

ROADWAY SURVEY FIELD SHEET

TS Project # 02308 Map _____ Grid _____ Start Time 08:15 # Of Days 3

Location: WASHOUGAL, WA
EVERGREEN ST BROWN 34TH & 32ND
 Location ID: _____

Type Of Survey:
 Volume
 Speed
 Classification

Start Date: 6/3/2 Counters 2
 S M T W T F S
 End Date: 6/5/2 Tubes 4
 S M T W T F S

SITE EVALUATION			POSTED SPEED		DWELL TIME																																									
Vehicles Crossing Tube Perpendicular	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	???	<input type="checkbox"/> None	<input checked="" type="checkbox"/> 40 Mph	<table border="1"> <thead> <tr> <th>LOWEST SPEED</th> <th colspan="5">HIGHEST SPEED</th> <th>(TAD, TBD)</th> </tr> <tr> <th>MPH</th> <th>10-20</th> <th>15-30</th> <th>25-40</th> <th>35-45</th> <th>> 45</th> <th></th> </tr> </thead> <tbody> <tr> <td>Standing Queue</td> <td>200</td> <td>130</td> <td>100</td> <td>80</td> <td>40</td> <td><u>A</u></td> </tr> <tr> <td>5 - 10 MPH</td> <td>130</td> <td>90</td> <td>70</td> <td>60</td> <td>40</td> <td><u>B</u></td> </tr> <tr> <td>> 10 MPH</td> <td>100</td> <td>80</td> <td>60</td> <td>60</td> <td>60</td> <td><u>M</u></td> </tr> </tbody> </table>						LOWEST SPEED	HIGHEST SPEED					(TAD, TBD)	MPH	10-20	15-30	25-40	35-45	> 45		Standing Queue	200	130	100	80	40	<u>A</u>	5 - 10 MPH	130	90	70	60	40	<u>B</u>	> 10 MPH	100	80	60	60	60	<u>M</u>
LOWEST SPEED	HIGHEST SPEED					(TAD, TBD)																																								
MPH	10-20	15-30	25-40	35-45	> 45																																									
Standing Queue	200	130	100	80	40	<u>A</u>																																								
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> 10 MPH	100	80	60	60	60	<u>M</u>																																								
Do You Anticipate Queuing Across Tube	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 25 Mph	<input type="checkbox"/> 45 Mph	DWELL (TAD, TBD) <u>60</u> Use 2 Counters if Traffic Conditions are different in each direction.																																								
Speed Greater Than 20 Miles / Hour	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 30 Mph	<input type="checkbox"/> 50 Mph																																									
Tube Crosses No More Than 2 Lanes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 35 Mph	<input type="checkbox"/> 55 Mph																																									
SPEED: High _____ Mph Low _____ Mph			<input type="checkbox"/> Other: _____																																											

VEHICLE STROKE COUNT					SYSTEM DELAY LOGIC		SPEED CLASS. LOGIC			VEHICLE SPEED / CLASSIFICATION			
<u>G</u>	<u>M</u>	<u>D</u>	<u>A</u>	<u>B</u>	<u>D</u>	<u>G</u>	<u>M</u>	<u>B</u>	<u>M</u>	<u>B</u>	<u>G</u>	<u>L</u>	
<input type="checkbox"/> Tube equal length <input type="checkbox"/> Use proper spacing					<input type="checkbox"/> One Lane only except Low Volume Speed Surveys ADT 2,000								

COUNTER/SET DOWN

Type: MC

No.: 25, 73

Box: _____

Tube Length: 40'

Hammer Test

CHECK	DATE	TIME
P F		
P F		
P F		
P F		
P F		

PICK-UP

Hammer Test

Date: 6/5/2 Time: 16:15

FILE NAMES

05EVER25

05EVER73

DIRECTION: East Bound West Bound North Bound South Bound Approach

COMBINED: East / West North / South DRIVEWAY: Combined In-Bound Out-Bound

ROAD CONDITION: Dry Wet Asphalt Concrete Broken Rutted Curved

REDUNDANT SET-UP

Remarks: _____

WEATHER: Sunny Overcast Rain Snow

25 A) 20,137
 B) 41,932
73 A) 20,092
 B) 42,097

Surveyed By: MS

TRAFFIC SMITHY
 Traffic Survey And Data Collection
 1225 NW Murray Blvd. Suite 111
 Portland, OR 97229
 503/641-6333 - Fax: 503/643-8866

ROADWAY TRAFFIC SURVEY

Roadway: EVERGREEN
 Location: BETWEEN 34TH AND 32D
 Direction: WEST BOUND
 Date: 6/3/2
 Day of Week: MONDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service

Hour of Day	:00-:05	:05-:10	:10-:15	:15-:20	:20-:25	:25-:30	:30-:35	:35-:40	:40-:45	:45-:50	:50-:55	:55-:00	Hour Tot.
00-01	0	0	0	0	0	0	0	0	0	0	0	0	0
01-02	0	0	0	0	0	0	0	0	0	0	0	0	0
02-03	0	0	0	0	0	0	0	0	0	0	0	0	0
03-04	0	0	0	0	0	0	0	0	0	0	0	0	0
04-05	0	0	0	0	0	0	0	0	0	0	0	0	0
05-06	0	0	0	0	0	0	0	0	0	0	0	0	0
06-07	0	0	0	0	0	0	0	0	0	0	0	0	0
07-08	0	0	0	0	0	0	0	0	0	0	0	0	0
08-09	0	0	10	26	16	19	23	24	24	27	14	24	207
09-10	16	19	22	13	27	14	24	18	18	21	18	13	223
10-11	20	17	18	14	13	19	18	13	21	15	18	19	205
11-12	23	12	20	11	14	19	17	15	16	20	19	20	206
12-13	29	18	18	16	27	15	17	25	10	13	23	9	220
13-14	18	16	13	6	18	18	17	9	16	18	20	17	186
14-15	12	13	21	16	13	11	43	42	28	24	27	33	283
15-16	24	36	46	32	24	26	30	40	41	25	26	37	387
16-17	20	22	32	18	16	27	20	27	27	34	19	21	283
17-18	26	28	23	26	18	25	26	30	26	25	26	21	300
18-19	18	20	15	13	12	21	19	22	19	15	19	16	209
19-20	16	19	17	15	15	7	13	9	12	12	9	20	164
20-21	10	16	23	24	26	16	15	22	18	4	5	8	187
21-22	10	8	6	5	12	6	6	6	2	4	7	6	78
22-23	4	8	8	0	2	2	1	6	7	6	4	5	53
23-24	3	0	0	3	0	0	3	1	2	1	0	0	13

Daily Total:
 AM Peak Hour () % of Daily Total
 PM Peak Hour () % of Daily Total
 4th Highest Hour () % of Daily Total
 8th Highest Hour () % of Daily Total

ROADWAY TRAFFIC SURVEY

Roadway: EVERGREEN
 Location: BETWEEN 34TH AND 32D
 Direction: WEST BOUND
 Date: 6/4/2
 Day of Week: TUESDAY
 Axles per Vehicles: 2

Traffic Smithy
Traffic Survey Service

Hour of Day	:00-:05	:05-:10	:10-:15	:15-:20	:20-:25	:25-:30	:30-:35	:35-:40	:40-:45	:45-:50	:50-:55	:55-:00	Hour Tot.
00-01	1	0	0	0	1	1	0	2	0	5	1	1	12
01-02	0	0	1	1	1	0	0	1	0	0	0	0	4
02-03	1	0	0	0	0	0	1	0	0	0	0	1	3
03-04	2	1	1	2	0	1	2	0	0	2	1	0	12
04-05	2	2	1	3	2	4	6	1	2	2	5	10	40
05-06	5	4	9	6	7	11	13	11	9	9	19	11	114
06-07	5	23	21	18	28	18	24	25	24	29	18	26	259
07-08	27	16	31	17	35	26	27	32	28	41	33	44	357
08-09	19	20	13	23	20	16	25	31	22	27	17	20	253
09-10	28	18	15	17	15	17	23	12	26	23	15	14	223
10-11	18	17	11	17	20	13	11	18	16	14	19	21	195
11-12	23	30	28	15	10	17	21	22	10	19	12	20	227
12-13	18	21	26	21	18	17	16	13	19	24	23	30	246
13-14	15	22	23	15	23	14	23	18	17	22	22	21	235
14-15	13	20	23	23	15	18	28	34	47	28	17	38	304
15-16	21	19	18	26	35	25	36	28	34	21	21	37	321
16-17	26	29	16	22	23	22	25	31	18	35	35	29	311
17-18	28	25	28	14	29	28	28	30	28	15	31	22	306
18-19	19	20	22	19	13	11	26	19	12	11	27	19	218
19-20	13	15	14	20	25	16	14	8	7	11	12	14	169
20-21	16	15	11	10	12	11	10	8	10	8	8	15	134
21-22	7	11	8	10	10	3	10	5	4	3	1	4	76
22-23	8	3	4	3	4	5	9	5	2	6	7	5	61
23-24	6	5	4	2	2	3	2	4	1	3	2	0	34

Daily Total: 4114

AM Peak Hour (07:00-08:00)	357	8.68 % of Daily Total
PM Peak Hour (14:35-15:35)	344	8.36 % of Daily Total
4th Highest Hour (17:00-18:00)	306	7.44 % of Daily Total
8th Highest Hour (12:00-13:00)	246	5.98 % of Daily Total

ROADWAY TRAFFIC SURVEY

Roadway: EVERGREEN
 Location: BETWEEN 34TH AND 32D
 Direction: WEST BOUND
 Date: 6/5/2
 Day of Week: WEDNESDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service

Hour of Day	:00- :05	:05- :10	:10- :15	:15- :20	:20- :25	:25- :30	:30- :35	:35- :40	:40- :45	:45- :50	:50- :55	:55- :00	Hour Tot.
00-01	2	1	0	1	2	3	2	1	0	1	0	1	14
01-02	0	0	1	0	0	1	1	1	0	0	0	0	4
02-03	0	0	0	0	1	0	0	0	1	0	2	1	5
03-04	1	0	0	1	2	1	1	0	1	3	4	2	16
04-05	1	0	0	3	4	5	0	2	1	3	3	7	29
05-06	9	8	7	3	7	11	9	12	12	7	13	6	104
06-07	12	18	14	18	28	19	22	17	24	25	21	25	243
07-08	20	23	22	19	25	21	35	38	33	44	40	33	353
08-09	25	19	20	19	21	26	24	19	21	25	21	20	260
09-10	26	14	23	17	17	22	16	23	20	18	14	28	238
10-11	16	16	13	14	7	18	14	18	10	14	18	19	177
11-12	32	19	20	11	18	22	21	31	19	28	27	16	264
12-13	11	23	15	17	24	16	15	18	29	21	22	30	241
13-14	20	18	17	15	18	11	17	25	16	23	19	19	218
14-15	19	11	14	30	22	17	40	43	30	31	30	21	308
15-16	25	26	25	30	26	31	32	25	22	26	30	24	322
16-17	0	0	0	0	0	0	0	0	0	0	0	0	0
17-18													
18-19													
19-20													
20-21													
21-22													
22-23													
23-24													

Daily Total:
 AM Peak Hour () % of Daily Total
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 4th Highest Hour () % of Daily Total
 8th Highest Hour () % of Daily Total

ROADWAY TRAFFIC SURVEY

Roadway: EVERGREEN
 Location: BETWEEN 34TH AND 32D
 Direction: EAST BOUND
 Date: 6/3/2
 Day of Week: MONDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service

Hour of Day	:00- :05	:05- :10	:10- :15	:15- :20	:20- :25	:25- :30	:30- :35	:35- :40	:40- :45	:45- :50	:50- :55	:55- :00	Hour Tot.
00-01	0	0	0	0	0	0	0	0	0	0	0	0	0
01-02	0	0	0	0	0	0	0	0	0	0	0	0	0
02-03	0	0	0	0	0	0	0	0	0	0	0	0	0
03-04	0	0	0	0	0	0	0	0	0	0	0	0	0
04-05	0	0	0	0	0	0	0	0	0	0	0	0	0
05-06	0	0	0	0	0	0	0	0	0	0	0	0	0
06-07	0	0	0	0	0	0	0	0	0	0	0	0	0
07-08	0	0	0	0	0	0	0	0	0	0	0	0	0
08-09	0	0	3	16	13	20	21	13	24	28	14	18	170
09-10	12	17	14	19	22	15	18	19	13	6	16	11	182
10-11	6	18	15	21	18	20	17	18	21	15	21	15	205
11-12	12	16	12	33	25	19	25	17	35	26	16	24	260
12-13	16	21	14	23	20	16	23	19	27	18	17	21	235
13-14	13	21	24	18	16	22	16	21	21	23	21	11	227
14-15	21	19	30	23	23	41	22	28	28	22	29	28	314
15-16	20	23	37	33	40	53	37	29	25	38	32	31	398
16-17	31	21	34	27	39	32	28	43	41	46	34	48	424
17-18	41	45	53	59	43	37	36	37	42	33	41	36	503
18-19	34	36	26	35	42	31	26	20	32	24	22	20	348
19-20	26	22	26	19	27	14	15	18	15	14	20	22	238
20-21	17	17	17	14	13	21	17	12	17	19	24	15	203
21-22	11	21	11	15	13	19	14	14	9	12	13	7	159
22-23	8	5	11	15	7	5	6	12	6	7	5	4	91
23-24	2	3	5	3	2	0	3	5	3	2	5	4	37

Daily Total:
 AM Peak Hour () % of Daily Total
 PM Peak Hour () % of Daily Total
 4th Highest Hour () % of Daily Total
 8th Highest Hour () % of Daily Total

ROADWAY TRAFFIC SURVEY

Roadway: EVERGREEN
 Location: BETWEEN 34TH AND 32D
 Direction: EAST BOUND
 Date: 6/4/2
 Day of Week: TUESDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service

Hour of Day	:00-:05	:05-:10	:10-:15	:15-:20	:20-:25	:25-:30	:30-:35	:35-:40	:40-:45	:45-:50	:50-:55	:55-:00	Hour Tot.
00-01	3	2	3	1	4	2	0	2	2	2	0	2	23
01-02	1	1	2	0	0	2	0	0	1	2	0	2	11
02-03	2	2	0	0	0	1	0	0	0	0	0	0	5
03-04	0	1	0	0	1	2	1	1	0	0	0	0	6
04-05	0	0	1	3	0	2	1	0	0	2	1	2	12
05-06	1	4	1	0	3	4	2	2	3	3	4	2	29
06-07	2	4	4	7	3	6	11	8	12	16	19	16	108
07-08	11	9	20	19	22	30	35	34	37	40	24	22	303
08-09	12	17	14	15	15	15	24	21	20	20	25	10	208
09-10	11	15	13	19	13	13	12	6	13	8	21	11	155
10-11	17	15	15	22	21	14	24	11	24	13	17	12	205
11-12	23	16	17	19	26	23	24	19	19	25	30	27	268
12-13	18	22	28	28	20	23	20	27	22	23	22	17	270
13-14	13	21	31	22	14	13	15	22	13	23	13	17	217
14-15	14	27	30	20	35	32	30	27	22	21	25	27	310
15-16	26	30	23	14	39	38	33	31	28	48	33	38	381
16-17	33	29	24	36	24	31	40	35	39	32	32	26	381
17-18	31	43	54	43	51	36	39	32	33	46	37	29	474
18-19	43	29	20	25	34	22	32	24	27	26	30	26	338
19-20	30	26	23	15	15	19	15	17	26	26	18	22	252
20-21	26	16	23	16	11	14	26	21	17	11	10	15	206
21-22	11	13	10	12	17	21	16	16	13	13	6	7	155
22-23	14	6	12	8	9	5	3	7	7	6	12	5	94
23-24	1	2	3	2	5	6	6	4	5	4	5	3	46

Daily Total: 4457

AM Peak Hour (07:10-08:10)	312	7	% of Daily Total
PM Peak Hour (17:05-18:05)	486	10.9	% of Daily Total
4th Highest Hour (18:00-19:00)	338	7.58	% of Daily Total
8th Highest Hour (11:00-12:00)	268	6.01	% of Daily Total

ROADWAY TRAFFIC SURVEY

Roadway: EVERGREEN
 Location: BETWEEN 34TH AND 32D
 Direction: EAST BOUND
 Date: 6/5/2
 Day of Week: WEDNESDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service

Hour of Day	:00- :05	:05- :10	:10- :15	:15- :20	:20- :25	:25- :30	:30- :35	:35- :40	:40- :45	:45- :50	:50- :55	:55- :00	Hour Tot.
00-01	1	0	2	0	0	8	3	1	1	3	0	0	19
01-02	3	0	1	2	3	1	3	1	0	1	0	1	16
02-03	2	0	0	0	1	1	0	1	0	3	0	0	8
03-04	0	1	0	0	0	4	0	0	1	0	0	1	7
04-05	0	0	2	0	1	0	0	0	1	1	4	2	11
05-06	0	3	1	0	3	0	1	1	2	2	2	0	15
06-07	3	2	5	5	5	4	8	15	20	10	16	15	108
07-08	13	15	18	15	20	32	30	36	41	29	26	17	292
08-09	16	9	18	9	13	23	19	13	29	26	20	24	219
09-10	21	13	17	11	16	9	12	20	13	10	15	5	162
10-11	10	14	20	17	21	16	16	20	17	15	25	20	211
11-12	17	14	24	24	27	22	16	26	27	21	21	31	270
12-13	36	27	17	23	22	19	26	21	23	17	29	22	282
13-14	22	23	19	25	14	21	30	23	15	20	19	13	244
14-15	15	24	20	37	32	23	19	31	33	18	24	27	303
15-16	25	23	25	20	27	26	36	45	28	28	20	48	351
16-17	0	0	0	0	0	0	0	0	0	0	0	0	0
17-18													
18-19													
19-20													
20-21													
21-22													
22-23													
23-24													

Daily Total:
 AM Peak Hour () % of Daily Total
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 8th Highest Hour () % of Daily Total

