



Interval 60 min. 15 min.
 Binned(CL/SP) Count(volume)
Lane No 1 2

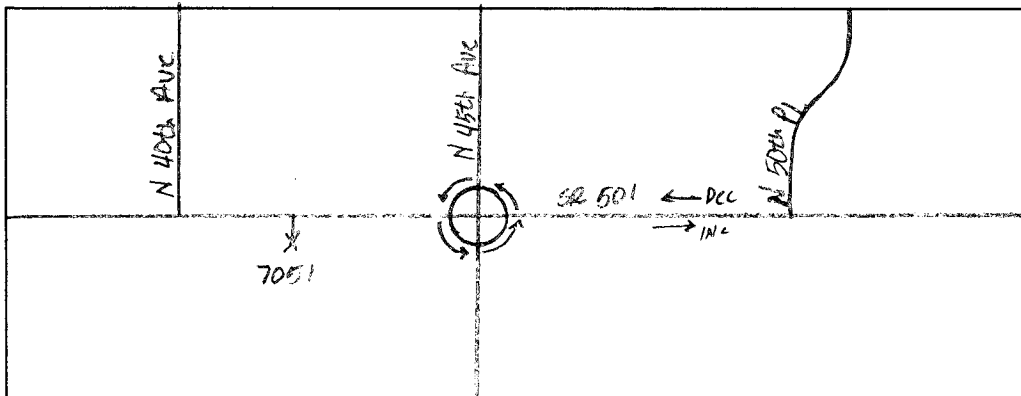
Direction Channel 1 _____
Direction Channel 2 _____
Data Hog # _____

Counter No. 357051 Count ID HPMS
SR 501 RRT/RRQ MP 19.01
19.05
Leg 1 Direction EB OSID _____

Station Description ON SR 501 W/O 45TH AVE / N 45th Ave Roundabout

Date	Day	Time	Comments
8/25/08	2	1058	Manual (1) <u>1</u> (2) _____ Counter (1) <u>1</u> (2) _____ Counters set O.K. JH/RM 6.4
8/26/08	3	0756	Manual (1) <u>14</u> (2) _____ Counter (1) <u>14</u> (2) _____ Check O.K. JH/RM 6.8
8/27/08	4	0841	Manual (1) <u>18</u> (2) _____ Counter (1) <u>18</u> (2) _____ Check O.K. JH/RM 6.7
8/28/08	5	<u>1024</u>	Manual (1) <u>16</u> (2) _____ Counter (1) <u>16</u> (2) _____ Check O.K. JH/RM 7.1
8/29/08	6	<u>0534</u>	Manual (1) <u>1</u> (2) _____ Counter (1) <u>1</u> (2) _____ P/U O.K. JH/RM 6.4

Sketch



R. McBrain / J. Hendrickson
Field Person

STATE OF WASHINGTON - DEPARTMENT OF TRANSPORTATION
TRIP SYSTEM
15 MINUTE TRAFFIC COUNT SUMMARY

SR 501 MP 019.01 OFF SYSTEM ID. LEG 1 DIRECTION OF TRAFFIC WESTBOUND LANE ALL OF

COUNT IDENTIFIER HPMS COUNTER NUMBER 357067 DESCRIPTION: ON SR 501 W/O S 45TH AVE/N 45TH AVE ROUNDABOUT

08/25/08	MONDAY	AM HOURS												PM HOURS												DAILY TOTAL
COUNT	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		2788
TOT	26	14	18	7	12	29	58	126	112	138	157	184	257	234	215	276	427	453	307	215	194	161	99	30		3749

AM PEAK HOUR 1100 TO 1200 VOLUME 173
PM PEAK HOUR 0515 TO 0615 VOLUME 420

AM TOTAL 173
PM TOTAL 2615

08/26/08	TUESDAY	AM HOURS												PM HOURS												DAILY TOTAL
COUNT	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		881
TOT	26	14	18	7	12	29	58	126	112	138	157	184	257	234	215	276	427	453	307	215	194	161	99	30		3749

AM PEAK HOUR 1045 TO 1145 VOLUME 186
PM PEAK HOUR 0430 TO 0530 VOLUME 478

AM TOTAL 881
PM TOTAL 2868

08/27/08	WEDNESDAY	AM HOURS												PM HOURS												DAILY TOTAL
COUNT	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		973
TOT	25	17	19	8	9	30	56	229	111	141	157	171	191	199	262	280	311	409	337	237	198	124	77	47		3645

AM PEAK HOUR 0700 TO 0800 VOLUME 229
PM PEAK HOUR 0500 TO 0600 VOLUME 409

AM TOTAL 973
PM TOTAL 2672

SR 501 MP 019.01 OFF SYSTEM ID. LEG 1 DIRECTION OF TRAFFIC WESTBOUND LANE ALL OF
 COUNT IDENTIFIER HPMS COUNTER NUMBER 357067 DESCRIPTION: ON SR 501 W/O S 45TH AVE/N 45TH AVE ROUNDABOUT

08/28/08 THURSDAY	AM HOURS												DAILY TOTAL											
	1	2	3	4	5	6	7	8	9	10	11	12												
12	1	2	3	4	5	6	7	8	9	10	11	12	929											
1	2	3	4	5	6	7	8	9	10	11	12	3685												
00-15	14	4	2	3	2	6	8	29	40	34	39	56	51	49	68	71	83	151	127	107	71	60	24	
15-30	2	4	6	2	3	5	9	28	27	48	38	61	47	66	40	82	95	142	94	85	59	31	28	
30-45	8	5	1	2	4	5	30	30	24	26	40	51	53	56	84	81	132	165	99	72	46	28		
45-00	7	1	6	1	12	24	54	40	28	28	51	56	58	66	68	92	173	107	106	91	54	19		
TOT	31	14	15	8	27	69	209	127	119	136	168	224	209	237	260	326	483	565	426	372	282	199	102	4614
								AM PEAK HOUR 0700 TO 0800 VOLUME							209						AM TOTAL			929
								PM PEAK HOUR 0545 TO 0645 VOLUME							631						PM TOTAL			3685

08/29/08 FRIDAY	AM HOURS												DAILY TOTAL												
	1	2	3	4	5	6	7	8	9	10	11	12													
12	1	2	3	4	5	6	7	8	9	10	11	12	534												
1	2	3	4	5	6	7	8	9	10	11	12	12	0												
00-15	8	12	17	8	6	6	14	81	29	48	38	61	47	66	40	82	95	142	94	85	59	31	28		
15-30	11	13	11	2	4	4	12	34	30	24	40	51	53	56	84	81	132	165	99	72	46	28			
30-45	10	19	6	2	4	4	12	34	30	24	40	51	53	56	84	81	132	165	99	72	46	28			
45-00	12	5	8	6	6	29	58	40	28	28	51	56	58	66	68	92	173	107	106	91	54	19			
TOT	41	51	42	22	23	55	127	173	127	119	136	168	224	209	237	260	326	483	565	426	372	282	199	102	4614
								AM PEAK HOUR 0630 TO 0730 VOLUME							265						AM TOTAL			534	
								PM PEAK HOUR 0000 TO 0000 VOLUME							0						PM TOTAL			0	

08/25/08 THRU 08/29/08 91
 TOTAL HOURS FOR COUNT
 3 DAYS
 AVG WEEKDAY VOL 4003 X SEASONAL ADJ. FACTOR 0.9000 = 3603 X AXLE CORR FACTOR 0.9445 = ESTIMATED AVG DAILY TRAFFIC 3403
 FACTOR GROUP GR-02
 FACTOR GROUP GR-R3

STATE OF WASHINGTON - DEPARTMENT OF TRANSPORTATION
TRIP SYSTEM
15 MINUTE TRAFFIC COUNT SUMMARY

SR 501 MP 019.01 OFF SYSTEM ID. LEG 1 DIRECTION OF TRAFFIC EASTBOUND LANE ALL OF

COUNT IDENTIFIER HPMS COUNTER NUMBER 357051 DESCRIPTION: ON SR 501 W/O S 45TH AVE/N 45TH AVE ROUNDABOUT

08/28/08	THURSDAY	AM HOURS												PM HOURS												DAILY TOTAL	
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	3783		
TOT	12	6	14	14	33	135	247	395	253	231	214	196	203	213	213	252	279	277	197	144	119	79	38	19	3783		
		AM PEAK HOUR 0700 TO 0800 VOLUME 395												PM PEAK HOUR 0430 TO 0530 VOLUME 296												AM TOTAL 1750	
																										PM TOTAL 2033	

08/29/08	FRIDAY	AM HOURS												PM HOURS												DAILY TOTAL	
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	584		
TOT	20	6	14	20	40	118	218	148	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	584		
		AM PEAK HOUR 0630 TO 0730 VOLUME 272												PM PEAK HOUR 0000 TO 0000 VOLUME 0												AM TOTAL 584	
																										PM TOTAL 0	

08/25/08 THRU 08/29/08 TOTAL HOURS FOR COUNT 91

3 DAYS AVG WEEKDAY VOL 3820 X SEASONAL ADJ. FACTOR 0.9000 = 3438 X AXLE CORR FACTOR 0.9445 = ESTIMATED AVG DAILY TRAFFIC 3247

FACTOR GROUP GR-02

FACTOR GROUP GR-R3

SR 501 MP 019.01 OFF SYSTEM ID. LEG 1 DIRECTION OF TRAFFIC BOTH WAYS LANE ALL OF
 COUNT IDENTIFIER HPMS COUNTER NUMBER 357051 DESCRIPTION: ON SR 501 W/O S 45TH AVE/N 45TH AVE ROUNDABOUT

08/28/08 THURSDAY	AM HOURS												PM HOURS												DAILY TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	8397
TOT	43	20	29	22	39	162	316	604	380	350	350	364	427	422	450	512	605	760	762	570	491	361	237	121	
	AM PEAK HOUR 0700 TO 0800 VOLUME 604												PM PEAK HOUR 0545 TO 0645 VOLUME 848												AM TOTAL 2679
	PM PEAK HOUR 0000 TO 0000 VOLUME 0																								PM TOTAL 5718

08/29/08 FRIDAY	AM HOURS												PM HOURS												DAILY TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1118
TOT	61	57	56	42	63	173	345	321	537	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	AM PEAK HOUR 0630 TO 0730 VOLUME 537												PM PEAK HOUR 0000 TO 0000 VOLUME 0												AM TOTAL 1118
	PM PEAK HOUR 0000 TO 0000 VOLUME 0																								PM TOTAL 0

08/25/08 THRU 08/29/08 TOTAL HOURS FOR COUNT 91
 3 DAYS AVG WEEKDAY VOL 7823 X SEASONAL ADJ. FACTOR 0.9000 = 7041 X AXLE CORR FACTOR 0.9445 = ESTIMATED AVG DAILY TRAFFIC 6650
 PEAK HOUR PERCENTAGES: K = 10.84 D = 74.41
 PEAK HOUR LOCATION : VOLUME = 848 DATE: 08/28/08 TIME: 05:45 PM



Interval 60 min. 15 min.
 Binned(CL/SP) Count(volume)
Lane No 1 2

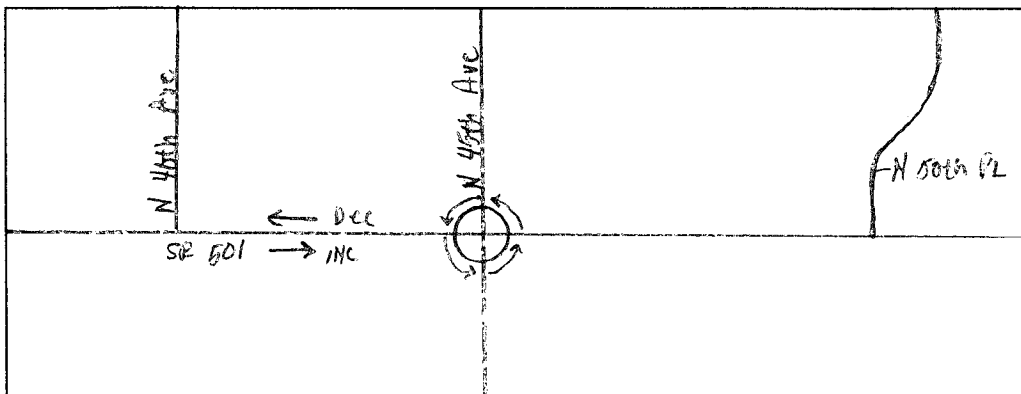
Direction Channel 1 _____
Direction Channel 2 _____
Data Hog # _____

Counter No. 357069 Count ID HPMS
SR 501 RRT/RRQ MP 19.09
Leg 2 Direction WB OSID _____

Station Description _ ON SR 501 E/O 45TH AVE / N 45th Ave Roundabout

Date	Day	Time	Comments
8/25/08	2	1115	Manual (1) <u>2</u> (2) _____ Counter (1) <u>2</u> (2) _____ Counters set O.K. JH/RM 6.4
8/26/08	3	0803	Manual (1) <u>13</u> (2) _____ Counter (1) <u>13</u> (2) _____ Check O.K. JH/RM 6.4
8/27/08	4	0831	Manual (1) <u>12</u> (2) _____ Counter (1) <u>12</u> (2) _____ Check O.K. JH/RM 6.5
8/28/08	5	<u>1033</u>	Manual (1) <u>15</u> (2) _____ Counter (1) <u>15</u> (2) _____ Check O.K. JH/RM <u>6.9</u>
8/29/08	6	<u>0728</u>	Manual (1) <u>1</u> (2) _____ Counter (1) <u>1</u> (2) _____ P/U O.K. JH/RM <u>6.4</u>

Sketch



RM / JH
Field Person



Interval 60 min. 15 min.
 Binned(CL/SP) Count(volume)
Lane No 1 2

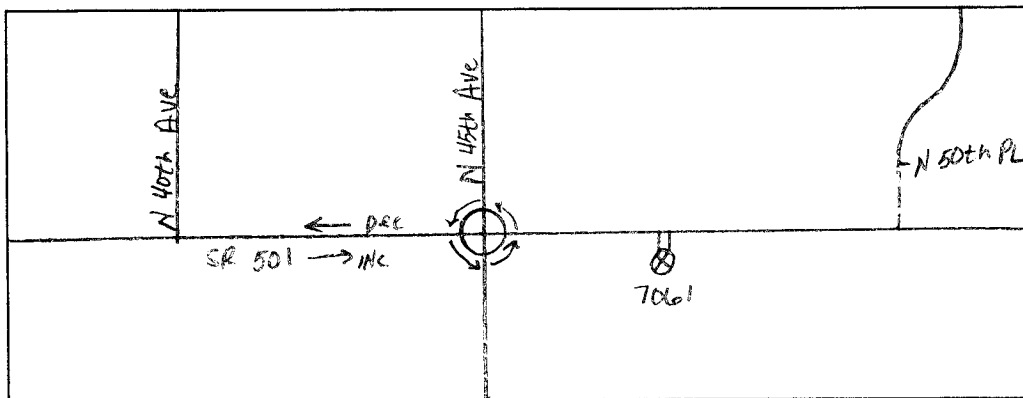
Direction Channel 1 _____
Direction Channel 2 _____
Data Hog # _____

Counter No. 357061 Count ID HPMS
19.09
SR 501 RRT/RRQ MP 10.05
Leg 2 Direction EB OSID _____

Station Description _ ON SR 501 E/O 45TH AVE / N 45th Ave Roundabout

Date	Day	Time	Comments
8/25/08	2	1105	Manual (1) <u>2</u> (2) _____ Counter (1) <u>2</u> (2) _____ Counters set O.K. JH/RM 6.4
8/26/08	3	0804	Manual (1) <u>24</u> (2) _____ Counter (1) <u>24</u> (2) _____ Check O.K. JH/RM 6.5
8/27/08	4	0832	Manual (1) <u>34</u> (2) _____ Counter (1) <u>34</u> (2) _____ Check O.K. JH/RM 6.6
8/28/08	5	<u>1034</u>	Manual (1) <u>20</u> (2) _____ Counter (1) <u>20</u> (2) _____ Check O.K. JH/RM <u>6.5</u>
8/29/08	6	<u>0727</u>	Manual (1) <u>1</u> (2) _____ Counter (1) <u>1</u> (2) _____ P/U O.K. JH/RM <u>6.5</u>

Sketch



RM / JH
Field Person

STATE OF WASHINGTON - DEPARTMENT OF TRANSPORTATION
 TRIP SYSTEM
 HOURLY TRAFFIC CLASSIFICATION SUMMARY

SR 501	MP 019.09	OFF SYSTEM ID.	LEG 2	DIRECTION OF TRAFFIC	WESTBOUND	LANE ALL OF													
COUNT IDENTIFIER	HPMS	COUNTER NUMBER	357069	DESCRIPTION:	ON SR 501 E/O S 45TH AVE/N 45TH AVE ROUNDABOUT														
08-25-08	MONDAY	CARS PICKUPS	BUS	SINGLE MED	HVY	4+	SINGLE UNIT %	DOUBLE UNITS 4-	5	6+	DOUBLE UNIT %	5-	6	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES	
12 - 1	218			17	1		7.6	1			1.1			1		8.4		238	
11 - 2	243			17			6.4				1.3					8.3		265	
10 - 3	280	1		17	1	1	6.6	3			1.3					7.9	1	265	
9 - 4	338			16			5.0									5.0		305	
8 - 5	404			13	1	1	3.1									3.3		359	
7 - 6	488			19	2		4.1	2		1	.2					4.8	3	418	
6 - 7	401			11			2.7				.8					2.9		413	
5 - 8	245			11	1		4.7		1		.5					4.7		257	
4 - 9	213			7			3.2									3.6		221	
3 - 10	171			5			2.8			1	2.3					2.8		176	
2 - 11	82			2			2.3	1		1						4.7		86	
1 - 12	57																	57	
AM TOTAL	3140	1	135	6	2	2	4.3	8	6	2	.5			1	3	.1	5.0	7	3311
PM TOTAL	3140	1	135	6	2	2	4.3	8	6	2	.5			1	3	.1	5.0	7	3311
DAY TOTAL	3140	1	135	6	2	2	4.3	8	6	2	.5			1	3	.1	5.0	7	3311
																			3347

2-AXLE EQUIVALENT

SR 501	MP 019.09	OFF SYSTEM ID.	LEG 2	DIRECTION OF TRAFFIC	WESTBOUND	LANE ALL	OF									
COUNT IDENTIFIER	HPMS	COUNTER NUMBER	357069	DESCRIPTION:	ON SR 501 E/O S 45TH AVE/N 45TH AVE	ROUNDAABOUT										
08-26-08	TUESDAY															
AM HOURS	CARS PICKUPS	BUS	SINGLE MED	HVY	4+	SINGLE UNIT %	DOUBLE 4-5	DOUBLE 6+	DOUBLE UNIT %	5-6	TRAINS 7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES	
12 - 1	42		2			4.5			8.7				4.5		44	
1 - 2	21					8.7							8.7		23	
2 - 3	18					5.3							5.3		25	
3 - 4	8					11.1							11.1		19	
4 - 5	9					8.3	1						25.0		9	
5 - 6	27					3.6		1					3.6		12	
6 - 7	72					7.7							7.7		28	
7 - 8	138			2		9.0		1					10.9		78	
8 - 9	123			2		10.0		2					12.1		156	
9 - 10	148			2		13.7		1					15.4		140	
10 - 11	178			1		10.9		2					11.4		175	
11 - 12	201			1		6.5		1					6.5		202	
PM HOURS															215	
12 - 1	287			1		8.2							8.8	1	317	
1 - 2	267					7.6		1					7.9		290	
2 - 3	254					8.2							9.0		279	
3 - 4	337					5.3	1	1					6.1		360	
4 - 5	513					4.8	1	1					5.3	1	343	
5 - 6	541					3.2							3.4		560	
6 - 7	380					3.3	1						3.8		395	
7 - 8	261					4.0							4.0		270	
8 - 9	241					4.0							4.4		251	
9 - 10	197					3.4	2						4.3		206	
10 - 11	112					4.3		1					2.3		117	
11 - 12	41					2.3							2.3		43	
AM TOTAL	985			3		84		6					7		1101	
PM TOTAL	3431			2		167		1					4		3631	
DAY TOTAL	4416			5		251		7					15		4732	
															2-AXLE EQUIVALENT	4799

STATE OF WASHINGTON - DEPARTMENT OF TRANSPORTATION
TRIP SYSTEM
HOURLY TRAFFIC CLASSIFICATION SUMMARY

SR 501 MP 019.09 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC WESTBOUND LANE ALL OF

COUNT IDENTIFIER HPMS COUNTER NUMBER 357069 DESCRIPTION: ON SR 501 E/O S 45TH AVE/N 45TH AVE ROUNDABOUT

DAY	AM TOTAL	PM TOTAL	CARS PICKUPS	BUS	SINGLE MED	SINGLE UNITS HVY	4+ UNIT %	DOUBLE UNITS 4-	5	6+	DOUBLE UNITS UNIT %	5- TRAINS 6	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
08-27-08	1102	3145	36	1	1	2.7	10.0	1	1	1	10.0	1	1	1	2.7	1	37
WEDNESDAY	1102	3145	36	1	1	2.7	10.0	1	1	1	10.0	1	1	1	2.7	1	37
AM HOURS	1	1	17	1	1	2.7	10.0	1	1	1	10.0	1	1	1	2.7	1	37
12 -	1	1	17	1	1	2.7	10.0	1	1	1	10.0	1	1	1	2.7	1	37
1 -	2	3	20	1	1	8.3	10.0	1	1	1	16.7	1	1	1	20.0	1	20
2 -	3	4	8	1	2	6.7	10.0	1	1	1	16.7	1	1	1	25.0	1	10
3 -	4	5	9	1	2	6.7	10.0	1	1	1	16.7	1	1	1	13.3	1	12
4 -	5	6	26	1	2	7.6	10.0	1	1	1	1.3	1	1	1	8.9	2	30
5 -	6	7	70	1	2	8.9	10.0	1	1	1	1.2	1	1	1	10.2	1	79
6 -	7	8	127	1	2	9	10.2	1	1	1	1.4	1	1	1	8.0	1	246
7 -	8	9	127	1	2	9	10.2	1	1	1	1.4	1	1	1	12.5	1	138
8 -	9	10	175	1	2	10.5	10.5	1	1	1	1.5	1	1	1	9.4	1	200
9 -	10	11	193	1	2	7.0	10.6	2	2	3	2.3	1	1	1	11.5	1	213
10 -	11	12	200	1	2	10.6	10.6	2	2	3	2.4	1	1	1	11.5	1	227
11 -	12	1	219	1	17	9.0	9.0	1	1	1	.8	1	1	1	10.2	1	245
PM HOURS	1	2	237	1	18	7.7	7.7	1	1	1	.4	1	1	1	8.5	1	260
12 -	2	3	276	1	23	9.0	9.0	3	1	1	1.6	1	1	1	11.0	1	310
1 -	3	4	327	1	21	6.3	6.3	1	1	1	.3	1	1	1	6.6	1	351
2 -	4	5	363	1	20	5.7	5.7	1	1	1	.3	1	1	1	6.2	1	387
3 -	5	6	467	1	22	4.9	4.9	1	1	1	.2	1	1	1	5.3	1	493
4 -	6	7	399	1	13	3.1	3.1	1	1	1	.7	1	1	1	4.1	1	416
5 -	7	8	295	1	12	4.2	4.2	1	2	2	.6	1	1	1	4.8	1	311
6 -	8	9	248	1	13	2.4	2.4	1	2	2	.6	1	1	1	2.4	1	254
7 -	9	10	153	1	10	6.1	6.1	1	1	1	.6	1	1	1	6.7	1	165
8 -	10	11	102	1	3	2.9	2.9	1	1	1	.6	1	1	1	2.9	1	105
9 -	11	12	59	1	1	2.9	2.9	1	1	1	.6	1	1	1	2.9	1	60
10 -	12	1	59	1	1	2.9	2.9	1	1	1	.6	1	1	1	2.9	1	60
11 -	1	2	86	2	86	9	8.3	7	14	1	1.8	1	1	1	10.2	4	1232
AM TOTAL	1102	3145	36	1	1	2.7	10.0	1	1	1	10.0	1	1	1	2.7	1	37
PM TOTAL	1102	3145	36	1	1	2.7	10.0	1	1	1	10.0	1	1	1	2.7	1	37
DAY TOTAL	4247	5	251	19	10	6.2	15	22	2	.8	1	1	7	-.2	7.2	10	4589
															2-AXLE EQUIVALENT		4680

SR 501 MP 019.09 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC WESTBOUND LANE ALL OF

COUNT IDENTIFIER HPMS COUNTER NUMBER 357069 DESCRIPTION: ON SR 501 E/O S 45TH AVE/N 45TH AVE ROUNDABOUT

08-28-08 THURSDAY AM HOURS	CARS PICKUPS	BUS MED	SINGLE UNITS 4+	SINGLE UNIT %	DOUBLE UNITS 4-	DOUBLE UNITS 5	DOUBLE UNITS 6+	DOUBLE UNIT %	5-	6	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
12 - 1	38	2		5.0		1		5.0					5.0		40
1 - 2	19			9.5		2		9.5					19.0		21
2 - 3	17			9.1		1		9.1					18.2		11
3 - 4	9			9.1	1			12.5					12.5		8
4 - 5	7			3.2				3.2					9.7	1	31
5 - 6	27			7.8	1			2.2			1	3.2	12.2		90
6 - 7	79			6.0	1	2		1.2	1		2	.8	8.0		249
7 - 8	229			11.0		1	1	1.4			2	1.4	13.8		145
8 - 9	125			9.8		2		1.2			1	.6	11.6	1	164
9 - 10	144			10.0		1	1	.6			1	.6	11.3		160
10 - 11	142			6.3	4			2.5			2	.8	9.7	3	237
11 - 12	211			7.1		1		1.9			2	.8	9.8	1	266
PM HOURS				5.5	4	2		1.1	1	1	2	1.5	8.0		275
12 - 1	239			6.7	2	2		1.4			1	.4	7.4	2	282
1 - 2	253			7.1	2	2		.8			2	.5	7.3	3	311
2 - 3	256			4.6	2	1		.8			2	.5	5.9	3	392
3 - 4	285			6.3	3	1		.8			2	.5	7.3	3	478
4 - 5	366			4.6	2			.5			2	.5	5.6	1	390
5 - 6	443			3.4	2						2	.5	3.4	1	295
6 - 7	368			2.9	1						1		2.9	1	242
7 - 8	284			3.6									3.6		192
8 - 9	235			1.6									1.6		122
9 - 10	184			5.9		1		1.5					7.4		68
10 - 11	120			7.7				1.9					10.5	5	1176
11 - 12	63			5.2		7		.7			10	.4	6.2	11	3313
AM TOTAL	1047			5.8	8	10	4	1.0	1	1	10	.5	7.4	16	4489
PM TOTAL	3096				15	7	1		1	1	10			11	3313
DAY TOTAL	4143				23	17	5		2	1	20			27	7802

2-AXLE EQUIVALENT

SR 501 MP 019.09 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC WESTBOUND LANE ALL OF

COUNT IDENTIFIER HPMS COUNTER NUMBER 357069 DESCRIPTION: ON SR 501 E/O S 45TH AVE/N 45TH AVE ROUNDABOUT

08-29-08 FRIDAY AM HOURS	CARS PICKUPS	BUS MED	SINGLE UNITS 4+	DOUBLE UNITS 4- 5	TRAINS 6	TRAINS 7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES			
12 - 1	34									35			
11 - 2	29									31			
10 - 3	20									24			
9 - 4	14									15			
8 - 5	12									16			
7 - 6	27									28			
6 - 7	81									87			
5 - 8													
4 - 9													
3 - 10													
2 - 11													
1 - 12													
PM HOURS													
12 - 1													
11 - 2													
10 - 3													
9 - 4													
8 - 5													
7 - 6													
6 - 7													
5 - 8													
4 - 9													
3 - 10													
2 - 11													
1 - 12													
AM TOTAL	217	7	1	3.4	2	1	3	2.5	3	1.3	7.2	2	236
PM TOTAL	217	7	1	3.4	2	1	3	2.5	3	1.3	7.2	2	236
DAY TOTAL	217	7	1	3.4	2	1	3	2.5	3	1.3	7.2	2	236

08-25-08 THRU 08-29-08															
AVERAGE WEEKDAY CLASSIFICATION VOLUMES *****															
CARS PICKUPS	BUS MED	4+ HVV	SINGLE UNIT %	DOUBLE UNITS 4- 5	TRAINS 6	TRAINS 7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES					
4269	5	248	13	10	6.0	15	17	5	.8	1	9	.2	7.0	11	4603
TOTAL HOURS FOR COUNT 91															
3 DAYS															
AVG WEEKDAY VOL 4603 X SEASONAL ADJ. FACTOR 0.9000 = ESTIMATED AVG DAILY TRAFFIC 4143															
AWD 2-AXLE EQUIVALENT															

STATE OF WASHINGTON - DEPARTMENT OF TRANSPORTATION
 TRIP SYSTEM
 HOURLY TRAFFIC CLASSIFICATION SUMMARY

SR 501 MP 019.09 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC EASTBOUND LANE ALL OF
 COUNT IDENTIFIER HPMS COUNTER NUMBER 357061 DESCRIPTION: ON SR 501 E/O S 45TH AVE/N 45TH AVE ROUNDABOUT

AM	PM	CARS PICKUPS	BUS MED	SINGLE UNITS HVY	4+	SINGLE UNIT %	DOUBLE UNITS 4-	5	6+	DOUBLE UNIT %	5-	6	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
08-25-08																	
MONDAY																	
AM HOURS																	
12 - 1		228				5.7							1	.4	6.1		244
1 - 2		242		13		5.4									5.8		257
2 - 3		202		14		2.4									3.3		210
3 - 4		221		5		8.2				1.0					9.1		243
4 - 5		254		19	1	5.6				.8					5.6		270
5 - 6		257		15		4.4				.4					4.8		247
6 - 7		238		12		3.6			1	1.2					3.6		170
7 - 8		157		8	1	6.5									7.6		131
8 - 9		125		11		4.6									4.6		82
9 - 10		81		6		1.2									1.2		43
10 - 11		40		1		4.7				2.3					7.0		28
11 - 12		28		2													
AM TOTAL		2073		106	1	5.0	6	1	1	.4			2	.1	5.4		2196
PM TOTAL		2073		106	1	5.0	6	1	1	.4			2	.1	5.4		2196
DAY TOTAL		2073		106	1	5.0	6	1	1	.4			2	.1	5.4		2212

2-AXLE EQUIVALENT

STATE OF WASHINGTON - DEPARTMENT OF TRANSPORTATION
TRIP SYSTEM SUMMARY
HOURLY TRAFFIC CLASSIFICATION SUMMARY

SR 501	MP 019.09	OFF SYSTEM ID.	LEG 2	DIRECTION OF TRAFFIC	EASTBOUND	LANE ALL OF										
COUNT IDENTIFIER	HPMS	COUNTER NUMBER	357061	DESCRIPTION: ON SR 501 E/O S 45TH AVE/N 45TH AVE ROUNDABOUT												
08-27-08																
WEDNESDAY																
AM HOURS	CARS PICKUPS	BUS	SINGLE MED	UNITS HVY	4+	SINGLE UNIT %	DOUBLE 4-	UNITS 5	6+	DOUBLE UNIT %	5- TRAINS 6	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
12 - 1	16		2			11.1								11.1		18
1 - 2	9		1			10.0								10.0		10
2 - 3	9		2			18.2								18.2		11
3 - 4	16		1			5.9								5.9		17
4 - 5	54		1			1.8								3.6		56
5 - 6	155		1			7.1								8.8		170
6 - 7	278		1			6.4								6.4		297
7 - 8	427		1			5.5								5.7		454
8 - 9	401		1			4.3								4.7		422
9 - 10	297		2			6.5								5.4		314
10 - 11	272		1			6.5								7.5		294
11 - 12	242		1			6.5								8.0		263
PM HOURS																
12 - 1	231		14			6.7								7.9		252
1 - 2	229		13			5.3								5.8		243
2 - 3	243		21			7.8								9.0		268
3 - 4	270		19			7.1								8.8		297
4 - 5	266		1			6.0								6.7		285
5 - 6	271		16			4.5								5.2		287
6 - 7	241		11			4.3								5.0		257
7 - 8	210		9			4.1								3.3		221
8 - 9	146		5			3.3								3.3		151
9 - 10	103		1			1.0								1.0		104
10 - 11	44		1			4.2								8.3		44
11 - 12	22		1			4.2								4.2		24
AM TOTAL	2176		6			5.8								6.4		2376
PM TOTAL	2276		1			5.3								6.2		2433
DAY TOTAL	4452		7			5.5								6.3		4759
														2-AXLE EQUIVALENT		4828

STATE OF WASHINGTON - DEPARTMENT OF TRANSPORTATION
 TRIP SYSTEM
 HOURLY TRAFFIC CLASSIFICATION SUMMARY

SR 501	MP 019.09	OFF SYSTEM ID.	LEG 2	DIRECTION OF TRAFFIC	EASTBOUND	LANE ALL	OF												
COUNT IDENTIFIER	HPMS	COUNTER NUMBER	357061	DESCRIPTION:	ON SR 501 E/O S 45TH AVE/N 45TH AVE ROUNDABOUT														
08-28-08	THURSDAY	CARS PICKUPS	BUS	SINGLE MED	HVY	4+	SINGLE UNIT %	DOUBLE 4-	5	6+	DOUBLE UNIT %	5-	TRAINS 6	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES	
12 - 1	1	14		1			6.7									6.7		15	
1 - 1	1	6		1			14.3									14.3		7	
2 - 3	3	14		2			11.8		1							17.6		17	
3 - 4	4	20		2			9.1			1						9.1		22	
4 - 5	5	48									2.0					2.0		49	
5 - 6	6	162					5.8									5.8		173	
6 - 7	7	285	1	10			7.4									7.8		309	
7 - 8	8	479		20			4.0			1						4.8		503	
8 - 9	9	300		14	2		5.0		1	1						6.3		320	
9 - 10	10	274	2	25	1		9.4	1	2	1						10.4		308	
10 - 11	11	249		9			3.8									5.0		262	
11 - 12	12	233		18			7.1	1	1	1						8.3		254	
PM HOURS																			
12 - 1	1	236		14			5.5	3		1						7.5		255	
1 - 2	2	236		14	2		6.2	1	1							8.2		257	
2 - 3	3	248		17			7.0	3	1	1						8.8		272	
3 - 4	4	301	1	17		2	5.9	1	1							6.5		322	
4 - 5	5	300		21			6.4	3	3							8.5		328	
5 - 6	6	304		11		1	3.4	2								4.4	2	320	
6 - 7	7	229		11			4.9									5.3		243	
7 - 8	8	157		7			4.0	2								6.3		175	
8 - 9	9	155		6			3.7	1								4.3		162	
9 - 10	10	92		5			5.1									5.1		98	
10 - 11	11	49		1			2.0									2.0		50	
11 - 12	12	25																25	
AM TOTAL		2084	3	124	5	4	5.9	4	5	3		1	7			6.8	3	2239	
PM TOTAL		2332	1	124	2	4	5.2	16	5	1		1	11			6.5	11	2507	
DAY TOTAL		4416	4	248	7	4	5.5	20	10	4		1	18			6.7	14	4746	
																		2-AXLE EQUIVALENT	4843

STATE OF WASHINGTON - DEPARTMENT OF TRANSPORTATION
TRIP SYSTEM
HOURLY TRAFFIC CLASSIFICATION SUMMARY

SR 501 MP 019.09 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC EASTBOUND LANE ALL OF
COUNT IDENTIFIER HPMS COUNTER NUMBER 357061 DESCRIPTION: ON SR 501 E/O S 45TH AVE/N 45TH AVE ROUNDABOUT

08-29-08	CARS PICKUPS	BUS	SINGLE MED	HVY	4+	SINGLE UNIT %	DOUBLE	4-	5	6+	DOUBLE UNIT %	5-	6	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
FRIDAY	17		3			13.6		1	1		9.1					22.7		22
AM HOURS	7		1			12.5										12.5		8
1 - 1	1					12.5										4.2		16
2 - 2	14		2													4.2		24
3 - 3	23					1.9										5.7		53
4 - 4	50		1			6.7										9.4		149
5 - 5	135		10			6.4		1	2	1						6.8		266
6 - 6	247		13		2													
7 - 7																		
8 - 8																		
9 - 9																		
10 - 10																		
11 - 11																		
12 - 12																		
PM HOURS																		
1 - 1																		
2 - 2																		
3 - 3																		
4 - 4																		
5 - 5																		
6 - 6																		
7 - 7																		
8 - 8																		
9 - 9																		
10 - 10																		
11 - 11																		
12 - 12																		
AM TOTAL	493	2	30	2		6.3		3	3	1	1.3					.6		538
PM TOTAL	493	2	30	2		6.3		3	3	1	1.3					.6		538
DAY TOTAL	493	2	30	2		6.3		3	3	1	1.3					.6		538

08-25-08 THRU 08-29-08

AVERAGE WEEKDAY CLASSIFICATION VOLUMES *****

CARS PICKUPS	BUS	SINGLE MED	HVY	4+	SINGLE UNIT %	DOUBLE	4-	5	6+	DOUBLE UNIT %	5-	6	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
4449	5	243	10	2	5.5	14	9	3		.5			11	.2	6.2	12	4760
AVERAGE WEEKDAY CLASSIFICATION VOLUMES *****																	
CARS PICKUPS BUS MED HVY 4+ SINGLE UNIT % DOUBLE 4- 5 6+ DOUBLE UNIT % 5- 6 7+ TRAIN % TRUCK % CLASS UNKNOWN TOTAL VEHICLES																	
AVERAGE WEEKDAY VOL 4760 X SEASONAL ADJ. FACTOR 0.9000 = ESTIMATED AVG DAILY TRAFFIC 4284																	
TOTAL HOURS FOR COUNT 91																	
3 DAYS																	
FACTOR GROUP GR-02																	
AVERAGE WEEKDAY VOL 4760 X SEASONAL ADJ. FACTOR 0.9000 = ESTIMATED AVG DAILY TRAFFIC 4284																	

STATE OF WASHINGTON - DEPARTMENT OF TRANSPORTATION
 TRIP SYSTEM
 HOURLY TRAFFIC CLASSIFICATION SUMMARY

SR	COUNT	IDENTIFIER	HPMS	OFF SYSTEM ID.	COUNTER NUMBER	357061	DESCRIPTION	ON SR 501 E/O S 45TH AVE/N 45TH AVE ROUNDABOUT	LEG 2	DIRECTION OF TRAFFIC	BOTH WAYS	LANE ALL	OF						
08-25-08																			
MONDAY																			
AM HOURS		CARS PICKUPS		BUS	SINGLE MED	UNITS HVY	4+	SINGLE UNIT %	DOUBLE 4-	DOUBLE 5	DOUBLE 6+	DOUBLE UNIT %	5- TRAINS 6	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES	
12 - 1		446			30		1	6.6										1	482
1 - 2		485			31			5.9											522
2 - 3		482			22		1	4.9											515
3 - 4		559		1	22		1	6.3	5			1.2						2	602
4 - 5		658			35			4.1	2			.3						3	688
5 - 6		745			28			4.2				.1						1	787
6 - 7		639		1	31		2	3.0	1		1	.6						4	660
7 - 8		402			19			5.4				.2							427
8 - 9		338			22		1	3.7				.3							352
9 - 10		252			13			2.3											258
10 - 11		122			6			3.1	2		1	2.3							129
11 - 12		85			4														85
AM TOTAL		5213		2	241		7	4.6	14		7	.4		1		5	5.1	11	5507
PM TOTAL		5213		2	241		7	4.6	14		7	.4		1		5	5.1	11	5507
DAY TOTAL		5213		2	241		7	4.6	14		7	.4		1		5	5.1	11	5507
																			5559

2-AXLE EQUIVALENT

DOT-RNB505A-B

STATE OF WASHINGTON - DEPARTMENT OF TRANSPORTATION
TRIP SYSTEM
HOURLY TRAFFIC CLASSIFICATION SUMMARY

DATE 01/15/09
TIME 06:59:26
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SR 501 MP 019.09 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC BOTH WAYS LANE ALL OF

COUNT IDENTIFIER HPMS COUNTER NUMBER 357061 DESCRIPTION: ON SR 501 E/O S 45TH AVE/N 45TH AVE ROUNDABOUT

08-26-08 TUESDAY AM HOURS	CARS PICKUPS	BUS MED	SINGLE UNITS HVY	4+	SINGLE UNIT %	DOUBLE UNITS 4-	5	6+	DOUBLE UNIT %	5-	TRAINS 6	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
12 - 1	61		3		6.2									6.2		65
1 - 2	27		3		10.0		2		6.9					6.9		29
2 - 3	27		1		3.2									10.0		30
3 - 4	30		1		4.1	1			4.1					3.2		31
4 - 5	67		3		4.6									8.1		74
5 - 6	207		9		4.9			2	.2					4.6		217
6 - 7	390		19	1	5.5	1		3	.9					5.1	1	412
7 - 8	544		27	4	7.6	1	1	3	1.1					6.3	3	584
8 - 9	431		34	1	8.6		3	2	1.1					8.6	2	474
9 - 10	418		35	2	9.6	1	4	1	.4					9.7	2	463
10 - 11	418		38	4	9.6	1	1		.2					10.1	2	467
11 - 12	489		20	2	4.6		1							4.8	3	517
PM HOURS																
12 - 1	543		38	2	7.1	1		1	.3			2	.3	7.8	2	591
1 - 2	541		40		7.2			2	.3					7.8		587
2 - 3	499		50		9.9	1	1	1	.4			2	.3	10.3	2	556
3 - 4	612		34		5.5	4		1	.9			1	.2	6.6	1	656
4 - 5	744		44		5.7	1	1	1	.4					6.0	2	794
5 - 6	830		29		3.5	1	1	1	.2			1	.1	3.8	2	864
6 - 7	693		21		2.9				.4		1			3.5	1	720
7 - 8	447		14		3.0	3								3.0	2	461
8 - 9	362		13		3.5									3.5	1	375
9 - 10	281		11		3.7				1.0					4.7	1	295
10 - 11	162		7		4.1		3							4.1	1	169
11 - 12	73				4.1		2		2.6					2.6	2	77
AM TOTAL	3109		192	15	6.5	4	12	8	.7			6	.1	7.2	12	3363
PM TOTAL	5787		301	2	5.1	14	6	5	.4			6	.1	5.7	10	6145
DAY TOTAL	8896		493	17	5.6	18	18	13	.5			6	.1	6.2	22	9508

2-AXLE EQUIVALENT 9619

SR 501 MP 019.09 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC BOTH WAYS LANE ALL OF
 COUNT IDENTIFIER HPMS COUNTER NUMBER 357061 DESCRIPTION: ON SR 501 E/O S 45TH AVE/N 45TH AVE ROUNDABOUT

08-27-08	WEDNESDAY	CARS PICKUPS	BUS	SINGLE MED	UNITS HVY	4+	SINGLE UNIT %	DOUBLE 4-	DOUBLE 5	DOUBLE 6+	DOUBLE UNIT %	5-	TRAIN 6	TRAIN 7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES	
1	1	52		3			5.5		2		6.7					5.5		55	
2	2	26		1			3.3				3.7					10.0		30	
3	3	29		2			6.5		1		4.4					6.5		31	
4	4	24		2			7.4		1		3.7					7.4		27	
5	5	63		2			2.9		1		4.4					11.1		68	
6	6	181		2			7.0		1		2.5					9.5		200	
7	7	348		14			6.6		1		.3					7.3		376	
8	8	648		20			6.7		1		.6					8.2		700	
9	9	528		25			4.8		1		.7					5.5		560	
10	10	472		29			7.4		1		.6					8.2		514	
11	11	465		27			6.7		4		1.6					8.3		507	
12	12	442		36			8.4		2		1.0					9.6		490	
PM HOURS																			
1	1	450		31			7.8		2		.8					9.1		497	
2	2	466		31			6.6		1		.2					7.2		503	
3	3	519		44			8.5		4		1.0					10.0		578	
4	4	597		39			6.6		3		.3					7.6		648	
5	5	629		37			5.8		2		.8					6.4		672	
6	6	738		35			4.7		1		.1					5.3		780	
7	7	640		25			3.6		2		.6					4.9		673	
8	8	505		22			4.1		1		.8					4.6		532	
9	9	394		11			2.7				.4					2.7		405	
10	10	256		11			4.1		1		.4					4.5		269	
11	11	146		3			2.0				.4					2.0		149	
12	12	81		1			1.2		1		1.2					2.4		84	
AM TOTAL		3278		203			6.6		11		1.0					7.7		3558	
PM TOTAL		5421		288			5.4		16		.5					6.2		5790	
DAY TOTAL		8699		491			5.9		27		.7					6.8		9348	
																	2-AXLE EQUIVALENT	18	9507

SR 501 MP 019.09 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC BOTH WAYS LANE ALL OF
COUNT IDENTIFIER HPMS COUNTER NUMBER 357061 DESCRIPTION: ON SR 501 E/O S 45TH AVE/N 45TH AVE ROUNDABOUT

08-29-08	CARS PICKUPS	BUS	SINGLE MED	HVY	4+	SINGLE UNIT %	DOUBLE 4-	DOUBLE 5	DOUBLE 6+	DOUBLE UNIT %	5-	TRAINS 6	TRAINS 7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
FRIDAY	51	3	2	2	3	5.3	1	1	1	3.5			2	5.0	8.8	1	57
AM HOURS	36	2	2	2	2	5.1				2.6			2	5.1	7.7		39
1 - 1	34		4			10.0							2	5.1	15.0		40
2 - 2	37												2	5.1	5.1		39
3 - 3	62												2	5.1	8.7		69
4 - 4	162		2			2.9	1	2	1	2.9			2	2.9	8.5		177
5 - 5	328		11			6.2	1	1	1	2.3			1	2.3	8.5		177
6 - 6		2	15			5.7		3		1.1			1	1.1	6.8		353
7 - 7																	
8 - 8																	
9 - 9																	
10 - 10																	
11 - 11																	
12 - 12																	
PM HOURS																	
1 - 1																	
2 - 2																	
3 - 3																	
4 - 4																	
5 - 5																	
6 - 6																	
7 - 7																	
8 - 8																	
9 - 9																	
10 - 10																	
11 - 11																	
AM TOTAL	710	2	37	3	3	5.4	5	4	4	1.7			6	.8	7.9		774
PM TOTAL	710	2	37	3	3	5.4	5	4	4	1.7			6	.8	7.9		774
DAY TOTAL	710	2	37	3	3	5.4	5	4	4	1.7			6	.8	7.9		774

08-25-08 THRU 08-29-08
AVERAGE WEEKDAY CLASSIFICATION VOLUMES *****
CARS PICKUPS | BUS MED HVY 4+ | SINGLE UNIT % | DOUBLE 4- | DOUBLE 5 | DOUBLE 6+ | DOUBLE UNIT % | 5- | TRAINS 6 | TRAINS 7+ | TRAIN % | TRUCK % | CLASS UNKNOWN | TOTAL VEHICLES
8718 | 10 | 491 | 23 | 12 | 5.7 | 29 | 26 | 9 | .7 | 2 | 20 | .2 | 6.6 | 23 | 9364
3 DAYS | 91 | FACTOR GROUP GR-02 | AWD 2-AXLE EQUIVALENT | 9526
AVG WEEKDAY VOL 9364 X SEASONAL ADJ. FACTOR 0.9000 = ESTIMATED AVG DAILY TRAFFIC 8428

PEAK HOUR PERCENTAGES: K = 9.23 D = 64.81 T = 3.82
PEAK HOUR LOCATION : VOLUME = 864 DATE: 08/26/08 TIME: 05:00 PM