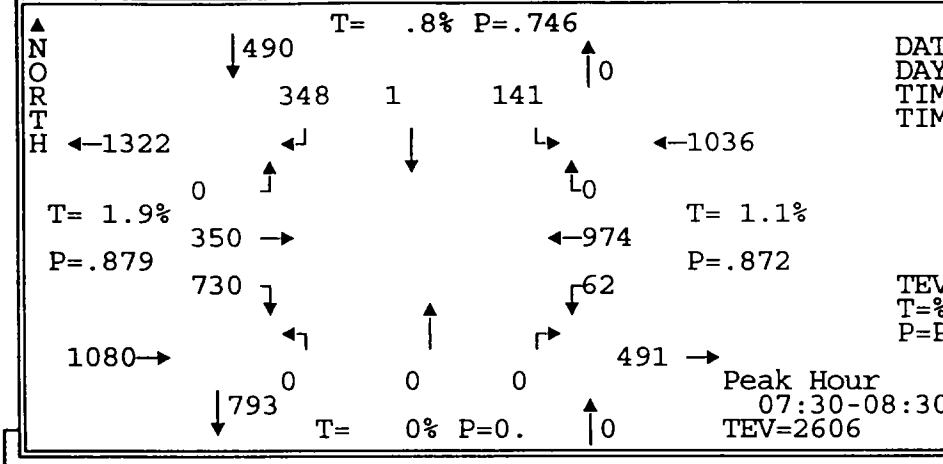
MP26

Peak Hour
07:25-08:25
TEV=2650

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↙	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
07:00-07:05	52	33	0	7	0	6	0	0	0	2	59	0	159
07:05-07:10	44	30	0	8	0	12	0	0	0	2	56	0	152
07:10-07:15	59	26	0	12	0	12	0	0	0	2	60	0	171
07:15-07:20	46	35	0	4	0	4	0	0	0	5	52	0	146
07:20-07:25	51	51	0	12	0	6	0	0	0	3	57	0	180
07:25-07:30	66	31	0	11	0	13	0	0	0	7	76	0	204
07:30-07:35	65	34	0	9	0	6	0	0	0	5	85	0	204
07:35-07:40	67	21	0	22	0	10	0	0	0	7	72	0	199
07:40-07:45	91	29	0	35	0	5	0	0	0	3	103	0	266
07:45-07:50	81	27	0	42	0	9	0	0	0	9	99	0	267
07:50-07:55	66	31	0	49	0	15	0	0	0	2	95	0	258
07:55-08:00	41	46	0	39	0	10	0	0	0	7	85	0	228
08:00-08:05	55	32	0	36	0	9	0	0	0	6	74	0	212
08:05-08:10	56	30	0	32	0	13	0	0	0	3	80	0	214
08:10-08:15	57	23	0	31	1	18	0	0	0	3	79	0	212
08:15-08:20	64	27	0	19	0	20	0	0	0	3	60	0	193
08:20-08:25	49	31	0	16	0	13	0	0	0	6	78	0	193
08:25-08:30	38	19	0	18	0	13	0	0	0	8	64	0	160
08:30-08:35	48	26	0	16	0	16	0	0	0	0	59	0	165
08:35-08:40	69	27	0	4	0	8	0	0	0	2	57	1	168
08:40-08:45	41	23	0	9	0	8	0	0	0	3	51	0	135
08:45-08:50	46	11	0	19	0	19	0	0	0	0	53	0	148
08:50-08:55	30	27	0	10	0	21	0	0	0	2	59	0	149
08:55-09:00	40	13	0	10	0	5	0	0	0	4	61	0	133
Total Survey	1322	683	0	470	1	271	0	0	0	94	1674	1	4516
PHF	.79	.83	0	.66	.25	.69	0	0	0	.8	.83	0	.837
% Trucks	2.8	2	0	1.5	0	2.6	0	0	0	0	2.6	0	2.4
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	729	394	0	250	0	108	0	0	0	54	899	0	2434
07:15-08:15	742	390	0	322	1	118	0	0	0	60	957	0	2590
07:30-08:30	730	350	0	348	1	141	0	0	0	62	974	0	2606
07:45-08:45	665	342	0	311	1	152	0	0	0	52	881	1	2405
08:00-09:00	593	289	0	220	1	163	0	0	0	40	775	1	2082

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
WALKER ROAD AT HIGHWAY 217 SOUTHBOUND RAMPS



DATE OF COUNT: 04/15/99
DAY OF WEEK: THUR
TIME STARTED: 07:00
TIME ENDED: 09:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

MP26

Peak Hour
07:30-08:30
TEV=2606

Traffic Smithy
(503)641-6333

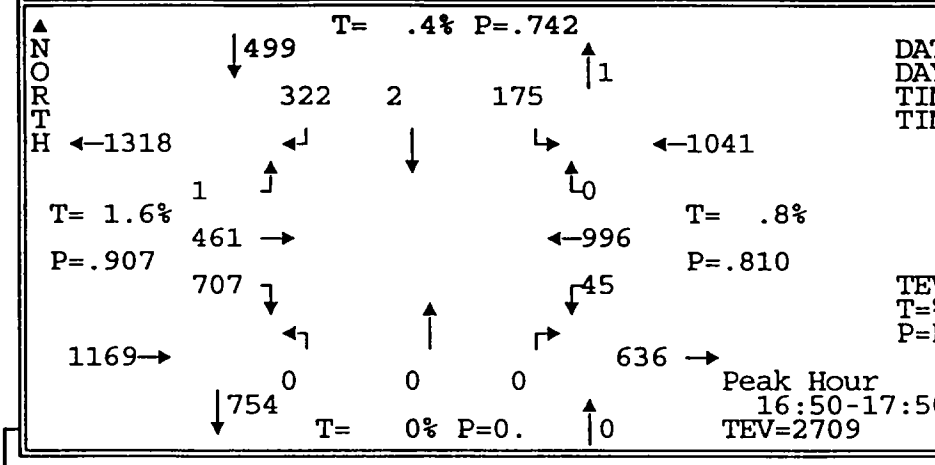
TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
07:30-07:45	223	84	0	66	0	21	0	0	0	15	260	0	669
07:45-08:00	188	104	0	130	0	34	0	0	0	18	279	0	753
08:00-08:15	168	85	0	99	1	40	0	0	0	12	233	0	638
08:15-08:30	151	77	0	53	0	46	0	0	0	17	202	0	546
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
07:30-07:45	2	1	0	0	0	0	0	0	0	0	2	0	5
07:45-08:00	3	1	0	3	0	0	0	0	0	0	2	0	9
08:00-08:15	6	2	0	0	0	0	0	0	0	0	3	0	11
08:15-08:30	2	1	0	0	0	0	0	0	0	0	2	0	5
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
07:30-07:45	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45-08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00-08:15	0	0	0	0	0	0	0	0	0	0	1	0	1
08:15-08:30	3	0	0	0	0	0	0	0	0	0	1	0	4
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
07:30-07:45	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45-08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00-08:15	0	0	0	1	0	0	0	0	0	0	0	0	1
08:15-08:30	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
07:30-07:45	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45-08:00	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00-08:15	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15-08:30	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
07:30-07:45	0	0	0	0	0
07:45-08:00	0	0	0	0	0
08:00-08:15	0	0	0	0	0
08:15-08:30	0	0	0	0	0

Peak Hour by Movement													
PHF	.82	.84	0	.67	.25	.77	0	0	0	.86	.87	0	.865
% Trucks(all)	2.2	1.4	0	1.1	0	0	0	0	0	0	1.1	0	1.4
% Trucks(M+H)	.4	0	0	.3	0	0	0	0	0	0	.2	0	.2
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Totals													
07:00-08:00	729	394	0	250	0	108	0	0	0	54	899	0	2434
07:15-08:15	742	390	0	322	1	118	0	0	0	60	957	0	2590
07:30-08:30	730	350	0	348	1	141	0	0	0	62	974	0	2606
07:45-08:45	665	342	0	311	1	152	0	0	0	52	881	1	2405
08:00-09:00	593	289	0	220	1	163	0	0	0	40	775	1	2082

INTERSECTION TURN MOVEMENT COUNT SUMMARY REPORT
WALKER ROAD AT HIGHWAY 217 SOUTHBOUND RAMPS

19351



DATE OF COUNT: 04/13/99
DAY OF WEEK: TUE
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

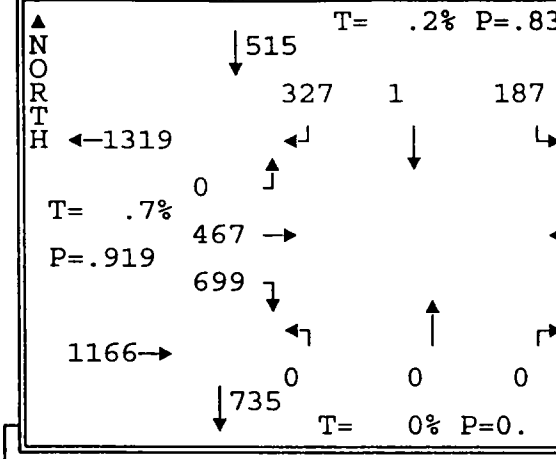
MP25

Peak Hour
16:50-17:50
TEV=2709

Traffic Smithy
(503) 641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↲	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
16:00-16:05	39	39	0	15	0	10	0	0	0	7	53	0	163
16:05-16:10	63	40	0	19	0	11	0	0	0	4	60	0	197
16:10-16:15	60	55	0	12	0	14	0	0	0	1	78	0	220
16:15-16:20	56	41	0	20	0	11	0	0	0	1	78	0	207
16:20-16:25	48	31	0	15	0	5	0	0	0	3	69	0	171
16:25-16:30	48	33	0	22	0	13	0	0	0	6	65	0	187
16:30-16:35	48	33	0	20	0	12	0	0	0	3	65	0	181
16:35-16:40	46	28	0	23	0	18	0	0	0	3	71	0	189
16:40-16:45	64	35	0	20	0	14	0	0	0	6	84	0	223
16:45-16:50	56	28	0	23	0	16	0	0	0	3	77	0	203
16:50-16:55	49	38	0	20	0	19	0	0	0	8	69	0	203
16:55-17:00	62	39	1	21	1	7	0	0	0	5	65	0	201
17:00-17:05	45	49	0	18	1	10	0	0	0	5	87	0	215
17:05-17:10	36	33	0	22	0	10	0	0	0	4	85	0	190
17:10-17:15	58	39	0	26	0	12	0	0	0	3	98	0	236
17:15-17:20	63	37	0	21	0	29	0	0	0	0	113	0	263
17:20-17:25	58	29	0	23	0	13	0	0	0	4	103	0	230
17:25-17:30	62	41	0	36	0	17	0	0	0	3	87	0	246
17:30-17:35	60	49	0	37	0	13	0	0	0	4	80	0	243
17:35-17:40	66	44	0	41	0	24	0	0	0	5	61	0	241
17:40-17:45	69	29	0	32	0	8	0	0	0	2	64	0	204
17:45-17:50	79	34	0	25	0	13	0	0	0	2	84	0	237
17:50-17:55	55	35	0	24	0	22	0	0	0	1	50	0	187
17:55-18:00	48	48	0	22	0	16	0	0	0	2	80	0	216
Total Survey	1338	907	1	557	2	337	0	0	0	85	1826	0	5053
PHF	.83	.86	.25	.71	.25	.74	0	0	0	.63	.79	0	.916
% Trucks	2.2	.8	0	.5	0	.3	0	0	0	1.2	.8	0	1.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	
Peds	0	0	0	0	0	0	0	0	0	0	1	0	
Hourly Totals													
16:00-17:00	639	440	1	230	1	150	0	0	0	50	834	0	2345
16:15-17:15	616	427	1	250	2	147	0	0	0	50	913	0	2406
16:30-17:30	647	429	1	273	2	177	0	0	0	47	1004	0	2580
16:45-17:45	684	455	1	320	2	178	0	0	0	46	989	0	2675
17:00-18:00	699	467	0	327	1	187	0	0	0	35	992	0	2708

INTERSECTION TURN MOVEMENT COUNT PEAK HOUR REPORT
WALKER ROAD AT HIGHWAY 217 SOUTHBOUND RAMPS



DATE OF COUNT: 04/13/99
DAY OF WEEK: TUE
TIME STARTED: 16:00
TIME ENDED: 18:00

TEV=TOTAL ENTRY VOLUME
T=%TRUCKS BY APPROACH
P=PHF BY APPROACH

MP25

Peak Hour
17:00-18:00
TEV=2708

Traffic Smithy
(503)641-6333

TIME PERIOD FROM - TO	EAST BOUND ↓	EAST BOUND →	EAST BOUND ↑	SOUTH BOUND ↵	SOUTH BOUND ↓	SOUTH BOUND ↳	NORTH BOUND ↰	NORTH BOUND ↑	NORTH BOUND ↱	WEST BOUND ↓	WEST BOUND ←	WEST BOUND ↑	ALL
ALL VEHICLES													
17:00-17:15	139	121	0	66	1	32	0	0	0	12	270	0	641
17:15-17:30	183	107	0	80	0	59	0	0	0	7	303	0	739
17:30-17:45	195	122	0	110	0	45	0	0	0	11	205	0	688
17:45-18:00	182	117	0	71	0	51	0	0	0	5	214	0	640
LIGHT TRUCKS (SINGLE UNIT 2 AXLES)													
17:00-17:15	1	2	0	0	0	0	0	0	0	0	3	0	6
17:15-17:30	3	0	0	1	0	0	0	0	0	0	1	0	5
17:30-17:45	1	0	0	0	0	0	0	0	0	0	0	0	1
17:45-18:00	1	0	0	0	0	0	0	0	0	0	0	0	1
MEDIUM TRUCKS (SINGLE UNIT > 2 AXLES)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	2	0	2
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
HEAVY TRUCKS (SEMI-TRACTOR TRAILER)													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0
BICYCLES													
17:00-17:15	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15-17:30	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30-17:45	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45-18:00	0	0	0	0	0	0	0	0	0	0	0	0	0

PEDESTRIANS	CROSSWALK USEAGE SOUTH	WEST	EAST	NORTH	ALL
17:00-17:15	0	0	0	0	0
17:15-17:30	0	0	0	0	0
17:30-17:45	0	0	0	1	1
17:45-18:00	0	0	0	0	0

Peak Hour by Movement													
PHF	.9	.96	0	.74	.25	.79	0	0	0	.73	.82	0	.916
% Trucks(all)	.9	.4	0	.3	0	0	0	0	0	0	.6	0	.6
% Trucks(M+H)	0	0	0	0	0	0	0	0	0	0	.2	0	.1
Stopped Buses	0	0	0	0	0	0	0	0	0	0	0	0	

Hourly Totals													
16:00-17:00	639	440	1	230	1	150	0	0	0	50	834	0	2345
16:15-17:15	616	427	1	250	2	147	0	0	0	50	913	0	2406
16:30-17:30	647	429	1	273	2	177	0	0	0	47	1004	0	2580
16:45-17:45	684	455	1	320	2	178	0	0	0	46	989	0	2675
17:00-18:00	699	467	0	327	1	187	0	0	0	35	992	0	2708

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