



# Diamond Traffic Counter

**SAME AS: 005 LX 01417  
MP 0.00 LEG (-)**

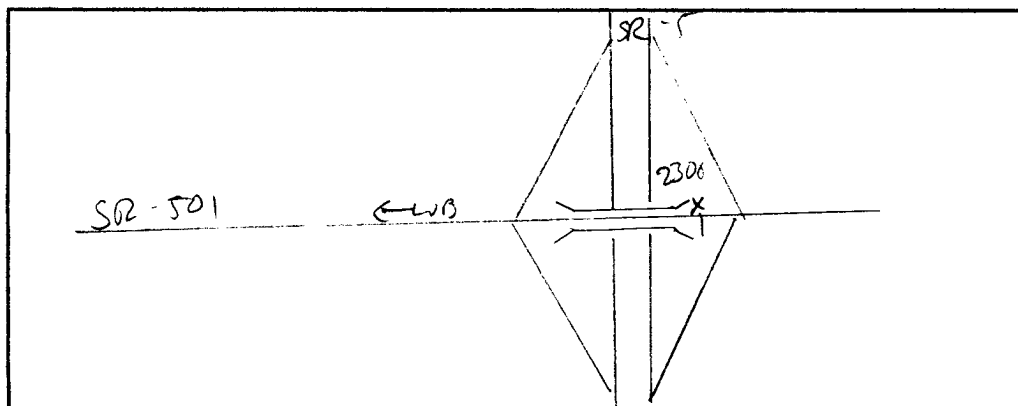
Interval <input type="checkbox"/> 60 min.	<input checked="" type="checkbox"/> 15 min.
<input type="checkbox"/> Binned(CL/SP)	<input checked="" type="checkbox"/> Count(volume)
Lane No <input type="checkbox"/> 1 <input type="checkbox"/> 2	
Direction Channel 1 _____	
Direction Channel 2 _____	
Unique ID# _____	

Counter No. <u>292308</u>	Count ID <u>ATR</u>
SR <u>501 RRT/RRQ</u>	MP <u>19.88</u>
Leg <u>&lt;-&gt;</u>	Direction <u>WB</u> OSID _____

Station Description \_ ON SR 501 at SR 5 bridge

Date	Day	Time	Comments
7/16/18 <del>7/17/18</del>	2	11:16	Manual (1) 10 (2) _____ Counter (1) 10 (2) _____ Set up ok JDM 6.5v <i>NEW HOUSING DEVELOPMENT IN THE AREA.</i>
7/17/18 <del>7/18/18</del>	3	12:30	Manual (1) 50 (2) _____ Counter (1) 49 (2) _____ Check ok JDM 6.8 sp=1
7/18/18 <del>7/19/18</del>	4	10:56	Manual (1) 23 (2) _____ Counter (1) 23 (2) _____ Check ok JDM 7.1v
7/20/18 7/19/18	5	09:38	Manual (1) 27 (2) _____ Counter (1) 27 (2) _____ Check ok JDM 6.5v
7/21/18 7/20/18	6	08:19	Manual (1) 1 (2) _____ Counter (1) 1 (2) _____ P/U ok JDM 6.4v

Sketch



*J. Myrtle*  
Field Person



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

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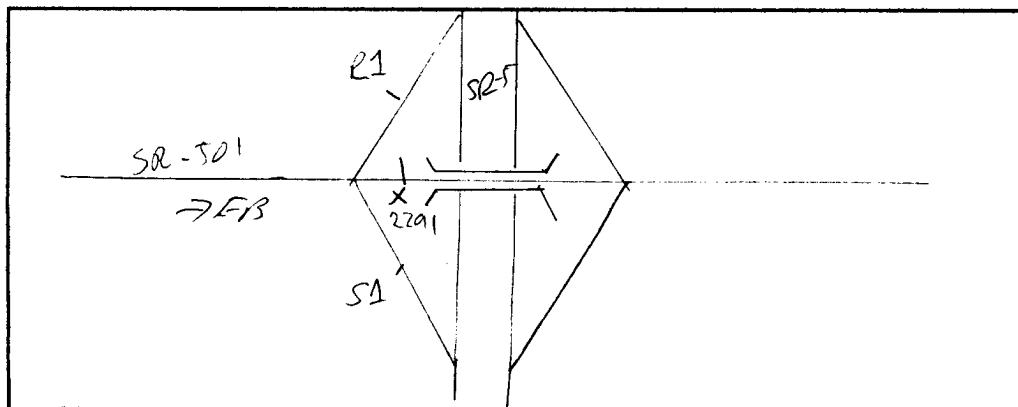
Direction Channel 1 \_\_\_\_\_  
Direction Channel 2 \_\_\_\_\_  
Unique ID# \_\_\_\_\_

Counter No. 292291 Count ID ATR  
SR 501 RRT/RRQ \_\_\_\_\_ MP 19.88  
Leg <-> Direction EB OSID \_\_\_\_\_

Station Description \_ ON SR 501 at SR 5 bridge

Date	Day	Time	Comments			
7/16/18 717118	2	11:07	Manual (1) 10 (2) _____ Counter (1) 10 (2)	Set up ok	JDM	6.6v
7/17/18 718118	3	12:34	Manual (1) 17 (2) _____ Counter (1) 17 (2)	Check ok	JDM	7.2v
7/18/18 719118	4	10:50	Manual (1) 21 (2) _____ Counter (1) 21 (2)	Check ok	JDM	6.5-
7/20/18 7/19/18	5	09:30	Manual (1) 14 (2) _____ Counter (1) 14 (2)	Check ok	JDM	6.8v
7/21/18 7/20/18	6	08:23	Manual (1) 1 (2) _____ Counter (1) 1 (2)	P/U ok	JDM	6.7v

Sketch



*J. Mylar*  
Field Person

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

SR 501	MP 019.88	OFF SYSTEM ID.	LEG	DIRECTION OF TRAFFIC WESTBOUND												LANE ALL OF											
COUNT IDENTIFIER	ATR	COUNTER NUMBER	292308	DESCRIPTION: ON SR 501 AT SR 5 BRIDGE																							
07/16/18 MONDAY												PM HOURS												DAILY			
AM HOURS																								TOTAL			
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	TOTAL		
00-15													174	158	182	214	231	218	180	121	92	77	53	27			
15-30													204	176	200	203	204	218	188	132	89	95	58	26			
30-45													177	181	162	207	205	207	197	134	103	99	81	44	26		
45-00													159	181	174	195	278	232	210	132	122	96	78	40	29		
HOUR																											
TOT													336	740	670	784	900	874	843	634	478	376	331	195	108	7269	

AM PEAK HOUR 0000 TO 0000 VOLUME 0 AM TOTAL 336  
PM PEAK HOUR 0345 TO 0445 VOLUME 920 PM TOTAL 6933

07/17/18 TUESDAY												PM HOURS												DAILY		
AM HOURS																								TOTAL		
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	TOTAL	
00-15	18	7	16	12	31	46	59	135	132	122	150	124	180	158	183	204	228	213	172	129	101	96	69	36		
15-30	26	17	23	8	45	43	87	112	129	135	131	160	205	178	158	192	242	262	187	130	107	78	52	29		
30-45	19	13	8	11	62	71	113	150	147	122	163	141	158	167	198	207	239	227	182	126	97	91	39	25		
45-00	21	9	6	20	80	119	154	155	152	138	146	175	153	169	207	215	213	219	142	104	103	66	25	25		
HOUR																										
TOT	84	46	53	51	218	279	413	552	560	517	590	600	696	672	746	818	922	921	683	489	408	331	185	115	10949	

AM PEAK HOUR 1100 TO 1200 VOLUME 600 AM TOTAL 3963  
PM PEAK HOUR 0430 TO 0530 VOLUME 927 PM TOTAL 6986

07/18/18 WEDNESDAY												PM HOURS												DAILY		
AM HOURS																								TOTAL		
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	TOTAL	
00-15	19	7	4	4	25	30	71	109	140	111	139	130	176	182	151	165	223	242	178	130	111	80	68	45		
15-30	29	11	8	6	38	41	97	130	146	137	141	154	159	151	158	193	211	234	190	150	103	84	57	31		
30-45	10	17	7	7	56	78	121	141	127	128	128	158	167	186	206	213	209	217	169	136	97	75	45	26		
45-00	12	18	13	18	90	98	142	151	126	164	143	174	150	173	196	209	206	213	142	113	92	67	41	26		
HOUR																										
TOT	70	53	32	35	209	247	431	531	539	540	551	616	652	692	711	780	849	906	679	529	403	306	211	128	10700	

AM PEAK HOUR 1100 TO 1200 VOLUME 616 AM TOTAL 3854  
PM PEAK HOUR 0500 TO 0600 VOLUME 906 PM TOTAL 6846

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

SR 501	MP 019.88	OFF SYSTEM ID.	LEG	DIRECTION OF TRAFFIC WESTBOUND												LANE ALL OF											
COUNT IDENTIFIER	ATR	COUNTER NUMBER	292308	DESCRIPTION: ON SR 501 AT SR 5 BRIDGE																							
07/19/18 THURSDAY												PM HOURS												DAILY			
AM HOURS																								TOTAL			
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				
00-15	25	14	8	9	18	33	53	106	135	137	114	157	172	177	199	184	226	232	180	129	108	88	74	34			
15-30	19	15	11	13	29	42	71	112	135	166	153	144	176	167	188	185	206	208	216	145	136	97	67	35			
30-45	23	20	6	12	67	73	115	132	125	129	131	141	174	196	176	177	183	195	163	124	111	79	39	29			
45-00	11	16	13	24	76	99	156	124	137	130	144	158	167	191	168	212	214	184	161	130	86	80	44	25			
HOUR	-----																										
TOT	78	65	38	58	190	247	395	474	532	562	542	600	689	731	731	758	829	819	720	528	441	344	224	123	10718		

AM PEAK HOUR 1100 TO 1200 VOLUME 600 AM TOTAL 3781  
PM PEAK HOUR 0445 TO 0545 VOLUME 849 PM TOTAL 6937

07/20/18 FRIDAY												PM HOURS												DAILY	
AM HOURS																								TOTAL	
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		
00-15	17	22	16	8	27	32	68	110	118																
15-30	28	16	9	18	44	45	67	122																	
30-45	18	10	5	10	66	50	98	105																	
45-00	24	16	9	25	79	75	156	125																	
HOUR	-----																								
TOT	87	64	39	61	216	202	389	462	118															1638	

AM PEAK HOUR 0645 TO 0745 VOLUME 493 AM TOTAL 1638  
PM PEAK HOUR 0000 TO 0000 VOLUME 0 PM TOTAL 0

07/16/18 THRU 07/20/18  
TOTAL HOURS FOR COUNT 92

3 DAYS FACTOR GROUP GR-02 FACTOR GROUP GR-B2  
AVG WEEKDAY VOL 10789 X SEASONAL ADJ. FACTOR 0.9300 = 10034 X AXLE CORR FACTOR 0.9807 = ESTIMATED AVG DAILY TRAFFIC 9840

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

SR 501	MP 019.88	OFF SYSTEM ID.	LEG	DIRECTION OF TRAFFIC EASTBOUND												LANE ALL OF											
COUNT IDENTIFIER	ATR	COUNTER NUMBER	292291	DESCRIPTION: ON SR 501 AT SR 5 BRIDGE																							
07/16/18 MONDAY												07/16/18 MONDAY												DAILY			
AM HOURS												PM HOURS												TOTAL			
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	TOTAL		
00-15													86	74	79	91	89	102	43	44	31	24	25	9			
15-30												61	82	60	66	71	103	78	57	33	29	26	21	12			
30-45												77	64	93	76	89	102	56	55	42	32	26	14	10			
45-00												66	93	84	69	108	87	56	49	40	42	22	10	11			
HOUR																											
TOT												204	325	311	290	359	381	292	204	159	134	98	70	42	2869		

AM PEAK HOUR 0000 TO 0000 VOLUME 0 AM TOTAL 204  
PM PEAK HOUR 0345 TO 0445 VOLUME 402 PM TOTAL 2665

07/17/18 TUESDAY												07/17/18 TUESDAY												DAILY	
AM HOURS												PM HOURS												TOTAL	
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	TOTAL
00-15	4	4	6	9	3	30	21	33	46	52	43	66	74	95	82	98	120	108	62	36	34	38	15	15	
15-30	5	7	8	9	16	21	23	40	46	52	64	69	100	90	82	81	71	77	61	42	33	28	22	8	
30-45	6	11	6	15	25	41	43	56	50	56	62	58	90	90	76	92	105	84	55	34	28	31	14	10	
45-00	5	5	15	13	21	41	40	72	49	67	87	63	89	84	74	105	104	58	38	27	25	22	15	7	
HOUR																									
TOT	20	27	35	46	65	133	127	201	191	227	256	256	353	359	314	376	400	327	216	139	120	119	66	40	4413

AM PEAK HOUR 1030 TO 1130 VOLUME 284 AM TOTAL 1584  
PM PEAK HOUR 0345 TO 0445 VOLUME 401 PM TOTAL 2829

07/18/18 WEDNESDAY												07/18/18 WEDNESDAY												DAILY	
AM HOURS												PM HOURS												TOTAL	
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	TOTAL
00-15	7	2	8	10	6	25	22	33	55	42	64	96	51	68	78	108	109	64	51	37	33	18	15		
15-30	5	6	3	6	16	27	29	47	51	58	72	64	72	65	72	72	89	71	55	36	28	29	18	9	
30-45	5	6	3	9	19	30	54	59	64	64	61	69	74	78	70	114	112	80	39	39	21	26	14	15	
45-00	7	5	19	10	23	29	43	76	68	67	68	78	84	64	88	95	80	60	42	34	37	14	14		
HOUR																									
TOT	24	19	33	35	64	111	148	215	238	231	265	307	312	258	298	359	389	320	200	160	123	102	64	53	4328

AM PEAK HOUR 1100 TO 1200 VOLUME 307 AM TOTAL 1690  
PM PEAK HOUR 0330 TO 0430 VOLUME 406 PM TOTAL 2638

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

SR 501	MP 019.88	OFF SYSTEM ID.	LEG	DIRECTION OF TRAFFIC EASTBOUND																LANE ALL OF								
COUNT IDENTIFIER	ATR	COUNTER NUMBER	292291	DESCRIPTION: ON SR 501 AT SR 5 BRIDGE																								
07/19/18 THURSDAY			AM HOURS											PM HOURS											DAILY			
			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	TOTAL
00-15	3	9	8	9	5	24	20	54	52	55	63	60	91	88	83	80	91	113	77	30	34	27	11	13				
15-30	3	12	3	6	23	27	31	44	48	63	60	63	74	72	75	80	109	89	66	37	28	24	31	10				
30-45	4	5	3	11	11	33	36	57	59	50	63	62	94	80	66	89	99	76	61	37	31	34	14	4				
45-00	3	4	18	9	18	24	44	63	62	57	71	60	92	76	75	71	68	83	37	31	23	16	12	11				
HOUR	-----																											
TOT	13	30	32	35	57	108	131	218	221	225	257	245	351	316	299	320	367	361	241	135	116	101	68	38	4285			

AM PEAK HOUR 1000 TO 1100 VOLUME 257 AM TOTAL 1572  
PM PEAK HOUR 0415 TO 0515 VOLUME 389 PM TOTAL 2713

07/20/18 FRIDAY			AM HOURS											PM HOURS											DAILY			
			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	TOTAL
00-15	12	7	10	4	9	15	28	38	62																			
15-30	8	12	2	9	20	20	28	49																				
30-45	5	6		14	9	35	40	65																				
45-00	4	5	18	10	16	26	38	63																				
HOUR	-----																											
TOT	29	30	30	37	54	96	134	215	62																	687		

AM PEAK HOUR 0715 TO 0815 VOLUME 239 AM TOTAL 687  
PM PEAK HOUR 0000 TO 0000 VOLUME 0 PM TOTAL 0

07/16/18 THRU 07/20/18  
TOTAL HOURS FOR COUNT 92

3 DAYS FACTOR GROUP GR-02 FACTOR GROUP GR-B2  
AVG WEEKDAY VOL 4342 X SEASONAL ADJ. FACTOR 0.9300 = 4038 X AXLE CORR FACTOR 0.9807 = ESTIMATED AVG DAILY TRAFFIC 3960

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

SR 501	MP 019.88	OFF SYSTEM ID.	LEG	DIRECTION OF TRAFFIC BOTH WAYS																LANE ALL OF								
COUNT IDENTIFIER	ATR	COUNTER NUMBER	292291	DESCRIPTION: ON SR 501 AT SR 5 BRIDGE																								
07/16/18 MONDAY			AM HOURS												PM HOURS												DAILY	
			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	TOTAL
00-15															260	232	261	305	320	320	223	165	123	101	78	36		
15-30															286	236	266	274	307	296	245	165	118	121	79	38		
30-45															254	245	255	283	294	309	253	189	145	131	107	58	36	
45-00															225	274	258	264	386	319	266	181	162	138	100	50	40	
HOUR																												
TOT															479	1065	981	1074	1259	1255	1135	838	637	510	429	265	150	10077

AM PEAK HOUR 0000 TO 0000 VOLUME 0 AM TOTAL 479  
PM PEAK HOUR 0345 TO 0445 VOLUME 1322 PM TOTAL 9598

07/17/18 TUESDAY			AM HOURS												PM HOURS												DAILY	
			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	TOTAL
00-15			22	11	22	21	34	76	80	168	178	174	193	190	254	253	265	302	348	321	234	165	135	134	84	51		
15-30			31	24	31	17	61	64	110	152	175	187	195	229	305	268	240	273	313	339	248	172	140	106	74	37		
30-45			25	24	14	26	87	112	156	206	197	178	225	199	248	257	274	299	344	311	237	160	125	122	53	35		
45-00			26	14	21	33	101	160	194	227	201	205	233	238	242	253	281	320	317	277	180	131	128	88	40	32		
HOUR																												
TOT			104	73	88	97	283	412	540	753	751	744	846	856	1049	1031	1060	1194	1322	1248	899	628	528	450	251	155	15362	

AM PEAK HOUR 1030 TO 1130 VOLUME 877 AM TOTAL 5547  
PM PEAK HOUR 0345 TO 0445 VOLUME 1325 PM TOTAL 9815

07/18/18 WEDNESDAY			AM HOURS												PM HOURS												DAILY	
			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	TOTAL
00-15			26	9	12	14	31	55	93	142	195	153	203	226	258	233	219	243	331	351	242	181	148	113	86	60		
15-30			34	17	11	12	54	68	126	177	197	195	213	218	231	216	230	265	300	305	245	186	131	113	75	40		
30-45			15	23	10	16	75	108	175	200	191	192	189	227	241	264	276	327	321	297	208	175	118	101	59	41		
45-00			19	23	32	28	113	127	185	227	194	231	211	252	234	237	284	304	286	273	184	147	129	81	55	40		
HOUR																												
TOT			94	72	65	70	273	358	579	746	777	771	816	923	964	950	1009	1139	1238	1226	879	689	526	408	275	181	15028	

AM PEAK HOUR 1100 TO 1200 VOLUME 923 AM TOTAL 5544  
PM PEAK HOUR 0430 TO 0530 VOLUME 1263 PM TOTAL 9484

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

SR 501	MP 019.88	OFF SYSTEM ID.	LEG	DIRECTION OF TRAFFIC BOTH WAYS																LANE ALL	OF							
COUNT IDENTIFIER	ATR	COUNTER NUMBER	292291	DESCRIPTION: ON SR 501 AT SR 5 BRIDGE																								
07/19/18 THURSDAY		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	12	DAILY	TOTAL
00-15	28	23	16	18	23	57	73	160	187	192	177	217	263	265	282	264	317	345	257	159	142	115	85	47				
15-30	22	27	14	19	52	69	102	156	183	229	213	207	250	239	263	265	315	297	282	182	164	121	98	45				
30-45	27	25	9	23	78	106	151	189	184	179	194	203	268	276	242	266	282	271	224	161	142	113	53	33				
45-00	14	20	31	33	94	123	200	187	199	187	215	218	259	267	243	283	282	267	198	161	109	96	56	36				
HOUR	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
TOT	91	95	70	93	247	355	526	692	753	787	799	845	1040	1047	1030	1078	1196	1180	961	663	557	445	292	161	15003			

AM PEAK HOUR 1100 TO 1200 VOLUME 845 AM TOTAL 5353  
PM PEAK HOUR 0415 TO 0515 VOLUME 1224 PM TOTAL 9650

07/20/18 FRIDAY		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	12	DAILY	TOTAL
00-15	29	29	26	12	36	47	96	148	180																			
15-30	36	28	11	27	64	65	95	171																				
30-45	23	16	5	24	75	85	138	170																				
45-00	28	21	27	35	95	101	194	188																				
HOUR	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
TOT	116	94	69	98	270	298	523	677	180																	2325		

AM PEAK HOUR 0715 TO 0815 VOLUME 709 AM TOTAL 2325  
PM PEAK HOUR 0000 TO 0000 VOLUME 0 PM TOTAL 0

07/16/18 THRU 07/20/18  
TOTAL HOURS FOR COUNT 92

3 DAYS FACTOR GROUP GR-02 FACTOR GROUP GR-B2  
AVG WEEKDAY VOL 15131 X SEASONAL ADJ. FACTOR 0.9300 = 14072 X AXLE CORR FACTOR 0.9807 = ESTIMATED AVG DAILY TRAFFIC 13800

PEAK HOUR PERCENTAGES: K = 8.76 D = 69.74  
PEAK HOUR LOCATION : VOLUME = 1325 DATE: 07/17/18 TIME: 03:45 PM

NOTE: COUNT VALID