0320C-200406.PDF

Washington State Department of Transportation

Diamond Traffic Counter

Interval ☐ 60 Min. ☒ 15 Min.
☐ Raw ☐ Collect Axle
☐ Binned (CL/SP) ☐ Speed X Axle
☒ Count (Vol) ☐ Speed

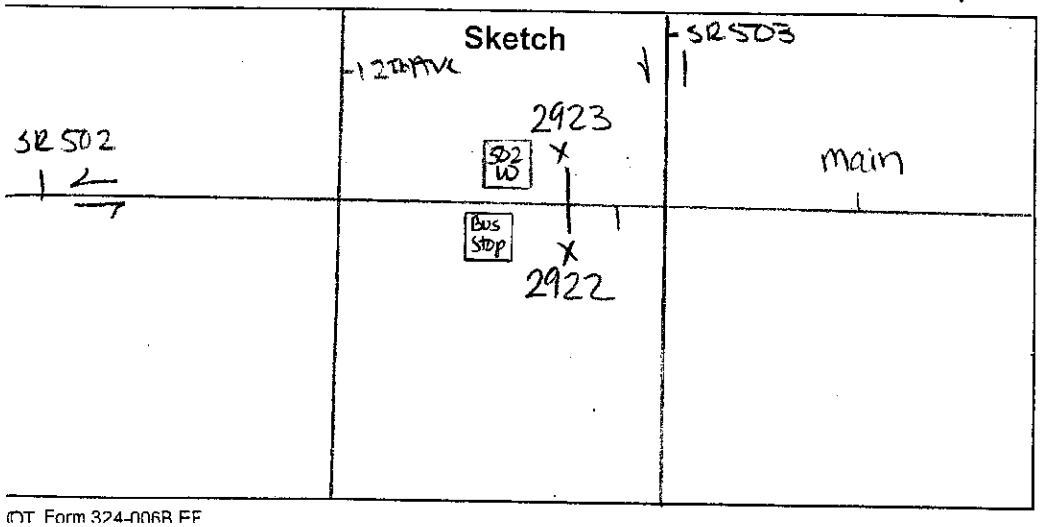
Enabled Lane No. ☒ 1 ☐ 2 ☐ 9 ☐ 10
Direction Channel 1 WB
Direction Channel 2
Direction Channel 9
Direction Channel 10
TAM Card No. 175

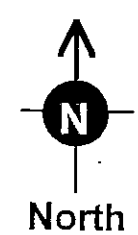
Counter No. 2923 Count ID HPMS Recount
SR 502 RRT MP 7.54
Leg 1 Direction WB OSID

Station Description - ON SR 502 W/O SR 503 Wye Conn

Date	Day	Time	Comments
6/28/04	2	1142	Manual A 20 B / Counter A 20 B — Set A+B — OK Alt 6.6
6/29	3	0838	Manual A 51 B 1sp / Counter A 50 B — OK Alt 6.5
6/30	4	1123	Manual A 53 B / Counter A 53 B — OK Alt 6.5
7/1	5	0656	Manual A 20 B / Counter A 20 B — OK Alt 6.4
7/2	6	0618	Manual A 1 B / Counter A 1 B — p/u Alt 6.4

Sketch





[signature]

Washington State Department of Transportation

Diamond Traffic Counter

Interval ☐ 60 Min. ☒ 15 Min.
☐ Raw ☐ Collect Axle
☐ Binned (CL/SP) ☐ Speed X Axle
☒ Count (Vol) ☐ Speed

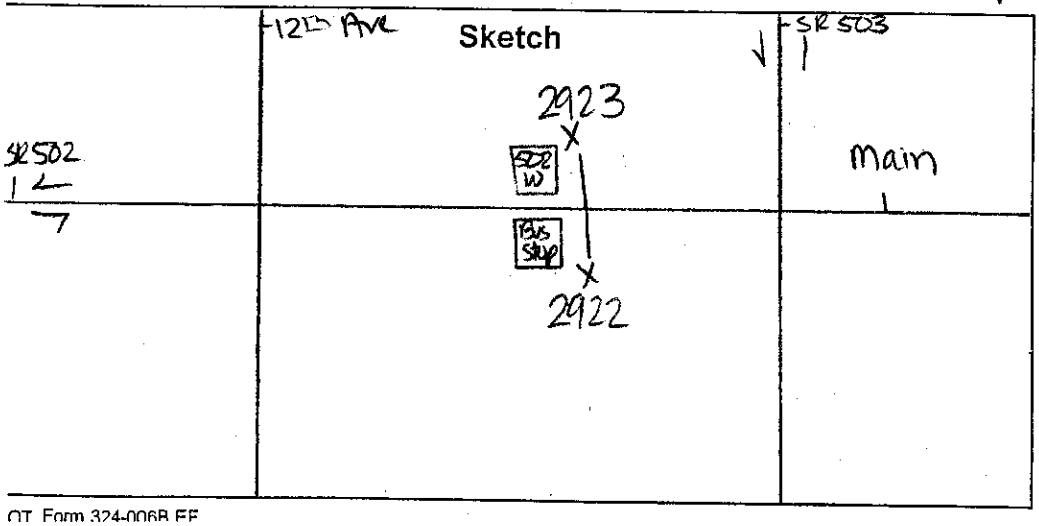
Enabled Lane No. ☒ 1 ☐ 2 ☐ 9 ☐ 10
Direction Channel 1 E.B
Direction Channel 2
Direction Channel 9
Direction Channel 10
TAM Card No. 175

Counter No. 2922 Count ID HPMS Recount
SR 502 RRT MP 7.54
Leg 1 Direction EB OSID

Station Description - ON SR 502 w/o SR 503 Wye Conn

Date	Day	Time		Comments
6/28/04	2	1115	Manual A 36 B Counter A 36 B	Set A+B OK Alt 6.4
6/29	3	0819	Manual A 20 B Counter A 20 B	OK Alt 6.4
6/30	4	1000	Manual A 52 B Counter A 52 B	OK Alt 6.3
7/1	5	0555	Manual A 2 B Counter A 2 B	OK Alt 6.3
7/2	6	0604	Manual A 1 B Counter A 1 B	PW Alt 6.2

Sketch



[signature]

OT Form 324-006B EE

DOT-RNB515A-B

STATE OF WASHINGTON - DEPARTMENT OF TRANSPORTATION
T R I P S S Y S T E M
15 MINUTE TRAFFIC COUNT SUMMARY

DATE 10/25/04
TIME 12:53:23
PAGE 1

SR 502 MP 007.54 OFF SYSTEM ID. LEG 1 DIRECTION OF TRAFFIC WESTBOUND LANE ALL OF

COUNT IDENTIFIER HPMS COUNTER NUMBER 292300 DESCRIPTION: ON SR 502 W/O SR 503 WYE CONN

06/28/04 MONDAY

	AM HOURS											--|--	PM HOURS												
	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	DAILY
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
00-15													238	242	241	202	266	222	194	159	216	131	84	43	
15-30													254	216	233	233	228	242	200	164	181	131	75	36	
30-45													228	217	212	214	205	229	189	157	155	104	61	38	
45-00												236	223	211	182	210	252	205	179	145	136	99	59	24	
HOUR TOT												236	943	886	868	859	951	898	762	625	688	465	279	141	8601

AM PEAK HOUR 0000 TO 0000 VOLUME 0 AM TOTAL 236
PM PEAK HOUR 0400 TO 0500 VOLUME 951 PM TOTAL 8365

06/29/04 TUESDAY

	AM HOURS											--|--	PM HOURS												
	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	DAILY
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
00-15	16	12	14	1	11	43	103	129	150	165	170	219	249	223	188	220	234	229	218	190	161	133	94	31	
15-30	9	8	11	8	13	84	118	143	136	180	162	223	249	197	216	218	237	244	160	170	165	112	75	37	
30-45	22	9	8	10	21	87	134	140	156	169	209	213	218	220	228	241	218	263	180	168	177	133	70	30	
45-00	12	7	3	17	42	111	121	146	188	201	191	237	214	197	192	209	269	222	176	155	132	88	43	35	
HOUR TOT	59	36	36	36	87	325	476	558	630	715	732	892	930	837	824	888	958	958	734	683	635	466	282	133	12910

AM PEAK HOUR 1100 TO 1200 VOLUME 892 AM TOTAL 4582
PM PEAK HOUR 0445 TO 0545 VOLUME 1005 PM TOTAL 8328

06/30/04 WEDNESDAY

	AM HOURS											--|--	PM HOURS												
	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	DAILY
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
00-15	22	13	9	4	17	68	102	140	139	172	205	233	243	264	221	229	243	261	229	181	214	143	100	36	
15-30	19	5	8	14	20	63	109	138	162	188	205	250	259	228	247	230	226	243	198	166	142	131	94	32	
30-45	22	12	8	12	36	92	137	132	144	189	199	226	238	219	198	210	234	240	198	168	133	120	69	23	
45-00	18	11	2	14	31	87	117	154	174	192	206	265	248	211	204	209	278	230	178	209	123	104	56	30	
HOUR TOT	81	41	27	44	104	310	465	564	619	741	815	974	988	922	870	878	981	974	803	724	612	498	319	121	13475

AM PEAK HOUR 1100 TO 1200 VOLUME 974 AM TOTAL 4785
PM PEAK HOUR 0445 TO 0545 VOLUME 1022 PM TOTAL 8690

DOT-RNB515A-B

STATE OF WASHINGTON - DEPARTMENT OF TRANSPORTATION
T R I P S S Y S T E M
15 MINUTE TRAFFIC COUNT SUMMARY

DATE 10/25/04
TIME 12:53:23
PAGE 2

SR 502 MP 007.54 OFF SYSTEM ID. LEG 1 DIRECTION OF TRAFFIC WESTBOUND LANE ALL OF

COUNT IDENTIFIER HPMS COUNTER NUMBER 292300 DESCRIPTION: ON SR 502 W/O SR 503 WYE CONN

07/01/04 THURSDAY

	AM HOURS											--|--					PM HOURS								
	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	DAILY TOTAL
00-15	25	18	9	4	18	84	130	161	125	190	195	197	235	246	232	263	232	260	233	202	168	178	91	47	
15-30	20	11	8	7	22	59	123	150	170	186	195	221	271	235	254	226	276	245	199	178	183	124	68	44	
30-45	17	10	5	11	19	82	121	136	161	213	221	241	249	239	234	240	242	248	201	188	136	125	80	33	
45-00	29	8	4	15	35	94	134	147	184	203	222	246	222	241	247	246	252	221	193	223	151	96	66	29	
HOUR TOT	91	47	26	37	94	319	508	594	640	792	833	905	977	961	967	975	1002	974	826	791	638	523	305	153	13978

AM PEAK HOUR 1100 TO 1200 VOLUME 905 AM TOTAL 4886
PM PEAK HOUR 0415 TO 0515 VOLUME 1030 PM TOTAL 9092

07/02/04 FRIDAY

	AM HOURS											--|--					PM HOURS								
	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	DAILY TOTAL
00-15	22	12	12	8	17	50	117																		
15-30	21	15	14	7	18	61																			
30-45	21	10	16	18	19	72																			
45-00	17	14	6	22	33	83																			
HOUR TOT	81	51	48	55	87	266	117																		705

AM PEAK HOUR 0515 TO 0615 VOLUME 333 AM TOTAL 705
PM PEAK HOUR 0000 TO 0000 VOLUME 0 PM TOTAL 0

06/28/04 THRU 07/02/04
TOTAL HOURS FOR COUNT 90

3 DAYS FACTOR GROUP CB-02 FACTOR GROUP GR-A2
AVG WEEKDAY VOL 13454 X SEASONAL ADJ. FACTOR 0.9200 = 12378 X AXLE CORR FACTOR 0.9493 = ESTIMATED AVG DAILY TRAFFIC 11750

SR 502 MP 007.54 OFF SYSTEM ID. LEG 1 DIRECTION OF TRAFFIC EASTBOUND LANE ALL OF

COUNT IDENTIFIER HPMS COUNTER NUMBER 292200 DESCRIPTION: ON SR 502 W/O SR 503 WYE CONN

06/28/04 MONDAY

	AM HOURS											--|--	PM HOURS												
	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	DAILY TOTAL
00-15													204	251	228	262	268	273	248	186	157	138	79	55	
15-30													264	216	207	242	261	262	227	125	135	114	80	41	
30-45												217	219	220	201	244	303	271	190	176	134	104	59	44	
45-00												214	250	188	238	254	258	262	203	146	104	102	64	33	
HOUR TOT												431	937	875	874	1002	1090	1068	868	633	530	458	282	173	9221

AM PEAK HOUR 0000 TO 0000 VOLUME 0 AM TOTAL 431
PM PEAK HOUR 0430 TO 0530 VOLUME 1096 PM TOTAL 8790

06/29/04 TUESDAY

	AM HOURS											--|--	PM HOURS												
	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	DAILY TOTAL
00-15	13	9	13	7	6	22	44	82	92	150	167	169	238	210	196	241	279	288	252	195	155	143	108	63	
15-30	23	7	15	5	8	31	58	82	116	160	170	201	262	202	205	246	250	258	205	195	176	117	91	33	
30-45	24	11	9	9	6	39	55	127	116	172	159	201	255	209	225	223	279	279	225	187	155	121	66	38	
45-00	18	9	7	3	9	55	87	97	128	173	173	210	226	214	229	237	274	246	200	158	150	99	56	39	
HOUR TOT	78	36	44	24	29	147	244	388	452	655	669	781	981	835	855	947	1082	1071	882	735	636	480	321	173	12545

AM PEAK HOUR 1100 TO 1200 VOLUME 781 AM TOTAL 3547
PM PEAK HOUR 0445 TO 0545 VOLUME 1099 PM TOTAL 8998

06/30/04 WEDNESDAY

	AM HOURS											--|--	PM HOURS												
	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	DAILY TOTAL
00-15	27	13	10	9	12	21	52	96	85	144	172	181	234	237	203	216	275	264	246	187	145	144	95	53	
15-30	25	9	4	8	10	21	69	86	102	148	181	212	235	237	240	255	236	299	245	190	155	136	79	38	
30-45	20	13	14	5	7	58	53	123	149	169	193	203	257	247	211	209	278	277	200	187	149	115	83	39	
45-00	19	9	8	9	15	39	78	108	152	162	182	219	249	202	236	261	278	266	209	154	149	122	53	41	
HOUR TOT	91	44	36	31	44	139	252	413	488	623	728	815	975	923	890	941	1067	1106	900	718	598	517	310	171	12820

AM PEAK HOUR 1100 TO 1200 VOLUME 815 AM TOTAL 3704
PM PEAK HOUR 0430 TO 0530 VOLUME 1119 PM TOTAL 9116

STATE OF WASHINGTON - DEPARTMENT OF TRANSPORTATION
T R I P S S Y S T E M
15 MINUTE TRAFFIC COUNT SUMMARY

SR 502 MP 007.54 OFF SYSTEM ID. LEG 1 DIRECTION OF TRAFFIC EASTBOUND LANE ALL OF

COUNT IDENTIFIER HPMS COUNTER NUMBER 292200 DESCRIPTION: ON SR 502 W/O SR 503 WYE CONN

07/01/04 THURSDAY

	AM HOURS											--|--		PM HOURS											
	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	DAILY TOTAL
00-15	26	18	13	8	5	24	55	86	117	145	216	175	227	208	245	261	276	295	293	193	146	123	98	63	
15-30	20	9	12	6	8	25	69	118	106	193	159	190	258	230	220	230	300	272	263	204	169	151	81	56	
30-45	25	10	6	4	9	43	68	124	115	164	160	213	269	236	199	232	274	292	210	168	153	133	80	40	
45-00	22	6	6	12	20	45	91	94	160	137	183	255	275	231	219	268	268	272	236	194	160	112	90	42	
HOUR TOT	93	43	37	30	42	137	283	422	498	639	718	833	1029	905	883	991	1118	1131	1002	759	628	519	349	201	13290

AM PEAK HOUR 1100 TO 1200 VOLUME 833 AM TOTAL 3775
PM PEAK HOUR 0415 TO 0515 VOLUME 1137 PM TOTAL 9515

07/02/04 FRIDAY

	AM HOURS											--|--		PM HOURS											
	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	DAILY TOTAL
00-15	35	18	10	7	14	19																			
15-30	20	9	12	8	12	25																			
30-45	12	16	16	8	7	45																			
45-00	19	17	6	10	20	35																			
HOUR TOT	86	60	44	33	53	124																			400

AM PEAK HOUR 0500 TO 0600 VOLUME 124 AM TOTAL 400
PM PEAK HOUR 0000 TO 0000 VOLUME 0 PM TOTAL 0

06/28/04 THRU 07/02/04
TOTAL HOURS FOR COUNT 90

3 DAYS FACTOR GROUP CB-02 FACTOR GROUP GR-A2
AVG WEEKDAY VOL 12885 X SEASONAL ADJ. FACTOR 0.9200 = 11854 X AXLE CORR FACTOR 0.9493 = ESTIMATED AVG DAILY TRAFFIC 11253

SR 502 MP 007.54 OFF SYSTEM ID. LEG 1 DIRECTION OF TRAFFIC BOTH WAYS LANE ALL OF

COUNT IDENTIFIER HPMS COUNTER NUMBER 292200 DESCRIPTION: ON SR 502 W/O SR 503 WYE CONN

06/28/04 MONDAY

	AM HOURS											--|--	PM HOURS												
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY TOTAL
00-15													442	493	469	464	534	495	442	345	373	269	163	98	
15-30													518	432	440	475	489	504	427	289	316	245	155	77	
30-45													447	437	413	458	508	500	379	333	289	208	120	82	
45-00												450	473	399	420	464	510	467	382	291	240	201	123	57	
HOUR TOT												450	1880	1761	1742	1861	2041	1966	1630	1258	1218	923	561	314	17605

AM PEAK HOUR 0000 TO 0000 VOLUME 0 AM TOTAL 450
PM PEAK HOUR 0400 TO 0500 VOLUME 2041 PM TOTAL 17155

06/29/04 TUESDAY

	AM HOURS											--|--	PM HOURS												
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY TOTAL
00-15	29	21	27	8	17	65	147	211	242	315	337	388	487	433	384	461	513	517	470	385	316	276	202	94	
15-30	32	15	26	13	21	115	176	225	252	340	332	424	511	399	421	464	487	502	365	365	341	229	166	70	
30-45	46	20	17	19	27	126	189	267	272	341	368	414	473	429	453	464	497	542	405	355	332	254	136	68	
45-00	30	16	10	20	51	166	208	243	316	374	364	447	440	411	421	446	543	468	376	313	282	187	99	74	
HOUR TOT	137	72	80	60	116	472	720	946	1082	1370	1401	1673	1911	1672	1679	1835	2040	2029	1616	1418	1271	946	603	306	25455

AM PEAK HOUR 1100 TO 1200 VOLUME 1673 AM TOTAL 8129
PM PEAK HOUR 0445 TO 0545 VOLUME 2104 PM TOTAL 17326

06/30/04 WEDNESDAY

	AM HOURS											--|--	PM HOURS												
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY TOTAL
00-15	49	26	19	13	29	89	154	236	224	316	377	414	477	501	424	445	518	525	475	368	359	287	195	89	
15-30	44	14	12	22	30	84	178	224	264	336	386	462	494	465	487	485	462	542	443	356	297	267	173	70	
30-45	42	25	22	17	43	150	190	255	293	358	392	429	495	466	409	419	512	517	398	355	282	235	152	62	
45-00	37	20	10	23	46	126	195	262	326	354	388	484	497	413	440	470	556	496	387	363	272	226	109	71	
HOUR TOT	172	85	63	75	148	449	717	977	1107	1364	1543	1789	1963	1845	1760	1819	2048	2080	1703	1442	1210	1015	629	292	26295

AM PEAK HOUR 1100 TO 1200 VOLUME 1789 AM TOTAL 8489
PM PEAK HOUR 0445 TO 0545 VOLUME 2140 PM TOTAL 17806

STATE OF WASHINGTON - DEPARTMENT OF TRANSPORTATION
T R I P S S Y S T E M
15 MINUTE TRAFFIC COUNT SUMMARY

SR 502 MP 007.54 OFF SYSTEM ID. LEG 1 DIRECTION OF TRAFFIC BOTH WAYS LANE ALL OF

COUNT IDENTIFIER HPMS COUNTER NUMBER 292200 DESCRIPTION: ON SR 502 W/O SR 503 WYE CONN

07/01/04 THURSDAY

	AM HOURS											--|--					PM HOURS								
	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	DAILY TOTAL
00-15	51	36	22	12	23	108	185	247	242	335	411	372	462	454	477	524	508	555	526	395	314	301	189	110	
15-30	40	20	20	13	30	84	192	268	276	379	354	411	529	465	474	456	576	517	462	382	352	275	149	100	
30-45	42	20	11	15	28	125	189	260	276	377	381	454	518	475	433	472	516	540	411	356	289	258	160	73	
45-00	51	14	10	27	55	139	225	241	344	340	405	501	497	472	466	514	520	493	429	417	311	208	156	71	
HOUR TOT	184	90	63	67	136	456	791	1016	1138	1431	1551	1738	2006	1866	1850	1966	2120	2105	1828	1550	1266	1042	654	354	27268

AM PEAK HOUR 1100 TO 1200 VOLUME 1738 AM TOTAL 8661
PM PEAK HOUR 0415 TO 0515 VOLUME 2167 PM TOTAL 18607

07/02/04 FRIDAY

	AM HOURS											--|--					PM HOURS								
	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	12 1	1 2	2 3	3 4	4 5	5 6	6 7	7 8	8 9	9 10	10 11	11 12	DAILY TOTAL
00-15	57	30	22	15	31	69																			
15-30	41	24	26	15	30	86																			
30-45	33	26	32	26	26	117																			
45-00	36	31	12	32	53	118																			
HOUR TOT	167	111	92	88	140	390																			988

AM PEAK HOUR 0500 TO 0600 VOLUME 390 AM TOTAL 988
PM PEAK HOUR 0000 TO 0000 VOLUME 0 PM TOTAL 0

06/28/04 THRU 07/02/04
TOTAL HOURS FOR COUNT 90

3 DAYS FACTOR GROUP CB-02 FACTOR GROUP GR-A2
AVG WEEKDAY VOL 26339 X SEASONAL ADJ. FACTOR 0.9200 = 24232 X AXLE CORR FACTOR 0.9493 = ESTIMATED AVG DAILY TRAFFIC 23003

PEAK HOUR PERCENTAGES: K = 8.23 D = 52.47
PEAK HOUR LOCATION : VOLUME = 2167 DATE: 07/01/04 TIME: 04:15 PM