



Washington State  
Department of Transportation

# Diamond Traffic Counter

**REDUNDANT**

RW - REWORKED (1 DAY NB  
3 DAYS SB)

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

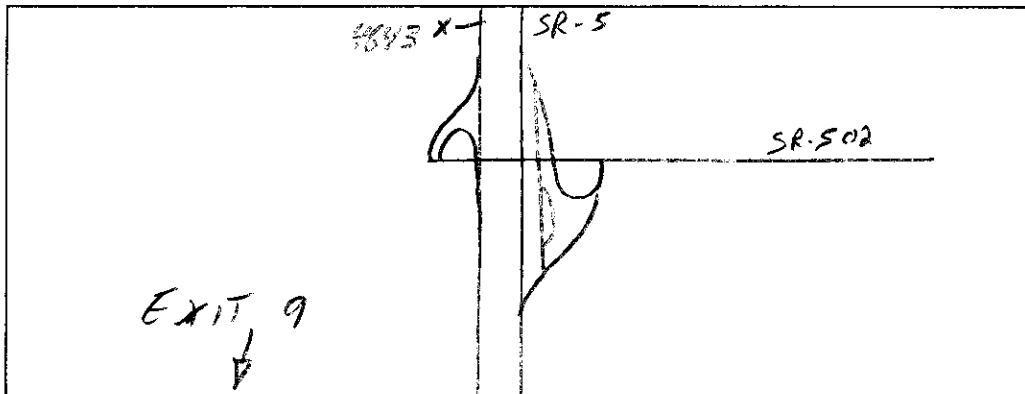
Direction Channel 1 \_\_\_\_\_  
 Direction Channel 2 \_\_\_\_\_  
 Data Hog # \_\_\_\_\_

Counter No. 034643 Count ID 10-002  
SP10-001  
 SR 005 RRT/RRQ MP 12.18  
 Leg 2 Direction SB OSID \_\_\_\_\_

Station Description \_ ON SR 5 N/O SR 502 I/C

Date	Day	Time	Comments
01/11/10	2	1251	Manual (1) 1 (2) _____ Counter (1) 1 (2) _____ SET CNTR OK DB/JDM 6.1
01/12	3	1116	Manual (1) 52 (2) _____ Counter (1) 50 (2) _____ CHECK CNTR OK SP=2 6.1
01/13	4	1115	Manual (1) 50 (2) _____ Counter (1) 50 (2) _____ CHECK CNTR OK 6.1
01/14	5	1004	Manual (1) 50 (2) _____ Counter (1) 49 (2) _____ CHECK CNTR OK SP=1 6.1
01/15	6	1010	Manual (1) 1 (2) _____ Counter (1) 1 (2) _____ P/U CNTR OK DB/JDM 6.1

Sketch



North

DB/JDM  
Field Person

*RU*

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

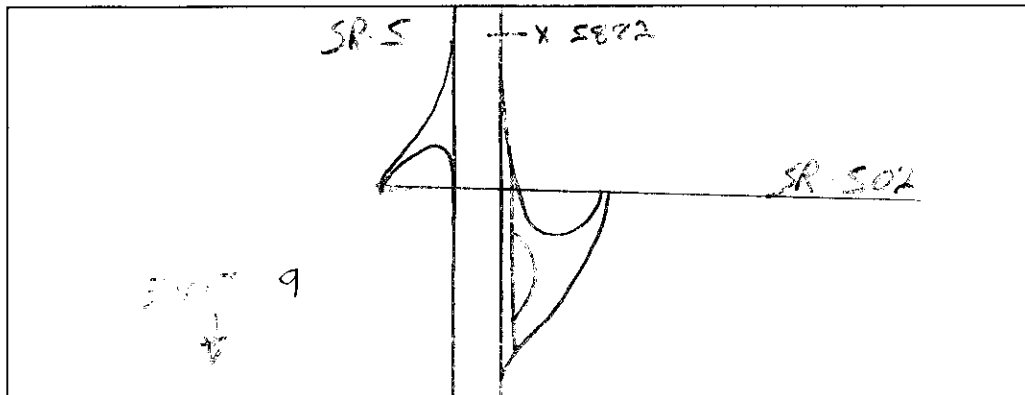
Direction Channel 1 \_\_\_\_\_  
Direction Channel 2 \_\_\_\_\_  
Data Hog # \_\_\_\_\_

Counter No. 035882 Count ID 10-002  
~~SP10-001~~  
SR 005 RRT/RRQ MP 12.18  
Leg 2 Direction NB OSID \_\_\_\_\_

Station Description \_ ON SR 5 N/O SR 502 I/C

Date	Day	Time	Comments
01/11/10	2	1236	Manual (1) 1 (2) _____ Counter (1) 1 (2) _____ SET CNTR OK DB/.DM 6.4
01/12	3	1109	Manual (1) 50 (2) _____ Counter (1) 50 (2) _____ CHECK CNTR OK 6.4
01/13	4	1106	Manual (1) 50 (2) _____ Counter (1) 50 (2) _____ CHECK CNTR OK 6.4
01/14	5	1300	Manual (1) 50 (2) _____ Counter (1) 50 (2) _____ CHECK CNTR OK TUBE UP FIXED @ 13C4 6.5
01/15	6	1002	Manual (1) 1 (2) _____ Counter (1) 1 (2) _____ P/U CNTR OK DB/JDM 6.4

Sketch



*DB / JDM*  
Field Person

SR 005 MP 012.18 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC SOUTHBOUND LANE ALL OF

COUNT IDENTIFIER 10-002 COUNTER NUMBER 034643 DESCRIPTION: ON SR 5 N/O SR 502 I/C

COUNT	01/11/10 MONDAY												DAILY TOTAL
	AM HOURS						PM HOURS						
	1	2	3	4	5	6	7	8	9	10	11	12	
00-15	12	1	2	3	4	5	6	7	8	9	10	11	164
15-30	1	2	3	4	5	6	7	8	9	10	11	12	161
30-45													135
45-00													126
HOUR													
TOT	2739	2845	2931	2829	2697	1775	1179	1018	936	723	586		20258

AM PEAK HOUR 0000 TO 0000 VOLUME 0  
 PM PEAK HOUR 0315 TO 0415 VOLUME 2961  
 AM TOTAL 20258  
 PM TOTAL 0

COUNT	01/12/10 TUESDAY												DAILY TOTAL
	AM HOURS						PM HOURS						
	1	2	3	4	5	6	7	8	9	10	11	12	
00-15	12	1	2	3	4	5	6	7	8	9	10	11	185
15-30	1	2	3	4	5	6	7	8	9	10	11	12	140
30-45													125
45-00													151
HOUR													
TOT	504	447	446	548	808	1562	2462	2984	2731	2451	2380	2608	601

AM PEAK HOUR 0715 TO 0815 VOLUME 2988  
 PM PEAK HOUR 0415 TO 0515 VOLUME 2864  
 AM TOTAL 19931  
 PM TOTAL 22858

COUNT	01/13/10 WEDNESDAY												DAILY TOTAL
	AM HOURS						PM HOURS						
	1	2	3	4	5	6	7	8	9	10	11	12	
00-15	12	1	2	3	4	5	6	7	8	9	10	11	199
15-30	1	2	3	4	5	6	7	8	9	10	11	12	154
30-45													205
45-00													152
HOUR													
TOT	571	484	407	544	859	1494	2476	3049	2796	2512	2460	2639	831

AM PEAK HOUR 0700 TO 0800 VOLUME 3049  
 PM PEAK HOUR 0315 TO 0415 VOLUME 3100  
 AM TOTAL 20291  
 PM TOTAL 24045

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

SR 005 MP 012.18 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC SOUTHBOUND LANE ALL OF

COUNT IDENTIFIER 10-002 COUNTER NUMBER 034643 DESCRIPTION: ON SR 5 N/O SR 502 I/C

01/14/10 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	14748																								
163	123	138	121	210	282	498	679	766	664	570	691	709	724	801	763	765	799	589	360	292	283	203	171	156	147	117	174	242	351	674	792	673	720	722	726	684	698	753	747	756	780	503	390	500	268	222	156		
15-30	161	147	117	174	242	351	674	792	673	720	722	726	684	698	753	747	756	780	503	390	500	268	222	156	147	117	174	242	351	674	792	673	720	722	726	684	698	753	747	756	780	503	390	500	268	222	156		
30-45	108	146	107	137	236	479	658	809	757	682	654	778	839	742	677	470	399	295	281	234	178	145	99	136	188	237	465	672	737	658	582	665	780	697	663	799	808	815	643	413	323	257	223	193	128				
45-00	145	99	136	188	237	465	672	737	658	582	665	780	697	663	799	808	815	643	413	323	257	223	193	128	577	515	498	620	925	1577	2502	3017	2854	2648	2611	2950	2777	2828	3131	3157	3078	2899	1975	1472	1144	1055	852	633	46295
TOT	577	515	498	620	925	1577	2502	3017	2854	2648	2611	2950	2777	2828	3131	3157	3078	2899	1975	1472	1144	1055	852	633	46295	AM PEAK HOUR 0715 TO 0815 VOLUME 3104	PM PEAK HOUR 0330 TO 0430 VOLUME 3168	AM TOTAL 21294	PM TOTAL 25001																				

01/15/10 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	14748																												
154	147	81	193	151	268	470	649	652	562	158	151	99	147	218	339	625	647	697	639	122	134	149	156	194	448	677	784	661	105	95	151	171	252	441	578	671	595	621	539	527	480	667	815	1496	2350	2751	2640	2483	AM PEAK HOUR 0730 TO 0830 VOLUME 2804	PM PEAK HOUR 0000 TO 0000 VOLUME 0	AM TOTAL 14748	PM TOTAL 0	
TOT	539	527	480	667	815	1496	2350	2751	2640	2483	AM PEAK HOUR 0730 TO 0830 VOLUME 2804	PM PEAK HOUR 0000 TO 0000 VOLUME 0	AM TOTAL 14748	PM TOTAL 0																																							

01/11/10 THRU 01/15/10  
TOTAL HOURS FOR COUNT 93

3 DAYS  
AVG WEEKDAY VOL 44473 X SEASONAL ADJ. FACTOR 1.0800 = 48031 X AXLE CORR FACTOR 0.8331 = ESTIMATED AVG DAILY TRAFFIC 40015

FACTOR GROUP R045

FACTOR GROUP CB-44

TRIP SUMMARY  
15 MINUTE TRAFFIC COUNT SUMMARY

SR 005 MP 012.18 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC NORTHBOUND LANE ALL OF

COUNT IDENTIFIER	COUNTER NUMBER	035882	DESCRIPTION: ON SR 5 N/O SR 502 I/C
01/11/10 MONDAY			
12	1	2	3
1	2	3	4
	3	4	5
	4	5	6
	5	6	7
	6	7	8
	7	8	9
	8	9	10
	9	10	11
	10	11	12
	11	12	1
	12	1	2
	1	2	3
	2	3	4
	3	4	5
	4	5	6
	5	6	7
	6	7	8
	7	8	9
	8	9	10
	9	10	11
	10	11	12
	11	12	TOTAL
AM HOURS			
PM HOURS			
TOT	623	2355	2584
			2742
			3028
			2765
			1943
			1700
			1363
			1173
			839
			570
			21685
			0
			3122
			0
			21685

COUNT IDENTIFIER	COUNTER NUMBER	035882	DESCRIPTION: ON SR 5 N/O SR 502 I/C
01/12/10 TUESDAY			
12	1	2	3
1	2	3	4
	3	4	5
	4	5	6
	5	6	7
	6	7	8
	7	8	9
	8	9	10
	9	10	11
	10	11	12
	11	12	1
	12	1	2
	1	2	3
	2	3	4
	3	4	5
	4	5	6
	5	6	7
	6	7	8
	7	8	9
	8	9	10
	9	10	11
	10	11	12
	11	12	TOTAL
AM HOURS			
PM HOURS			
TOT	465	374	433
			506
			657
			1196
			1979
			2366
			2197
			2102
			2184
			2292
			2268
			2420
			2567
			3015
			3181
			3031
			2213
			1740
			1465
			1378
			941
			628
			41598
			2378
			3272
			0
			16751
			24847

COUNT IDENTIFIER	COUNTER NUMBER	035882	DESCRIPTION: ON SR 5 N/O SR 502 I/C
01/13/10 WEDNESDAY			
12	1	2	3
1	2	3	4
	3	4	5
	4	5	6
	5	6	7
	6	7	8
	7	8	9
	8	9	10
	9	10	11
	10	11	12
	11	12	1
	12	1	2
	1	2	3
	2	3	4
	3	4	5
	4	5	6
	5	6	7
	6	7	8
	7	8	9
	8	9	10
	9	10	11
	10	11	12
	11	12	TOTAL
AM HOURS			
PM HOURS			
TOT	488	462	425
			569
			746
			1103
			2051
			2490
			2318
			2230
			2247
			1104
			38
			93
			1512
			731
			6
			1
			18614
			2529
			1970
			16233
			2581

TUBE UP

SR 005 MP 012.18 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC NORTHBOUND LANE ALL OF

COUNT IDENTIFIER 10-002 COUNTER NUMBER 035882 DESCRIPTION: ON SR 5 N/O SR 502 I/C

01/14/10 THURSDAY		AM HOURS												PM HOURS												DAILY TOTAL
COUNT	IDENTIFIER	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	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	26580
1	2	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	26580
		582	780	811	985	889	761	506	449	411	304	220	764	791	828	859	924	718	548	485	460	292	211			
		765	806	828	906	829	665	483	394	467	313	150	748	813	874	897	858	546	465	441	352	217	185			
TOT		2859	3190	3341	3647	3500	2690	2002	1769	1690	1126	766	2859	3190	3341	3647	3500	2690	2002	1769	1690	1126	766	26580		

TUBE UP

01/15/10 FRIDAY		AM HOURS												PM HOURS												DAILY TOTAL			
COUNT	IDENTIFIER	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	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	14443			
1	2	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	14443			
		152	147	146	178	194	251	424	557	637	658	149	149	117	176	169	510	659	617	680	144	141	181	176	243	312	578	686	
		134	200	194	214	236	364	569	610	669	652	579	637	638	744	842	1252	2064	2510	2501	2676								
TOT		579	637	638	744	842	1252	2064	2510	2501	2676	579	637	638	744	842	1252	2064	2510	2501	2676	14443							

01/11/10 THRU 01/15/10  
TOTAL HOURS FOR COUNT 74

7 DAYS  
 4/598 FACTOR GROUP R045  
 39466 X SEASONAL ADJ. FACTOR 1.0800 = 42623 X AXLE CORR FACTOR 0.8331 = ESTIMATED AVG DAILY TRAFFIC 35509

37438

SR 005 MP 012.18 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC BOTH WAYS LANE ALL OF

COUNT IDENTIFIER 10-002 COUNTER NUMBER 035882 DESCRIPTION: ON SR 5 N/O SR 502 I/C

01/11/10 MONDAY		AM HOURS												PM HOURS												DAILY TOTAL	
COUNT	IDENTIFIER	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	TOTAL
12	1	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1233	320
1	2	1	2	3	4	5	6	7	8	9	10	11	12	2	3	4	5	6	7	8	9	10	11	12	1221	314	
																										1301	260
																										1339	262
																										5094	41320
																											0

AM PEAK HOUR 0000 TO 0000 VOLUME 0  
 PM PEAK HOUR 0430 TO 0530 VOLUME 5983

01/12/10 TUESDAY		AM HOURS												PM HOURS												DAILY TOTAL	
COUNT	IDENTIFIER	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	TOTAL
12	1	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	240	355
1	2	1	2	3	4	5	6	7	8	9	10	11	12	2	3	4	5	6	7	8	9	10	11	12	193	339	
																										211	276
																										248	259
																										969	84387

AM PEAK HOUR 0715 TO 0815 VOLUME 5366  
 PM PEAK HOUR 0415 TO 0515 VOLUME 6128

01/13/10 WEDNESDAY		AM HOURS												PM HOURS												DAILY TOTAL	
COUNT	IDENTIFIER	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	TOTAL
12	1	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	311	719
1	2	1	2	3	4	5	6	7	8	9	10	11	12	2	3	4	5	6	7	8	9	10	11	12	252	751	
																										227	713
																										269	577
																										1059	55989

AM PEAK HOUR 0715 TO 0815 VOLUME 5571  
 PM PEAK HOUR 0230 TO 0330 VOLUME 4776

*TUBE UP NB*

AM TOTAL 36524  
 PM TOTAL 19465

SR 005 MP 012.18 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC BOTH WAYS LANE ALL OF  
COUNT IDENTIFIER 10-002 COUNTER NUMBER 035882 DESCRIPTION: ON SR 5 N/O SR 502 I/C

01/14/10 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	48804									
TOT	5687												6321												6498	6725	6399	4665	3474	2913	2745	1978	1399	48804

*TAKE UP NB*

AM PEAK HOUR 0000 TO 0000 VOLUME 0  
PM PEAK HOUR 0430 TO 0530 VOLUME 6752  
AM TOTAL 48804  
PM TOTAL 0

01/15/10 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	29191							
TOT	1118												1118												1411	1657	2748	4414	5261	5141	5159	29191

AM PEAK HOUR 0730 TO 0830 VOLUME 5352  
PM PEAK HOUR 0000 TO 0000 VOLUME 0

AM TOTAL 29191  
PM TOTAL 0

01/11/10 THRU 01/15/10 74  
 TOTAL HOURS FOR COUNT  
 1 DAY NB 86071  
 32 DAYS SB 86071  
 AVG WEEKDAY VOL 82516 X SEASONAL ADJ. FACTOR 1.0800 = 89117 X AXLE CORR FACTOR 0.8331 = ESTIMATED AVG DAILY TRAFFIC 74243  
 PEAK HOUR PERCENTAGES: K = 8.18 D = 53.55  
 PEAK HOUR LOCATION : VOLUME = 6752 DATE: 01/14/10 TIME: 04:30 PM

*NOTE: ONE DAY NB*

*98957*

*77442*