



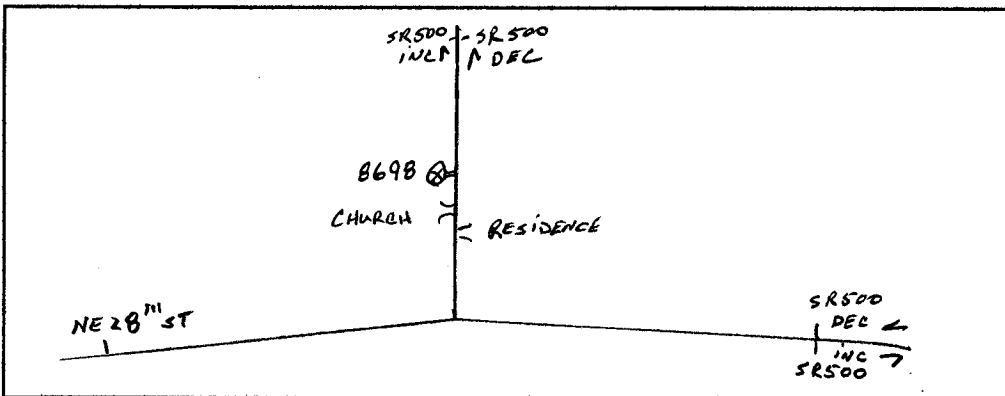
Interval  60 min.  15 min.  
 Binned(CL/SP)  Count(volume)  
 Lane No  1  2  
 Direction Channel 1 \_\_\_\_\_  
 Direction Channel 2 \_\_\_\_\_  
 Data Hog # 7060

Counter No. 168698 Count ID HPMS  
 SR 500 RRT/RRQ \_\_\_\_\_ MP 13.84  
 Leg 1 Direction SB OSID \_\_\_\_\_

Station Description \_ ON SR 500 N/O NE 28th St

Date	Day	Time	Comments
4/14/08	2	11:31	<del>Manual (1) 2 (2)</del> <del>Counter (1) 2 (2)</del> set cntr ok bj 6.4
4/15	3	09:53	<del>Manual (1) 5 (2)</del> <del>Counter (1) 5 (2)</del> chk cntr ok bj 6.5
4/16	4	12:41	<del>Manual (1) 3 (2)</del> <del>Counter (1) 3 (2)</del> chk cntr ok bj 6.7
4/17	5	08:22	<del>Manual (1) 9 (2)</del> <del>Counter (1) 9 (2)</del> chk cntr ok bj 6.4
4/18	6	0806	<del>Manual (1) 1 (2)</del> <del>Counter (1) 1 (2)</del> P.U. cntr ok bj 6.4

Sketch



North

B. JOHNSON  
Field Person



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

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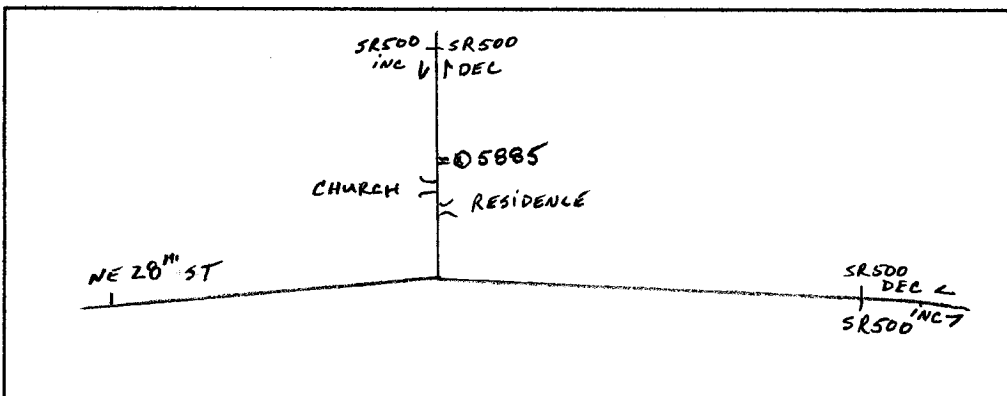
Direction Channel 1 \_\_\_\_\_  
Direction Channel 2 \_\_\_\_\_  
Data Hog # 7060

Counter No. 165885 Count ID HPMS  
SR 500 RRT/RRQ \_\_\_\_\_ MP 13.84  
Leg 1 Direction NB OSID \_\_\_\_\_

Station Description \_ ON SR 500 N/O NE 28th St

Date	Day	Time	Comments
4/14/08	2	11:41	Manual (1) <u>2</u> (2) _____ Counter (1) <u>2</u> (2) _____ set cntr ok bj 6.3
4/15	3	09:59	Manual (1) <u>6</u> (2) _____ Counter (1) <u>6</u> (2) _____ chk cntr ok bj 6.6
4/16	4	12:42	Manual (1) <u>2</u> (2) _____ Counter (1) <u>2</u> (2) _____ chk cntr ok bj 6.7
4/17	5	08:28	Manual (1) <u>4</u> (2) _____ Counter (1) <u>4</u> (2) _____ chk cntr ok bj 6.4
4/18	6	0808	Manual (1) <u>1</u> (2) _____ Counter (1) <u>1</u> (2) _____ P.U. cntr <del>OK</del> bj 6.3

Sketch



*B. JOHNSON*  
Field Person

SR 500 MP 013.84 OFF SYSTEM ID. LEG 1 DIRECTION OF TRAFFIC SOUTHBOUND LANE ALL OF

COUNT IDENTIFIER HPMS COUNTER NUMBER 168698 DESCRIPTION: ON SR 500 N/O NE 28TH ST

04-14-08 MONDAY AM HOURS	CARS PICKUPS	BUS	SINGLE MED	UNITS HVV	4+ SINGLE UNIT %	DOUBLE UNITS 4-5	6+ DOUBLE UNIT %	5- TRAINS 6	7+ TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
12 - 1	1											
1 - 2	2											
2 - 3	3											
3 - 4	4											
4 - 5	5											
5 - 6	6											
6 - 7	7											
7 - 8	8											
8 - 9	9											
9 - 10	10											
10 - 11	11											
11 - 12	12											
PM HOURS												
12 - 1	55		2	1	5.0	1	1	3.3	8.3			60
1 - 2	51		4		7.3				7.3			55
2 - 3	63		2		3.0				3.0		1	66
3 - 4	65	1	7	1	12.5				12.5			72
4 - 5	80		7		8.8				8.8		3	91
5 - 6	77		3		3.7				3.7		1	81
6 - 7	69		2		2.8				2.8			71
7 - 8	47		4		7.3		1	1.8	9.1		3	55
8 - 9	26		4		16.7			2.8	19.4			36
9 - 10	14											14
10 - 11	15											15
11 - 12	7		1		12.5				12.5			8
AM TOTAL	567	2	38	2	6.7	3	1	.6	7.4		11	624
PM TOTAL	567	2	38	2	6.7	3	1	.6	7.4		11	624
DAY TOTAL	567	2	38	2	6.7	3	1	.6	7.4		11	624
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2-AXLE EQUIVALENT 630												

SR 500 MP 013.84 OFF SYSTEM ID. LEG 1 DIRECTION OF TRAFFIC SOUTHBOUND LANE ALL OF  
 COUNT IDENTIFIER HPMS COUNTER NUMBER 168698

DATE	TIME	CARS PICKUPS	BUS MED	SINGLE UNITS HVY	4+ UNITS	DOUBLE UNITS 4-	5 UNITS	6+ UNITS	DOUBLE UNITS %	5- TRAINS 6	7+ TRAINS	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
04-15-08	TUESDAY	4	1	3	1	1	1	1	.8	1	1	.2	10.0	8	498
AM HOURS		2	1	1	1	1	1	1	.2	1	1	.2	7.7	9	625
12 - 1		2													
1 - 2															
2 - 3															
3 - 4		9		2	1										
4 - 5		26		5	1										
5 - 6		59		5	1										
6 - 7		107	1	7	1				1.5		1	1.3	7.7	1	117
7 - 8		70	1	5	1				.9		1	1.3	7.7	1	80
8 - 9		60		8	1				2.5				12.9	1	70
9 - 10		48		6	1								12.3	2	57
10 - 11		53		3									5.3	1	57
11 - 12															
PM HOURS		51		1									1.9	1	53
12 - 1		55		4									8.3	1	60
1 - 2		60		2	1								8.8	2	68
2 - 3		69	1	9	1				1.2		1	1.5	14.8	2	81
3 - 4		75		8									10.5	2	86
4 - 5		83		6									6.7	1	90
5 - 6		77		2									2.5	1	80
6 - 7		41		4									8.5	1	47
7 - 8		26		1									3.7	1	27
8 - 9		18		1									5.3	1	19
9 - 10		8		1									11.1	1	9
10 - 11		5													5
11 - 12															
AM TOTAL		440	2	40	3	2	1	1	.8	1	1	.2	10.0	8	498
PM TOTAL		568	2	39	5	1	1	1	.2	1	1	.2	7.7	9	625
DAY TOTAL		1008	4	79	8	2	2	1	.4	2	2	.2	8.7	17	1123
2-AXLE EQUIVALENT 1139															

SR 500 MP 013.84 OFF SYSTEM ID. LEG 1 DIRECTION OF TRAFFIC SOUTHBOUND LANE ALL OF  
 COUNT IDENTIFIER HPMS COUNTER NUMBER 168698 DESCRIPTION: ON SR 500 N/O NE 28TH ST

04-16-08 WEDNESDAY AM HOURS	CARS PICKUPS	BUS	SINGLE MED	UNITS HVV	4+	SINGLE UNIT %	DOUBLE 4-	UNITS 5	6+	DOUBLE UNIT %	5-	TRAINS 6	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
1 - 1	3		1			25.0									25.0		4
2 - 2	3																4
3 - 3	3																4
4 - 4	10		1			8.3									8.3	1	12
5 - 5	23		3			11.5									11.5	1	26
6 - 6	63		5			7.1									8.6	1	70
7 - 7	95		1			8.4	2		1	1.4					10.3	1	107
8 - 8	95		10			12.6	1			.9					13.5	1	111
9 - 9	57		3			5.0			2	3.8					5.0	1	60
10 - 10	46		3			5.8				1.5					9.6	1	52
11 - 11	56		7			10.6	1								12.1	2	66
PM HOURS																	
12 - 1	60		5			8.8				1.7					8.8	2	68
1 - 2	52		4			8.6			1						10.3	2	58
2 - 3	49		6			10.5									10.5	2	57
3 - 4	68	1	5			9.2					1			1.3	10.5	2	76
4 - 5	93		6			5.9									5.9	2	101
5 - 6	80		2			2.3									2.3	6	88
6 - 7	72		2			2.7									2.7	1	74
7 - 8	44		4			9.8	1			2.0					11.8	1	51
8 - 9	40		1			2.3									2.3	1	44
9 - 10	28		1			6.7									6.7	3	30
10 - 11	13																13
11 - 12	10																10
AM TOTAL	455	2	41	3		8.9	4	3		1.4	1				10.3	8	516
PM TOTAL	609	2	37	3		6.3	1	1		.3	1			.1	6.7	16	670
DAY TOTAL	1064	4	78	6		7.4	5	4		.8	1			.1	8.3	24	1186
2-AXLE EQUIVALENT																	
1202																	

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

SR 500	MP 013.84	OFF SYSTEM ID.	LEG 1	DIRECTION OF TRAFFIC	COUNTER NUMBER	HPMS	DESCRIPTION: ON SR 500 N/O NE 28TH ST	LANE ALL OF						
04-17-08					168698									
THURSDAY														
AM HOURS	CARS PICKUPS	BUS MED	SINGLE UNITS HVY	4+	SINGLE UNIT %	DOUBLE UNITS 4-5	6+	DOUBLE UNITS %	5-6 TRAINS	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
12 -	1		1		12.5							12.5		8
1 -	6													6
2 -	1													1
3 -	3													5
4 -	4													10
5 -	5													10
6 -	6													34
7 -	7													75
8 -	8													121
9 -	9													84
10 -	10													83
11 -	11													54
12 -	12													74
PM HOURS														
1 -	46													53
2 -	58													68
3 -	82													91
4 -	91													106
5 -	88													101
6 -	99													108
7 -	74													80
8 -	48													55
9 -	30													32
10 -	26													27
11 -	15													16
12 -	6													6
AM TOTAL	475													555
PM TOTAL	663													743
DAY TOTAL	1138													1298
														1321

2-AXLE EQUIVALENT

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

SR 500 MP 013.84 OFF SYSTEM ID. LEG 1 DIRECTION OF TRAFFIC SOUTHBOUND LANE ALL OF  
 COUNT IDENTIFIER HPMS COUNTER NUMBER 168698 DESCRIPTION: ON SR 500 N/O NE 28TH ST

04-18-08	CARS PICKUPS	BUS MED	SINGLE HVY	4+	SINGLE UNIT %	DOUBLE UNITS 4-	5	6+	DOUBLE UNIT %	5-	TRAINS 6	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
FRIDAY	2															1
AM HOURS	4															3
12 - 1	1															2
1 - 2	2															7
2 - 3	4															27
3 - 4	1															7
4 - 5	4															27
5 - 6	25															70
6 - 7	61															70
7 - 8	104															120
8 - 9																
9 - 10																
10 - 11																
11 - 12																
PM HOURS	1															1
12 - 1	2															2
1 - 2	3															7
2 - 3	4															27
3 - 4	5															70
4 - 5	6															70
5 - 6	7															70
6 - 7	8															70
7 - 8	9															70
8 - 9	10															70
9 - 10	11															70
10 - 11	12															70
11 - 12																

AM TOTAL	201	1	18	1	8.6	6	2.6	11.2	6	233
PM TOTAL	201	1	18	1	8.6	6	2.6	11.2	6	233
DAY TOTAL	201	1	18	1	8.6	6	2.6	11.2	6	233

2-AXLE EQUIVALENT 240

04-14-08 THRU 04-18-08

AVERAGE WEEKDAY CLASSIFICATION VOLUMES	CARS PICKUPS	BUS MED	SINGLE HVY	4+	SINGLE UNIT %	DOUBLE UNITS 4-	5	6+	DOUBLE UNIT %	5-	TRAINS 6	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
AVG WEEKDAY	1070	4	85	14	8.6	4	2	.5				1	-1	9.2	21	1202
VOLUME																1218

TOTAL HOURS FOR COUNT 92  
 3 DAYS  
 AVG WEEKDAY VOL 1202 X SEASONAL ADJ. FACTOR 1.0000 = ESTIMATED AVG DAILY TRAFFIC 1202

SR 500	MP 013.84	OFF SYSTEM ID.	LEG 1	DIRECTION OF TRAFFIC	NORTHBOUND	LANE ALL OF				
COUNT IDENTIFIER	HPMS	COUNTER NUMBER	165885	DESCRIPTION:	ON SR 500 N/O NE 28TH ST					
04-14-08										
MONDAY										
AM HOURS	CARS PICKUPS	BUS MED	SINGLE UNIT %	DOUBLE UNITS 4-5 6+	DOUBLE UNIT %	5- TRAINS 6 7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
12 - 1	1									
1 - 2	2									
2 - 3	3									
3 - 4	4									
4 - 5	5									
5 - 6	6									
6 - 7	7									
7 - 8	8									
8 - 9	9									
9 - 10	10									
10 - 11	11									
11 - 12	12									
PM HOURS										
12 - 1	50	3	6.8					6.8	5	59
1 - 2	47	3	7.8					7.8	2	51
2 - 3	61	3	4.4	1	2.9			7.4	1	68
3 - 4	83	9	9.6	1	1.1			10.6	4	94
4 - 5	111	8	6.5	1	.8			7.3	3	124
5 - 6	104	4	3.2			1	.9	4.6	3	109
6 - 7	89	3	3.2					3.2	1	95
7 - 8	65	2	2.9					2.9	1	68
8 - 9	48	5	9.3					9.3	1	54
9 - 10	32	1	2.9	1	2.9			5.7	1	35
10 - 11	14									14
11 - 12	12	1	7.7					7.7		13
AM TOTAL	716	42	5.6	4	.6	1	.1	6.4	18	784
PM TOTAL	716	42	5.6	4	.6	1	.1	6.4	18	784
DAY TOTAL	716	42	5.6	4	.6	1	.1	6.4	18	784

2-AXLE EQUIVALENT



SR 500 MP 013.84

OFF SYSTEM ID.

LEG 1

DIRECTION OF TRAFFIC NORTHBOUND

LANE ALL OF

COUNT IDENTIFIER HPMS COUNTER NUMBER 165885 DESCRIPTION: ON SR 500 N/O NE 28TH ST

DATE	TIME	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	
04-15-08	TUESDAY	2																1	3
	AM HOURS	1																	2
	12 -	2																	2
	1 -	2																	6
	2 -	6																	6
	3 -	3																	3
	4 -	4																	3
	5 -	1																	2
	6 -	5																	9
	7 -	1																	2
	8 -	5																	9
	9 -	22																	32
	10 -	39																	48
	11 -	38																	48
	12 -	46																	43
	PM HOURS	58																	52
	1 -																		67
	2 -	56																	60
	3 -	48																	56
	4 -	65																	73
	5 -	93																	106
	6 -	103																	119
	7 -	89																	97
	8 -	82																	92
	9 -	60																	67
	10 -	53																	57
	11 -	41																	50
	12 -	19																	23
	AM TOTAL	257																	315
	PM TOTAL	727																	818
	DAY TOTAL	984																	1133
																			1154

2-AXLE EQUIVALENT

DOT-RNB505A-B

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

DATE 04/24/08  
TIME 10:35:11  
PAGE 68

SR 500 MP 013.84

OFF SYSTEM ID.

LEG 1

DIRECTION OF TRAFFIC NORTHBOUND

LANE ALL OF

COUNT IDENTIFIER HPMS

COUNTER NUMBER 165885

DESCRIPTION: ON SR 500 N/O NE 28TH ST

04-16-08 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	5																5
1 - 2	1																1
2 - 3	3																3
3 - 4	2																2
4 - 5	4																4
5 - 6	1																1
6 - 7	4																4
7 - 8	27					28.6									28.6		27
8 - 9	47					12.1				1.8				12.1		2	
9 - 10	43					7.1								8.9		4	
10 - 11	40					7.7				2.2				7.7		5	
11 - 12	33					4.4				2.4				6.7		2	
PM HOURS	53					9.5				2.4				11.9		4	
12 - 1	45					5.1								5.1		3	
1 - 2	67					7.3				1.8				10.9		4	
2 - 3	74					6.8								6.8		2	
3 - 4	93					11.5								11.5		3	
4 - 5	100	1				4.9								4.9		5	
5 - 6	117					6.8				2.5				9.3		7	
6 - 7	90					1.6				1.0				1.6		4	
7 - 8	56					5.2								6.3		4	
8 - 9	64					4.8								4.8		4	
9 - 10	36					5.6								5.6		4	
10 - 11	28					5.1								5.1		1	
11 - 12	20					3.3								3.3		1	
AM TOTAL	259					7.5				1.0				8.5		22	
PM TOTAL	790	1				5.6				.6				6.3		35	
DAY TOTAL	1049	1	69	2		6.1	4	4		.7	1			6.8	.1	57	
-----																	
2-AXLE EQUIVALENT 1200																	



SR 500 MP 013.84 OFF SYSTEM ID. LEG 1 DIRECTION OF TRAFFIC NORTHBOUND LANE ALL OF  
 COUNT IDENTIFIER HPMS COUNTER NUMBER 165885 DESCRIPTION: ON SR 500 N/O NE 28TH ST

04-18-08	CARS PICKUPS	BUS MED	SINGLE UNIT %	DOUBLE UNITS	DOUBLE UNIT %	5- TRAINS	6+ TRAINS	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
FRIDAY	3	1	25.0	4+	4-	5-	6	7+	25.0	UNKNOWN	4
AM HOURS	6										6
1 - 2	2										2
2 - 3	2										2
3 - 4	1										3
4 - 5											3
5 - 6	2		42.9						42.9		2
6 - 7	20		7.7						7.7		4
7 - 8	47		5.3						5.3		7
8 - 9											7
9 - 10											7
10 - 11											7
11 - 12											7
PM HOURS											57
12 - 1											
1 - 2											
2 - 3											
3 - 4											
4 - 5											
5 - 6											
6 - 7											
7 - 8											
8 - 9											
9 - 10											
10 - 11											
11 - 12											
AM TOTAL	82	1	9.5						9.5	13	105
PM TOTAL											105
DAY TOTAL	82	1	9.5						9.5	13	105

04-14-08 THRU 04-18-08  
 AVERAGE WEEKDAY CLASSIFICATION VOLUMES \*\*\*\*\*  
 CARS PICKUPS | BUS MED HVY 4+ | SINGLE UNIT % | DOUBLE UNITS | DOUBLE UNIT % | 5- TRAINS | 6+ TRAINS | TRAIN % | TRUCK % | CLASS UNKNOWN | TOTAL VEHICLES  
 1034 | 1 | 72 | 5 | 6 | 7.1 | 4 | 3 | .6 | 1 | 1 | .2 | 7.8 | 63 | 1190  
 3 DAYS | 92 | 1190 X SEASONAL ADJ. FACTOR 1.0000 = ESTIMATED AVG DAILY TRAFFIC 1190  
 AMD 2-AXLE EQUIVALENT

04-14-08	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
MONDAY	105		5	2		5.9	1		1	1.7					7.6	5	119
AM HOURS	98		7	1		7.5									7.5		106
12 - 1	124		5			3.7	1	1		1.5					5.2	3	134
1 - 2	146	1	16	1		10.8	1			.6					11.4	1	166
2 - 3	191		15			7.4	1			.5					7.9	7	215
3 - 4	181		7			3.0					1				4.2	1	190
4 - 5	158		5			3.7									3.0	3	166
5 - 6	112		7			4.9	1			.8					5.7	4	123
6 - 7	74		6			12.2	1			1.1					13.3	4	90
7 - 8	46		11			2.0	1			2.0					4.1	1	49
8 - 9	29		1														29
9 - 10	19		2			9.5									9.5		21
10 - 11																	
11 - 12																	
AM TOTAL	1283	2	80	4		6.1	7	1	1	.6	1			.1	6.8	29	1408
PM TOTAL	1283	2	80	4		6.1	7	1	1	.6	1			.1	6.8	29	1408
DAY TOTAL	1283	2	80	4		6.1	7	1	1	.6	1			.1	6.8	29	1408
																	1422

2-AXLE EQUIVALENT

SR 500 MP 013.84 OFF SYSTEM ID. LEG 1 DIRECTION OF TRAFFIC BOTH WAYS LANE ALL OF  
 COUNT IDENTIFIER HPMS COUNTER NUMBER 165885 DESCRIPTION: ON SR 500 N/O NE 28TH ST

04-15-08	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
TUESDAY	4		1			16.7								16.7	1	6
AM HOURS	1															4
1 - 2	4															4
2 - 3	5		1			11.1									1	7
3 - 4	6		2			14.3									2	9
4 - 5	10		3			8.1									3	14
5 - 6	31		7			7.2									7	37
6 - 7	81		11			7.3	1	2		2.1					7	97
7 - 8	146	1	11			10.9	2	1	1	3.1		1			6	165
8 - 9	108	2	11	1		9.7				.6					1	128
9 - 10	97		10	1		8.3		1		.9					5	113
10 - 11	94		8			5.6		1		.8					5	109
11 - 12	111		7								1				4	124
PM HOURS																
12 - 1	107		2			1.8						1			3	113
1 - 2	103		9			8.6	2			1.7					1	116
2 - 3	125		6	3	1	7.1				.7		1			5	141
3 - 4	162	1	21	1		12.3	1	1		1.1					5	187
4 - 5	178	1	18			9.8				.5	1				5	205
5 - 6	172		9			4.7		1		.6					4	187
6 - 7	159		8			4.8					1				4	172
7 - 8	101		6			5.3									3	114
8 - 9	79		2			2.4									3	84
9 - 10	59		4			5.8									6	69
10 - 11	27		2			6.3									3	32
11 - 12	23														3	23
AM TOTAL	697	3	61	3		8.2	3	5	1	1.1		1			38	813
PM TOTAL	1295	2	87	6	1	6.7	4	2		.4	2	1	1		42	1443
DAY TOTAL	1992	5	148	9	1	7.2	7	7	1	.7	2	2	2		80	2256
																2293

2-AXLE EQUIVALENT

SR 500 MP 013.84 OFF SYSTEM ID. LEG 1 DIRECTION OF TRAFFIC BOTH WAYS LANE ALL OF  
 COUNT IDENTIFIER HPMS COUNTER NUMBER 165885 DESCRIPTION: ON SR 500 N/O NE 28TH ST

04-16-08 WEDNESDAY AM HOURS	CARS PICKUPS	BUS	SINGLE MED	UNITS HVV	4+	SINGLE UNIT %	DOUBLE 4-	UNITS 5	6+	DOUBLE UNIT %	5-	TRAINS 6	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
12 - 1	9					20.0									20.0		9
1 - 2	4																5
2 - 3	3																3
3 - 4	5																6
4 - 5	11					7.1									7.1	1	14
5 - 6	27					15.2									15.2	2	33
6 - 7	90					8.7									9.7	1	103
7 - 8	142					8.0									9.8	3	163
8 - 9	138		1			11.0		2		1.8				11.7	5	163	
9 - 10	97		1			4.8		1		1.0				5.7	6	105	
10 - 11	79		5			7.4		1		3.2				10.6	2	94	
11 - 12	109		7			8.0		1		.8				8.8	5	125	
PM HOURS																	
12 - 1	105		9			8.1				.8				9.8	6	123	
1 - 2	119		9			7.6				.8				8.3	2	132	
2 - 3	123		16			11.1				.6				11.1	5	144	
3 - 4	161		9			6.7								7.3	5	179	
4 - 5	193		14			6.4		2		1.4				7.8	9	219	
5 - 6	197		4			1.9				.6				1.9	10	211	
6 - 7	162		6			4.1		1		.9				4.7	5	170	
7 - 8	100		6			7.0								7.9	5	114	
8 - 9	104		5			4.3								4.3	7	116	
9 - 10	64		4			5.8								5.8	1	69	
10 - 11	41		1			2.3								2.3	1	43	
11 - 12	30															1	30
AM TOTAL	714		64			8.4		5		1.2				9.6	30	823	
PM TOTAL	1399		83			5.9		4		.5				6.5	51	1550	
DAY TOTAL	2113		147			6.7		9		.7				7.5	81	2373	
-----																	
																2-AXLE EQUIVALENT	2401

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

SR 500 MP 013.84

OFF SYSTEM ID.

LEG 1

DIRECTION OF TRAFFIC BOTH WAYS

LANE ALL OF

COUNT IDENTIFIER HPMS

COUNTER NUMBER 165885

DESCRIPTION: ON SR 500 N/O NE 28TH ST

04-17-08	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
THURSDAY	10	2	16	5	16.7									16.7		12
AM HOURS	14															14
1 -	2				16.7											2
2 -	3															3
3 -	4															4
4 -	5															5
5 -	6															6
6 -	7															7
7 -	8															8
8 -	9															9
9 -	10															10
10 -	11															11
11 -	12															12
PM HOURS	99	17	4	1	17.6							1	1.0	18.4	3	125
1 -	111	5	5	3	10.2								.8	10.9	3	128
2 -	117	4	8	2	10.4									10.4	4	135
3 -	158	14	3	2	10.6									10.6	3	180
4 -	199	17	3	1	9.3									10.6	4	227
5 -	202	19	2	3	11.0	3			1.3					11.4	8	237
6 -	208	11	3		5.6				.4					5.6	10	231
7 -	176	15	2		7.7									7.7	4	195
8 -	116	4	4		3.1									3.1	9	129
9 -	98	4	3		3.9									3.9	1	103
10 -	64	3	1		4.2									4.2	4	71
11 -	31	1			2.9									2.9	3	35
12 -	16															16
AM TOTAL	710	4	16	5	12.1	3	1	1	.6	1		2	.2	12.9	39	860
PM TOTAL	1496	2	23	11	7.9	4	1	1	.2	1		2	.1	8.2	53	1687
DAY TOTAL	2206	6	39	16	9.3	7	1	1	.4	1		2	.1	9.8	92	2547
														2-AXLE EQUIVALENT		2600



SR 500 MP 013.84 OFF SYSTEM ID. LEG 1 DIRECTION OF TRAFFIC BOTH WAYS LANE ALL OF  
 COUNT IDENTIFIER HPMS COUNTER NUMBER 165885 DESCRIPTION: ON SR 500 N/O NE 28TH ST

04-18-08	CARS PICKUPS	BUS MED	SINGLE UNITS 4+	SINGLE UNIT %	DOUBLE UNITS 4-5	DOUBLE UNITS 6+	DOUBLE UNIT %	5-6	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
FRIDAY	5	1		14.3							14.3	1	10
AM HOURS	10										20.0	1	5
12 - 1	2		1								28.6	1	7
1 - 2	3										14.7	2	34
2 - 3	4		2								8.3	7	96
3 - 4	5		4								10.7	7	177
4 - 5	27		7										
5 - 6	81		13										
6 - 7	151		1										
7 - 8													
8 - 9													
9 - 10													
10 - 11													
11 - 12													
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													
AM TOTAL	283	2	27	8.9	6		1.8				10.7	19	338
PM TOTAL													
DAY TOTAL	283	2	27	8.9	6		1.8				10.7	19	338

04-14-08 THRU 04-18-08  
 AVERAGE WEEKDAY CLASSIFICATION VOLUMES \*\*\*\*\*  
 CARS PICKUPS | BUS MED HVY 4+ | SINGLE UNIT % | DOUBLE UNITS 4-5 | DOUBLE UNITS 6+ | DOUBLE UNIT % | 5-6 | TRAINS 7+ | TRAIN % | TRUCK % | CLASS UNKNOWN | TOTAL VEHICLES  
 2104 | 5 | 157 | 19 | 6 | 7.8 | 8 | 5 | 1 | .6 | 2 | 1 | 1 | .2 | 8.6 | 84 | 2392  
 TOTAL HOURS FOR COUNT 92  
 3 DAYS 2392 X SEASONAL ADJ. FACTOR 1.0000 = ESTIMATED AVG DAILY TRAFFIC 2392  
 AVG WEEKDAY VOL 2392  
 AWD 2-AXLE EQUIVALENT 2434

PEAK HOUR PERCENTAGES: K = 9.91 D = 57.38 T = 11.39  
 PEAK HOUR LOCATION : VOLUME = 237 DATE: 04/17/08 TIME: 04:00 PM

0.9827



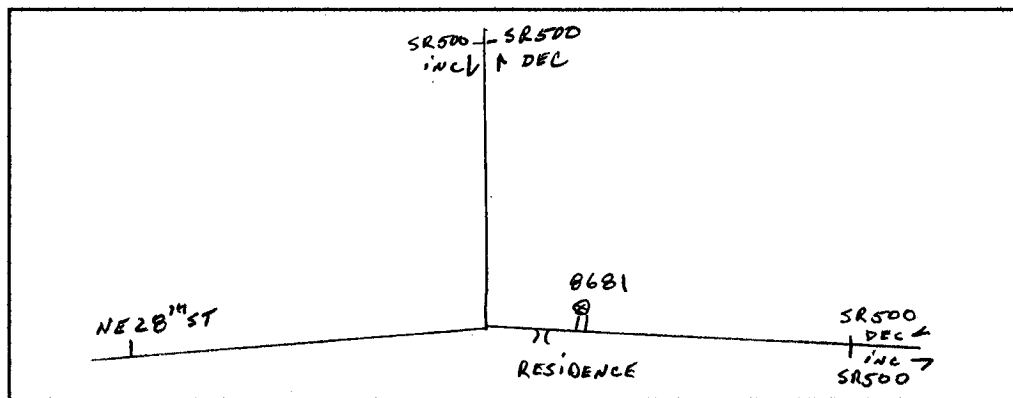
Interval  60 min.  15 min.  
 Binned(CL/SP)  Count(volume)  
 Lane No  1  2  
 Direction Channel 1 \_\_\_\_\_  
 Direction Channel 2 \_\_\_\_\_  
 Data Hog # \_\_\_\_\_ 7060

Counter No. 168681 Count ID HPMS  
 SR 500 RRT/RRQ \_\_\_\_\_ MP 13.84  
 Leg 2 Direction WB OSID \_\_\_\_\_

Station Description \_ ON SR 500 E/O NE 28th St

Date	Day	Time	Comments
4/14/08	2	12:02	Manual (1) <u>2</u> (2) _____ Counter (1) <u>2</u> (2) _____ set cntr ok bj 6.4
4/15	3	09:45	Manual (1) <u>16</u> (2) _____ Counter (1) <u>16</u> (2) _____ chk cntr ok bj 6.6
4/16	4	12:52	Manual (1) <u>13</u> (2) _____ Counter (1) <u>13</u> (2) _____ chk cntr ok bj 6.9
4/17	5	08:40	Manual (1) <u>10</u> (2) _____ Counter (1) <u>10</u> (2) _____ chk cntr ok bj 6.6
4/18	6	0821	Manual (1) <u>'</u> (2) _____ Counter (1) <u>'</u> (2) _____ P.U. cntr ok bj 6.4

Sketch



B. JOHNSON  
Field Person



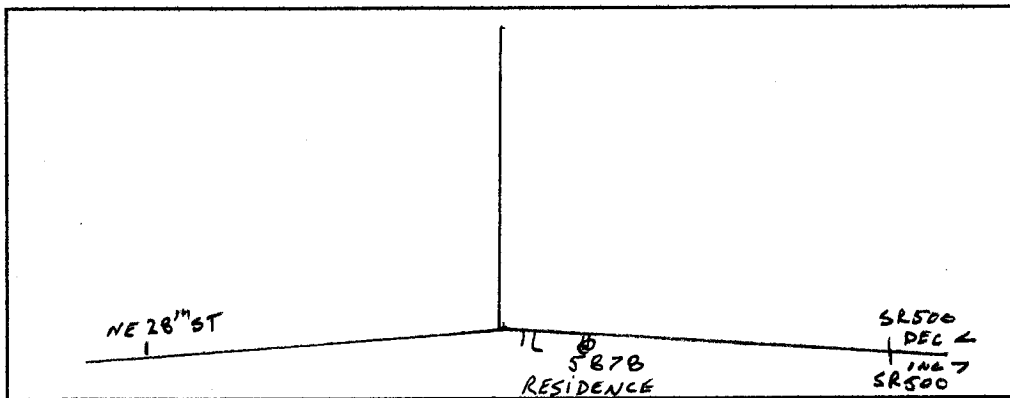
Interval  60 min.  15 min.  
 Binned(CL/SP)  Count(volume)  
 Lane No  1  2  
 Direction Channel 1 \_\_\_\_\_  
 Direction Channel 2 \_\_\_\_\_  
 Data Hog # \_\_\_\_\_ 7060

Counter No. 165878 Count ID HPMS  
 SR 500 RRT/RRQ \_\_\_\_\_ MP 13.84  
 Leg 2 Direction EB OSID \_\_\_\_\_

Station Description \_ ON SR 500 E/O NE 28th St

Date	Day	Time	Comments
4/14/08	2	11:59	Manual (1) <u>2</u> (2) _____ Counter (1) <u>2</u> (2) _____ set cntr ok bj 6.4
4/15	3	09:40	Manual (1) <u>7</u> (2) _____ Counter (1) <u>7</u> (2) _____ chk cntr ok bj 6.8
4/16	4	12:48	Manual (1) <u>12</u> (2) _____ Counter (1) <u>12</u> (2) _____ chk cntr ok bj 7.2
4/17	5	08:35	Manual (1) <u>5</u> (2) _____ Counter (1) <u>5</u> (2) _____ chk cntr ok bj 6.5
4/18	6	0819	Manual (1) <u>1</u> (2) _____ Counter (1) <u>1</u> (2) _____ P.U. cntr a( bj 6.4

Sketch



*B. JOHNSON*  
Field Person

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

SR 500	MP 013.84	OFF SYSTEM ID.	LEG 2	DIRECTION OF TRAFFIC	WESTBOUND	LANE ALL OF						
COUNT IDENTIFIER	HPMS	COUNTER NUMBER	168681	DESCRIPTION:	ON SR 500 E/O NE 28TH ST							
04-14-08												
MONDAY												
AM HOURS	CARS PICKUPS	BUS	SINGLE UNITS 4+	SINGLE UNIT %	DOUBLE UNITS 4-5	DOUBLE UNITS 6+	5-6	TRAINS 7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
12 - 1	1											
1 - 2	2											
2 - 3	3											
3 - 4	4											
4 - 5	5	1										
5 - 6	6											
6 - 7	7											
7 - 8	8											
8 - 9	9											
9 - 10	10											
10 - 11	11											
11 - 12	12											
PM HOURS												
12 - 1	71	1	24	26.8	2	1	2.5					97
1 - 2	87		26	23.5								119
2 - 3	94	3	46	34.0								144
3 - 4	117		56	32.6	1		.6					175
4 - 5	115		32	21.5	2		1.3					149
5 - 6	83		29	25.9								112
6 - 7	67		18	20.9	1		1.2					86
7 - 8	59		14	18.9	1		1.4					74
8 - 9	43		5	10.2			2.0					49
9 - 10	9		11	55.0								20
10 - 11	10		4	28.6								14
11 - 12	10											
AM TOTAL	755	5	265	26.3	8	1	.9					1039
PM TOTAL	755	5	265	26.3	8	1	.9					1039
DAY TOTAL	755	5	265	26.3	8	1	.9					1039
												1053

2-AXLE EQUIVALENT





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

SR 500 MP 013.84

OFF SYSTEM ID.

LEG 2

DIRECTION OF TRAFFIC WESTBOUND

LANE ALL OF

COUNT IDENTIFIER HPMS

COUNTER NUMBER 168681

DESCRIPTION: ON SR 500 E/O NE 28TH ST

04-17-08 THURSDAY AM HOURS	CARS PICKUPS	BUS	SINGLE MED	UNITS HVV	4+	SINGLE UNIT %	DOUBLE 4-5	UNITS 6+	DOUBLE UNIT %	5-	TRAINS 6	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
12 - 1	12		2			14.3								14.3		14
1 - 2	3		1			25.0								25.0		4
2 - 3	5		1			16.7								16.7		4
3 - 4	2		2			50.0								50.0		4
4 - 5	13		7			35.0								35.0		20
5 - 6	45		20			30.3								30.3		66
6 - 7	105		42		2	28.4	1	2	1.6			1	.6	29.7	1	155
7 - 8	188		56			23.6	2	1	1.6				.4	25.6	1	254
8 - 9	123		35		1	23.2	4	1	1.2					24.4	1	164
9 - 10	106		27		2	20.7	1	1	3.6				.9	24.3		140
10 - 11	69		39			36.9	1							37.8		111
11 - 12	87		32		2	27.6		2	.9				1.6	29.3	2	123
PM HOURS																
12 - 1	78		43		1	36.8		1	.8					37.6	1	125
1 - 2	66		35		1	35.2							1.0	36.2	1	105
2 - 3	78		45		1	37.7	2	1	1.5					39.2	1	130
3 - 4	105		44		1	29.7	3	1	2.5					32.3	2	158
4 - 5	119		44		1	27.5	1		1.0					28.1	1	167
5 - 6	138		50			26.3	2	1	1.0					27.3	3	194
6 - 7	112		29			20.1	2		2.1					22.2	2	144
7 - 8	81		26			23.6	1		.9					24.5	2	110
8 - 9	66		16			19.0	2		2.4					21.4	1	84
9 - 10	28		8			20.0	3		7.5					27.5		40
10 - 11	38		3			9.5								9.5		42
11 - 12	8		5			38.5								38.5		13
AM TOTAL	758		264		7	26.3	9	2	1.2			4	.4	27.9	7	1061
PM TOTAL	917		348		5	27.7	16	2	1.4			1	.1	29.3	11	1312
DAY TOTAL	1675		612		12	27.1	25	4	1.3			5	.2	28.7	18	2373
															2-AXLE EQUIVALENT	2430

SR 500 MP 013.84 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC WESTBOUND LANE ALL OF  
 COUNT IDENTIFIER HPMS COUNTER NUMBER 168681 DESCRIPTION: ON SR 500 E/O NE 28TH ST

04-18-08	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
FRIDAY	8				20.0									20.0		8
AM HOURS	1				42.9									35.0		5
12 - 1	2				35.0									30.0		7
1 - 2	3				30.0									33.1		20
2 - 3	4				26.4											50
3 - 4	4															145
4 - 5	12															220
5 - 6	35															
6 - 7	95															
7 - 8	160															
8 - 9																
9 - 10																
10 - 11																
11 - 12																
PM HOURS	1															
12 - 1	2															
1 - 2	3															
2 - 3	4															
3 - 4	5															
4 - 5	6															
5 - 6	7															
6 - 7	8															
7 - 8																
8 - 9																
9 - 10																
10 - 11																
11 - 12																
AM TOTAL	326				28.5				.4			1	.2	29.2		2
PM TOTAL	326				28.5				.4			1	.2	29.2		2
DAY TOTAL	326				28.5				.4			1	.2	29.2		2

04-14-08 THRU 04-18-08  
 AVERAGE WEEKDAY CLASSIFICATION VOLUMES  
 CARS PICKUPS | BUS MED HVY | 4+ | SINGLE UNIT % | DOUBLE UNITS 4- | 5 | 6+ | DOUBLE UNIT % | 5- | 6 | 7+ | TRAIN % | TRUCK % | CLASS UNKNOWN | TOTAL VEHICLES  
 1619 | 19 | 605 | 11 | 1 | 27.4 | 29 | 6 | 1 | 1.6 | .2 | 29.2 | 22 | 2318  
 3 DAYS | 2318 X SEASONAL ADJ. FACTOR 1.0000 = ESTIMATED AVG DAILY TRAFFIC 2318  
 AVG WEEKDAY VOL 2318 X SEASONAL ADJ. FACTOR 1.0000 = ESTIMATED AVG DAILY TRAFFIC 2318  
 TOTAL HOURS FOR COUNT 91  
 3 DAYS | 2318 X SEASONAL ADJ. FACTOR 1.0000 = ESTIMATED AVG DAILY TRAFFIC 2318  
 AVG WEEKDAY VOL 2318 X SEASONAL ADJ. FACTOR 1.0000 = ESTIMATED AVG DAILY TRAFFIC 2318



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

SR 500 MP 013.84 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC EASTBOUND LANE ALL OF  
 COUNT IDENTIFIER HPMS COUNTER NUMBER 165878 DESCRIPTION: ON SR 500 E/O NE 28TH ST

DAY	AM TOTAL	PM TOTAL	CARS PICKUPS	BUS	SINGLE MED	HVY	4+	SINGLE UNIT %	DOUBLE 4-	5	6+	DOUBLE UNIT %	5-	6	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES	
04-14-08																				
MONDAY																				
12 -	1	1	116		6	1	1	6.3	1	1	1	2.3					8.6		128	
1 -	2	2	116		5	1	1	5.6									5.6		124	
2 -	3	3	157		7	1	1	4.8									5.4		166	
3 -	4	4	192	2	10	1	1	5.9							1		5.9		204	
4 -	5	5	240		13	1	1	6.3									6.3		256	
5 -	6	6	288		13	1	1	6.3	1			.3			1		5.3		304	
6 -	7	7	214		11	3		6.1									6.1		229	
7 -	8	8	132		6			4.3	2			1.4					5.7		140	
8 -	9	9	111		5			4.2	1			.8					5.1		118	
9 -	10	10	76		6			7.1	2			2.4					9.5		84	
10 -	11	11	50		1			1.9									1.9		52	
11 -	12	12	33		2			5.7									5.7		35	
AM TOTAL	1725																			1840
PM TOTAL		1725																		1840
DAY TOTAL	1725	1725		4	85	8	2	5.4	7	1	1	.5			2	.1	6.0		5	1862

2-AXLE EQUIVALENT

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

SR 500	MP 013.84	OFF SYSTEM ID.	LEG 2	DIRECTION OF TRAFFIC	EASTBOUND	LANE ALL OF								
COUNT IDENTIFIER	HPMS	COUNTER NUMBER	165878	DESCRIPTION: ON SR 500 E/O NE 28TH ST										
04-15-08														
TUESDAY														
AM HOURS	CARS PICKUPS	BUS MED	SINGLE UNITS HVY	4+	SINGLE UNIT %	DOUBLE UNITS 4-5	6+	DOUBLE UNIT %	5-6	TRAINS 7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
12 - 1	17	1	1		5.6							5.6	1	18
1 - 2	5													6
2 - 3	2													2
3 - 4	8													9
4 - 5	8													9
5 - 6	13													11
6 - 7	59													16
7 - 8	116	2	2	1	9.4									65
8 - 9	73	2	3		10.7									128
9 - 10	83		12		15.0	1		1	1.2					84
10 - 11	78		9		13.0				1.0					100
11 - 12	107		9		7.6		2	1	2.5					92
PM HOURS														119
12 - 1	111	1	5	1	5.8		1		.8					121
1 - 2	118		9	1	7.7				.8	1				130
2 - 3	146	1	8	2	7.5				.6	1				161
3 - 4	182	1	17	1	9.3	1			1.0					204
4 - 5	215	2	16	1	8.0		2		.8					237
5 - 6	274		11	2	6.2	1			.3					288
6 - 7	181		10		4.5									195
7 - 8	166		6		3.4	2			1.1					176
8 - 9	105	1	6		5.3	1			.9					113
9 - 10	81		4		5.7									87
10 - 11	57		2		3.4									59
11 - 12	35													36
AM TOTAL	569	4	52	13	10.8	1	2	2	.8	1	.2	11.7	5	650
PM TOTAL	1671	6	94	10	6.1	5	4	2	.5	3	.2	6.8	13	1807
DAY TOTAL	2240	10	146	23	7.4	6	6	2	.6	4	.2	8.1	18	2457
												2-AXLE EQUIVALENT		2500

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

SR 500 MP 013.84 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC EASTBOUND LANE ALL OF  
COUNT IDENTIFIER HPMS COUNTER NUMBER 165878 DESCRIPTION: ON SR 500 E/O NE 28TH ST

04-16-08 WEDNESDAY AM HOURS	CARS PICKUPS	BUS	SINGLE MED	HVY	4+	SINGLE UNIT %	DOUBLE 4-	5	6+	DOUBLE UNIT %	5-	6	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
12 - 1	15		1			14.3									14.3		15
1 - 1	6																6
2 - 1	6																6
3 - 1	6																6
4 - 1	8		1			8.3				8.3						2	12
5 - 1	19		2			9.1				4.5						4	22
6 - 1	53		11		1	17.4				8.3						4	69
7 - 1	126		7		1	7.0				1.4		1	2	2.1		1	142
8 - 1	86		2		2	13.3				3.5		1	1	1.8		6	113
9 - 1	82		4		2	4.5				2.0		1	1	2.0		2	88
10 - 1	84		1		2	9.0				.8						3	100
11 - 1	109		9			7.5		1							8.3	1	120
12 - 1	121		16		1	12.1									12.1	2	140
1 - 2	105	2	7			7.6			1	.8					8.5	3	118
2 - 2	138	1	10		1	7.8									8.5	2	153
3 - 2	170	1	11		2	7.4							1	1.1	8.4	4	190
4 - 2	229		12		1	5.3				.4					5.7	2	245
5 - 2	253		13			6.1			1						4.8	6	272
6 - 2	213		8		1	5.5									6.1	3	230
7 - 2	135		6			5.0			1	.8					5.5	2	145
8 - 2	110		5			4.4									5.8	3	120
9 - 2	108		2			3.3									4.4	1	113
10 - 2	56		1			2.4			1	1.7					5.0	1	60
11 - 2	41														2.4		42
AM TOTAL	600	5	47	6	5	9.0	5	6		1.6	1	4	2	1.0	11.6	19	700
PM TOTAL	1679	4	103	6	5	6.2	4	1		.3	1	3	3	.2	6.6	28	1828
DAY TOTAL	2279	9	150	12	5	7.0	9	7		.6	1	4	5	.4	8.0	47	2528

2-AXLE EQUIVALENT

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

SR 500 MP 013.84 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC EASTBOUND LANE ALL OF

COUNT IDENTIFIER HPMS COUNTER NUMBER 165878 DESCRIPTION: ON SR 500 E/O NE 28TH ST

04-17-08 THURSDAY AM HOURS	CARS PICKUPS	BUS	SINGLE MED	UNITS HVV	4+	SINGLE UNIT %	DOUBLE 4-5	UNITS 6+	DOUBLE UNIT %	5-6	TRAINS 7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
12 - 1	17														17
1 - 2	11														11
2 - 3	2														2
3 - 4	4														4
4 - 5	5														5
5 - 6	19		1			3.7	1		7.4				11.1	1	27
6 - 7	61		9			14.9	1	1	1.4				17.6	5	74
7 - 8	130	2	10			9.6	1	1	1.4				11.0	4	146
8 - 9	73	4	9			17.9	1	1	1.1				18.9	3	95
9 - 10	104		10			10.7	1	1	1.6				12.3	3	122
10 - 11	80		14			17.0	1	1	1.0				20.0	1	100
11 - 12	92		18			17.0						2.0	17.0	1	112
PM HOURS															
12 - 1	126		10			7.9		1	.7				9.3	1	140
1 - 2	101		6			7.3	1		.9				8.2	1	110
2 - 3	177		12			17.2							7.7	2	194
3 - 4	191	2	15			9.3	1	1	.5				10.3	1	214
4 - 5	225		22			10.2	1	1	.4				10.2	5	256
5 - 6	265		13			4.9	1	1	.4				5.6	3	284
6 - 7	208		7			3.9	1	1	.6				4.5	2	223
7 - 8	168		6			3.9	2		1.3				5.3	3	179
8 - 9	143		3			2.4							2.4	1	152
9 - 10	120		2			2.8							2.8	4	123
10 - 11	66													4	72
11 - 12	32													1	33
AM TOTAL	598	6	71	13	2	12.8	5	3	1.3	2	6	.3	14.5	14	716
PM TOTAL	1822	4	105	13		6.2	7	1	.4	2	3	.3	6.8	23	1980
DAY TOTAL	2420	10	176	26	2	7.9	12	4	.6	2	6	.3	8.9	37	2696

2-AXLE EQUIVALENT

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

SR 500 MP 013.84 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC EASTBOUND LANE ALL OF

COUNT IDENTIFIER HPMS COUNTER NUMBER 165878 DESCRIPTION: ON SR 500 E/O NE 28TH ST

04-18-08	CARS PICKUPS	BUS MED	SINGLE UNITS 4+	DOUBLE UNITS 4-5	DOUBLE UNITS 6+	DOUBLE UNITS 7+	TRAINS 6	TRAINS 7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
FRIDAY AM HOURS	19	6	1	7.7	42.9	1	1	1	1.5	42.9	1	7
12 - 1	11	1	1	4.8	1	1	1	1	1.7	14.3	1	21
1 - 2	11	1	1	10.2	1	1	1	1	2.3	11.9	1	59
2 - 3	6	1	1	8.3	2	1	1	1	1.5	12.0	1	133
3 - 4	1	1	1									
4 - 5	3	1	2									
5 - 6	15	1	1									
6 - 7	52	6	1									
7 - 8	117	2	8									
8 - 9												
9 - 10												
10 - 11												
11 - 12												
PM HOURS	1	2	1									
12 - 1	2	3	1									
1 - 2	1	2	1									
2 - 3	3	3	1									
3 - 4	3	4	1									
4 - 5	4	5	1									
5 - 6	5	6	1									
6 - 7	6	7	1									
7 - 8	7	8	1									
8 - 9	8	9	1									
9 - 10	9	10	1									
10 - 11	10	11	1									
11 - 12	11	12	1									
AM TOTAL	224	3	17	2	8.5	4	1	1	2.3	.8	11.5	6
PM TOTAL	224	3	17	2	8.5	4	1	1	2.3	.8	11.5	6
DAY TOTAL	224	3	17	2	8.5	4	1	1	2.3	.8	11.5	6

260  
273  
2-Axle Equivalent

04-14-08 THRU 04-18-08

AVERAGE WEEKDAY CLASSIFICATION VOLUMES	CARS PICKUPS	BUS MED	SINGLE UNITS 4+	DOUBLE UNITS 4-5	DOUBLE UNITS 6+	DOUBLE UNITS 7+	TRAINS 6	TRAINS 7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
AVG WEEKDAY VOLUME	2313	10	157	20	3	7.4	9	6	1	1	1	5
TOTAL HOURS FOR COUNT	92											
3 DAYS	2560											
AVG WEEKDAY VOL	2560											

92  
2560 X SEASONAL ADJ. FACTOR 1.0000 = ESTIMATED AVG DAILY TRAFFIC 2560

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

SR 500	MP 013.84	OFF SYSTEM ID.	LEG 2	DIRECTION OF TRAFFIC	BOTH WAYS	LANE ALL OF									
COUNT IDENTIFIER	HPMS	COUNTER NUMBER	165878	DESCRIPTION: ON SR 500 E/O NE 28TH ST											
04-14-08															
MONDAY															
AM HOURS	CARS PICKUPS	BUS	SINGLE MED	UNITS HVY	4+	SINGLE UNIT %	DOUBLE UNITS 4-5	DOUBLE UNITS 6+	DOUBLE UNIT %	5-6	TRAINS 7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
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	187	1	29	2	1	14.9	2	1	1.1		2	.7	14.9	1	221
1 - 2	244		33	3		12.6							14.4		285
2 - 3	286	5	56			17.5							17.5	1	348
3 - 4	357	3	69	1		16.9	1		.2				17.2		431
4 - 5	403		45	1		10.2	3		.7		1	.2	11.0	1	453
5 - 6	297		40			12.6							12.6		341
6 - 7	199		24			10.6	3		1.3				11.9	1	226
7 - 8	170		19			9.9	2		1.0				10.9	1	192
8 - 9	119		11			8.3	3		2.3				10.5		133
9 - 10	59		12			16.7							16.7	1	72
10 - 11	43		6			12.2							12.2		49
11 - 12															
AM TOTAL	2364	9	344	10	1	13.2	14	1	.5		3	.1	13.9	5	2751
PM TOTAL	2364	9	344	10	1	13.2	14	1	.5		3	.1	13.9	5	2751
DAY TOTAL	2364	9	344	10	1	13.2	14	1	.5		3	.1	13.9	5	2780

2-AXLE EQUIVALENT

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

SR 500	MP 013.84	OFF SYSTEM ID.	LEG 2	DIRECTION OF TRAFFIC	BOTH WAYS	LANE ALL	OF								
COUNT IDENTIFIER	HPMS	COUNTER NUMBER	165878	DESCRIPTION: ON SR 500 E/O NE 28TH ST											
04-15-08															
TUESDAY															
AM HOURS	CARS PICKUPS	BUS	SINGLE MED	UNITS HVY	4+	SINGLE UNIT %	DOUBLE 4-5	UNITS 6+	DOUBLE UNIT %	5-6	TRAINS 7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
12 - 1	26		1	2		13.3							3.6	1	28
1 - 2	10					7.1							31.6	1	14
2 - 3	13	1	10	1		26.0							26.0		10
3 - 4	25		20			24.3							20.6		15
4 - 5	57	1	51	1		20.6			.9				25.2	1	77
5 - 6	166	3	166	3		22.2							25.1	1	222
6 - 7	281	3	48	8	1	21.2			2.3				24.1	3	355
7 - 8	199	3	47	4		21.8			3.3				25.1	2	266
8 - 9	180	1	40	5	1	14.1			1.8				16.4	2	241
9 - 10	156		30			22.0			1.6				20.6	1	211
10 - 11	182	2	37	3		19.3			.9				17.9	1	220
11 - 12	172	2	43	2		16.8			.7				19.9	1	245
PM HOURS	236	3	63	2	1	18.5			1.4				17.6	3	218
1 - 2	289	2	56	2		12.2			.5				12.6	1	291
2 - 3	318	3	51	2		16.8			.3				17.1	1	362
3 - 4	380		27			10.4			.8				9.6	2	387
4 - 5	260		27	2		9.0			.6				9.4	2	435
5 - 6	227		16			9.4			.8				12.8	2	316
6 - 7	159	1	12			5.9							5.9	2	259
7 - 8	125		11			20.6			1.5				16.1	1	178
8 - 9	74		3			17.1			.9				18.4	2	139
9 - 10	46					21			1.1				16.1	1	86
10 - 11						6							16.1	1	51
11 - 12						5							16.1	1	1697
AM TOTAL	1307	11	316	22	1	20.6	17	6	2	1.5	4	.2	22.3	11	2967
PM TOTAL	2470	13	420	15	1	15.1	21	5	2	.9	4	.1	16.1	18	
DAY TOTAL	3777	24	736	37	2	17.1	38	11	2	1.1	8	.2	18.4	29	4664
															4763

2-AXLE EQUIVALENT

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

SR 500 MP 013.84 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC BOTH WAYS LANE ALL OF

COUNT IDENTIFIER HPMS COUNTER NUMBER 165878 DESCRIPTION: ON SR 500 E/O NE 28TH ST

DAY	AM TOTAL	PM TOTAL	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
04-16-08	1352	2571	20	1	1	1	4.8	1	1	1	8.3	1	2	1	1.0	4.8	2	21
WEDNESDAY	1352	2571	20	1	1	1	4.8	1	1	1	8.3	1	2	1	1.0	4.8	2	21
AM HOURS	1352	2571	20	1	1	1	4.8	1	1	1	8.3	1	2	1	1.0	4.8	2	21
12 -	1	1	7	1	1	1	12.5	1	1	1	10.0	1	1	1	1.0	12.5	1	8
1 -	2	2	9	1	1	1	10.0	1	1	1	8.3	1	1	1	1.0	10.0	1	10
2 -	3	3	11	1	1	1	8.3	1	1	1	2.8	1	1	1	1.0	8.3	1	12
3 -	4	4	21	1	1	1	1.3	1	1	1	1.3	1	1	1	1.0	36.1	2	36
4 -	5	5	58	1	1	1	28.5	1	1	1	1.3	1	1	1	1.0	26.6	5	79
5 -	6	6	178	1	1	1	28.5	1	1	1	1.3	1	1	1	1.0	28.5	5	256
6 -	7	7	306	3	2	2	17.4	3	2	2	1.3	1	2	1	1.0	19.7	3	385
7 -	8	8	219	6	3	3	19.1	6	2	2	2.7	1	1	1	1.0	22.9	7	293
8 -	9	9	182	5	3	3	16.7	5	2	2	1.3	1	2	2	1.0	18.9	2	227
9 -	10	10	162	3	3	3	20.9	4	3	3	3.2	1	1	1	1.0	25.0	3	220
10 -	11	11	179	2	2	2	24.0	3	3	1	1.7	1	1	1	1.0	25.6	1	242
11 -	12	12	204	2	1	1	22.6	1	2	1	1.1	1	1	1	1.0	23.7	5	274
PM HOURS	204	169	1	2	1	1	16.7	1	1	1	1.1	1	1	1	1.0	17.6	23	233
12 -	1	1	169	3	2	2	16.7	3	2	2	1.4	1	1	1	1.0	17.6	23	233
1 -	2	2	238	2	2	2	17.3	5	1	1	1.7	1	1	1	1.0	19.3	4	300
2 -	3	3	284	2	2	2	16.7	2	2	2	1.6	1	1	1	1.0	18.4	4	353
3 -	4	4	347	1	1	1	14.3	3	1	1	1.0	1	1	1	1.0	15.3	2	412
4 -	5	5	374	1	1	1	13.1	4	1	1	0.9	1	1	1	1.0	14.0	3	443
5 -	6	6	309	1	2	2	11.8	2	2	2	0.6	1	1	1	1.0	12.4	3	356
6 -	7	7	198	1	1	1	13.6	1	1	1	0.4	1	1	1	1.0	14.0	4	235
7 -	8	8	159	1	1	1	9.7	2	2	2	1.1	1	1	1	1.0	10.8	6	185
8 -	9	9	154	1	1	1	10.3	1	1	1	0.6	1	1	1	1.0	10.9	2	175
9 -	10	10	83	1	1	1	5.6	1	1	1	1.1	1	1	1	1.0	6.7	1	90
10 -	11	11	52	1	1	1	8.6	1	1	1	1.1	1	1	1	1.0	8.6	1	58
11 -	12	12	52	1	1	1	8.6	1	1	1	1.1	1	1	1	1.0	8.6	1	58
DAY TOTAL	3923	33	764	19	6	16.8	40	15	1	1.1	2	5	10	0.3	18.3	85	4903	
AM TOTAL	1352	23	334	10	6	20.8	18	11	1	1.7	2	4	5	0.6	23.1	23	1789	
PM TOTAL	2571	10	430	9	6	14.4	22	4	1	0.8	1	1	5	0.2	15.4	62	3114	
2-AXLE EQUIVALENT	3923	33	764	19	6	16.8	40	15	1	1.1	2	5	10	0.3	18.3	85	4903	



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

SR 500 MP 013.84 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC BOTH WAYS LANE ALL OF

COUNT IDENTIFIER HPMS COUNTER NUMBER 165878 DESCRIPTION: ON SR 500 E/O NE 28TH ST

04-17-08 THURSDAY AM HOURS	CARS PICKUPS	BUS	SINGLE MED	SINGLE HVT	4+	SINGLE UNIT %	DOUBLE 4-	DOUBLE 5	DOUBLE 6+	DOUBLE UNIT %	5-	6	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
1	29		2			6.5									6.5		31
2	14		1			6.7									6.7		15
3	7		1			12.5									12.5		8
4	6		2			25.0									25.0		8
5	18		7			26.9									26.9		26
6	64		21			22.6	1		1	2.2				24.7		93	
7	166		51	4		24.0	1		1	.9				25.8		229	
8	318	6	66	2		18.5	3	1	2	1.5				20.3		400	
9	196	6	44	5		21.2	2	1		1.2				22.4		259	
10	210	2	37	4	1	16.0	5	2		2.7				18.7		262	
11	149	2	53	2		27.5	2			.9				29.4		211	
12	179		50	3		22.6								23.4		235	
PM HOURS																	
1	204	2	53	2		21.5		2		.8				22.6	1	265	
2	167	1	41	3		20.9	1			.5				21.9	1	215	
3	255	3	57	3		19.4	2			.6				20.4	3	324	
4	296	4	59	4		18.0	4	1		1.3				19.6	3	372	
5	344	2	66	3	1	17.0	1			.2				17.3	6	423	
6	403	1	63	3		13.6	3		1	.6				14.4	6	478	
7	320		38	2		10.9	3			1.1				12.3	2	367	
8	249		33			11.4	2			.7				12.1	5	289	
9	209		22			9.3	4			1.7				11.0	1	236	
10	148		11			6.7	4			1.8				8.6	1	163	
11	104	1	5			5.3	3							5.3	4	114	
12	40		5			10.9								10.9	1	46	
AM TOTAL	1356	14	335	20	2	20.9	14	5	3	1.2	2		7	22.5	21	1777	
PM TOTAL	2739	14	453	18	1	14.8	23	3	1	.8	2		4	15.8	34	3292	
DAY TOTAL	4095	28	788	38	3	16.9	37	8	4	1.0	2		11	18.1	55	5069	

2-AXLE EQUIVALENT

SR 500 MP 013.84 OFF SYSTEM ID. LEG 2 DIRECTION OF TRAFFIC BOTH WAYS LANE ALL OF  
 COUNT IDENTIFIER HPMS COUNTER NUMBER 165878 DESCRIPTION: ON SR 500 E/O NE 28TH ST

04-18-08	CARS PICKUPS	BUS MED	SINGLE HVY	4+	SINGLE UNIT %	DOUBLE UNITS	4-5	6+	DOUBLE UNIT %	5-6	7+	TRAIN %	TRUCK %	CLASS UNKNOWN	TOTAL VEHICLES
FRIDAY AM HOURS	27		1		4.8								4.8	1	28
1 - 1	19		1		9.1								9.1	1	21
2 - 2	10		3		37.5								37.5	2	8
3 - 3	5		9		37.0								37.0	3	27
4 - 4	15	1	15	1	22.5	1			2.8				25.4	3	71
5 - 5	50		52		26.5	2			1.0				27.9	1	204
6 - 6	147	2	64	1	19.5	3			1.1				21.2	1	353
7 - 7	277	4													
8 - 8															
9 - 9															
10 - 10															
11 - 11															
12 - 12															
AM TOTAL	550	7	145	2	21.3	6	1	1	1.1				22.8	8	723
PM TOTAL															
DAY TOTAL	550	7	145	2	21.3	6	1	1	1.1			.4	22.8	8	723

04-14-08 THRU 04-18-08  
 AVERAGE WEEKDAY CLASSIFICATION VOLUMES \*\*\*\*\*  
 CARS PICKUPS | BUS MED HVY | SINGLE UNIT % | DOUBLE UNITS | 4-5 | 6+ | DOUBLE UNIT % | 5-6 | 7+ | TRAIN % | TRUCK % | CLASS UNKNOWN | TOTAL VEHICLES  
 3932 | 28 | 763 | 31 | 4 | 16.9 | 38 | 11 | 2 | 2 | 1.0 | 1 | .3 | 18.2 | 56 | 4879  
 3 DAYS | 4879 X SEASONAL ADJ. FACTOR 1.0000 = ESTIMATED AVG DAILY TRAFFIC 4879  
 AVG WEEKDAY VOLUME 3932  
 TOTAL HOURS FOR COUNT 91  
 FACTOR GROUP GR-05  
 PEAK HOUR PERCENTAGES: K = 9.80 D = 59.41 T = 14.44  
 PEAK HOUR LOCATION : VOLUME = 478 DATE: 04/17/08 TIME: 05:00 PM

*Note: Bus/med high WB*