

# Roadway Survey Field Sheet

TS Project # \_\_\_\_\_ Map \_\_\_\_\_ Grid \_\_\_\_\_ Start Time 1:45 # Of Days \_\_\_\_\_

Location: 164TH + EVERGREEN HWY  
 Location ID: \_\_\_\_\_ City: VANCOUVER

Type of Survey:  
 Volume  
 Speed  
 Classification

Start Date: 9/29/03  
 End Date: 10/02/03

S M T W T F S  
 S M T W T F S

Counters \_\_\_\_\_  
 Tubes \_\_\_\_\_

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

AXLE STRIKE COUNT	SYSTEM / DELAY LOGIC	SPEED LOGIC	VEHICLE SPEED / CLASSIFICATION
G M D A B	D	G M B	M B G L
<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: AMAX MC.  
 No. 25/26 40  
 Box 43/44 X36  
 Tube Length 40

Hammer Test

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

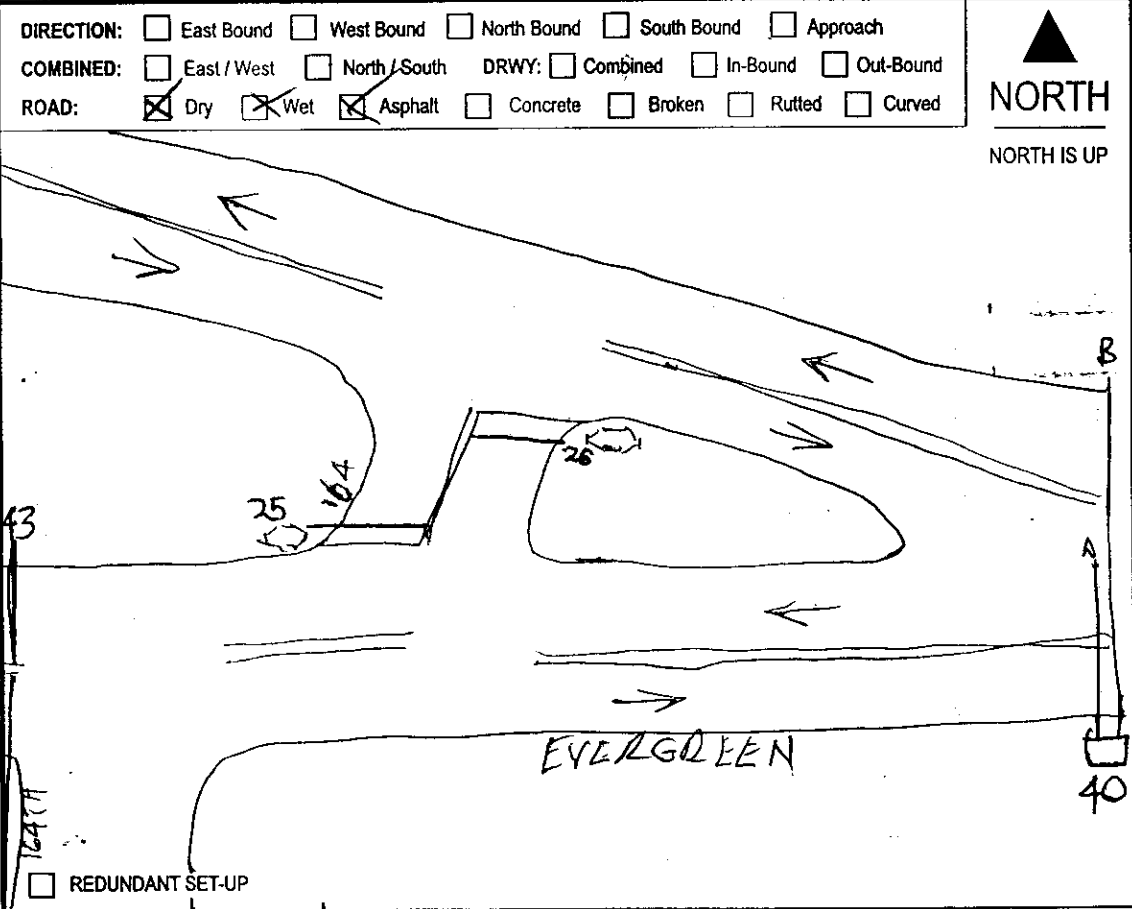
**PICK-UP**

Hammer Test

Date: 10/02/03 Time: 3:30

**FILE NAMES**

02164N25  
02164S26  
02ERNW43  
02ERNE44  
02ERNE40



Remarks: \_\_\_\_\_ WEATHER:  Sunny  Overcast  Rain  Snow

Surveyed By: M.P.

**TRAFFIC SMITHY, Inc.**  
 1225 NW Murray Blvd. Suite 111  
 Portland, OR 97229  
 Phone: 503/641-6333 - Fax: 503/643-8866

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 1225 NW MURRAY BLVD SUITE 111  
 PORTLAND, OR 97229  
 Phone: 503-641-6333 Fax: 503-643-8866

Roadway: 164TH AVENUE  
 Location: NORTH OF EVERGREEN

Date: 09/30/03  
 Day of Week: Tuesday

SB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	0	0	0	3	1	0	2	0	1	2	1	0	10
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	1	0	1
03:00	0	0	0	0	0	0	1	0	0	1	0	2	4
04:00	2	0	0	0	0	2	3	1	0	0	4	2	14
05:00	1	2	0	0	0	0	5	2	5	0	3	4	22
06:00	5	3	4	6	5	5	11	5	13	3	12	8	80
07:00	12	12	18	7	18	16	18	19	17	16	13	6	172
08:00	7	17	18	8	10	10	8	8	8	8	7	9	118
09:00	7	14	11	17	10	14	8	10	7	10	18	6	132
10:00	14	10	15	16	6	14	9	8	12	4	9	4	121
11:00	14	9	12	19	8	7	12	9	10	8	10	16	134
12:00	6	17	20	6	5	17	10	6	13	18	10	14	142
13:00	5	12	12	2	11	10	12	18	19	9	8	13	131
14:00	17	10	14	8	14	9	13	15	11	17	9	11	148
15:00	12	13	6	8	11	12	25	9	16	17	5	18	152
16:00	11	14	16	13	12	9	10	17	8	14	13	13	150
17:00	11	8	10	13	16	16	15	14	6	14	0	12	135
18:00	11	21	13	9	15	4	16	11	13	11	12	5	141
19:00	3	4	8	15	5	6	6	3	4	1	4	4	63
20:00	1	2	4	9	5	5	4	1	5	3	3	5	47
21:00	1	3	3	2	1	0	4	3	2	2	5	1	27
22:00	1	2	1	0	0	0	2	0	0	4	3	4	17
23:00	1	1	1	2	2	0	0	0	0	0	0	0	7

Daily Total: 1968

AM Peak Hour: 174 (06:55 - 07:55)

8.84% Of Daily Total

PM Peak Hour: 168 (15:25 - 16:25)

8.53% Of Daily Total

4th Highest Hour: 148 (14:00 - 15:00)

7.52% Of Daily Total

8th Highest Hour: 134 (11:00 - 12:00)

6.80% Of Daily Total

**TRAFFIC SMITHY, INC**  
 1225 NW MURRAY BLVD SUITE 111  
 PORTLAND, OR 97229  
 Phone: 503-641-6333 Fax: 503-643-8866

Roadway: 164TH AVENUE  
 Location: NORTH OF EVERGREEN

Date: 09/30/03  
 Day of Week: Tuesday

NB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	3	0	1	1	1	2	0	1	1	0	3	0	13
01:00	2	2	0	0	0	2	0	0	0	0	0	1	7
02:00	0	1	0	0	0	0	0	0	0	0	2	2	5
03:00	0	0	0	1	0	0	0	0	0	0	0	0	1
04:00	1	0	0	0	0	1	1	0	0	1	0	3	7
05:00	0	0	0	0	2	0	0	0	2	2	1	2	9
06:00	0	3	2	0	2	3	3	2	3	0	8	12	38
07:00	10	8	30	28	39	44	37	47	41	45	28	14	371
08:00	9	11	10	4	16	7	14	7	5	7	10	9	109
09:00	12	5	5	11	10	7	15	18	3	4	10	16	116
10:00	8	13	7	9	3	6	9	9	8	11	6	4	93
11:00	12	10	11	12	7	11	4	13	10	11	13	6	120
12:00	9	13	11	13	16	9	11	8	5	9	11	10	125
13:00	8	11	3	13	12	10	17	5	14	1	8	0	102
14:00	1	2	0	0	0	0	0	0	1	1	0	0	5
15:00	1	2	4	1	0	1	0	1	2	1	0	1	14
16:00	1	0	2	1	11	7	17	12	5	11	8	7	82
17:00	3	5	0	4	2	1	3	2	0	1	2	1	24
18:00	1	1	3	0	0	1	0	0	1	0	1	0	8
19:00	0	0	2	0	3	1	0	1	0	0	0	0	7
20:00	1	1	2	0	1	1	1	0	0	0	2	0	9
21:00	0	1	1	0	0	2	0	1	0	0	1	0	6
22:00	0	0	1	2	0	0	1	0	1	0	0	0	5
23:00	0	0	0	1	0	0	0	0	0	0	0	0	1

Daily Total: 1277

AM Peak Hour: 373 (07:10 - 08:10)

PM Peak Hour: 125 (12:00 - 13:00)

4th Highest Hour: 116 (09:00 - 10:00)

8th Highest Hour: 82 (16:00 - 17:00)

29.2% Of Daily Total

9.78% Of Daily Total

9.08% Of Daily Total

6.42% Of Daily Total

**TRAFFIC SMITHY, INC**  
 1225 NW MURRAY BLVD SUITE 111  
 PORTLAND, OR 97229  
 Phone: 503-641-6333 Fax: 503-643-8866

Roadway: EVERGREEN  
 Location: EAST OF 164TH AVENUE

Date: 09/30/03  
 Day of Week: Tuesday

EB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	0	1	1	1	0	0	0	0	1	1	0	0	5
01:00	0	0	0	0	0	0	0	1	0	0	1	0	2
02:00	4	0	0	0	0	0	0	0	0	0	1	0	5
03:00	0	0	0	0	0	0	0	0	0	1	0	0	1
04:00	1	0	1	0	0	0	0	3	0	0	0	2	7
05:00	1	3	2	3	7	6	2	4	7	3	0	6	44
06:00	1	6	8	5	7	1	5	2	2	3	4	4	48
07:00	3	3	0	7	4	3	4	0	2	6	6	3	41
08:00	3	2	2	2	4	4	2	10	8	9	3	0	49
09:00	1	6	7	6	6	0	3	1	1	2	4	4	41
10:00	3	2	5	5	4	3	8	5	4	2	5	3	49
11:00	7	4	1	1	2	3	1	2	1	4	6	4	36
12:00	2	8	3	2	6	4	5	4	5	8	10	5	62
13:00	6	4	4	12	6	4	5	4	6	6	4	2	63
14:00	9	10	5	2	6	7	12	6	8	3	3	8	79
15:00	2	2	6	7	9	7	3	2	5	8	4	5	60
16:00	4	4	6	5	4	3	4	3	4	5	11	8	61
17:00	4	5	5	13	6	9	4	4	8	5	9	6	78
18:00	6	5	2	4	5	9	6	1	4	5	9	6	62
19:00	2	6	3	1	2	5	3	6	4	4	3	1	40
20:00	3	1	1	3	3	4	4	3	2	5	1	0	30
21:00	1	6	3	3	4	2	0	4	3	2	2	1	31
22:00	0	2	1	0	0	1	0	1	2	1	3	3	14
23:00	0	0	0	0	1	0	0	0	1	2	1	0	5

Daily Total: 913

AM Peak Hour: 62 (08:25 - 09:25)

6.79% Of Daily Total

PM Peak Hour: 82 (16:45 - 17:45)

8.98% Of Daily Total

4th Highest Hour: 62 (12:00 - 13:00)

6.79% Of Daily Total

8th Highest Hour: 49 (08:00 - 09:00)

5.36% Of Daily Total

**TRAFFIC SMITHY, INC**  
 1225 NW MURRAY BLVD SUITE 111  
 PORTLAND, OR 97229  
 Phone: 503-641-6333 Fax: 503-643-8866

Roadway: EVERGREEN  
 Location: EAST OF 164TH AVENUE

Date: 09/30/03  
 Day of Week: Tuesday

WB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	1	1	0	0	0	0	0	1	0	0	0	0	3
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	0	0	0	4	0	0	0	0	0	0	1	6
03:00	0	1	0	0	0	1	0	0	0	1	1	0	4
04:00	0	0	0	0	0	0	0	0	0	0	0	3	3
05:00	1	0	0	0	1	1	1	3	0	0	4	2	13
06:00	1	3	4	2	6	2	9	5	7	7	5	3	54
07:00	2	4	6	5	4	3	7	9	9	4	2	2	57
08:00	3	3	10	3	1	5	2	9	2	3	2	8	51
09:00	2	3	2	3	10	4	4	3	5	2	3	5	46
10:00	5	1	5	2	1	6	1	5	8	9	2	4	49
11:00	3	4	4	5	1	5	6	9	3	1	1	2	44
12:00	3	3	3	0	7	3	4	5	5	3	12	6	54
13:00	0	0	1	5	8	2	4	5	4	4	6	8	47
14:00	5	5	5	3	8	7	6	5	3	8	4	6	65
15:00	11	8	4	2	11	3	1	4	10	5	1	1	61
16:00	2	5	13	3	3	6	6	5	7	5	2	3	60
17:00	3	9	4	5	6	4	6	8	5	3	3	2	58
18:00	4	4	3	2	3	4	3	3	4	3	1	2	36
19:00	4	4	3	9	2	1	2	2	3	3	1	2	36
20:00	2	1	2	0	1	2	0	1	1	1	0	1	12
21:00	1	3	0	4	0	0	0	3	1	1	0	1	14
22:00	0	0	1	0	1	1	0	1	0	2	0	1	7
23:00	1	0	0	0	0	1	0	0	0	1	0	0	3

Daily Total: 783

AM Peak Hour: 64 (06:45 - 07:45)

8.17% Of Daily Total

PM Peak Hour: 75 (14:25 - 15:25)

9.57% Of Daily Total

4th Highest Hour: 58 (17:00 - 18:00)

7.40% Of Daily Total

8th Highest Hour: 51 (08:00 - 09:00)

6.51% Of Daily Total

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 Phone: 503-641-6333 Fax: 503-643-8866

Roadway: EVERGREEN  
 Location: WEST OF 164TH

Date: 09/30/03  
 Day of Week: Tuesday

EB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	0	0	1	1	1	0	1	1	0	2	0	1	8
01:00	0	1	0	0	0	0	0	1	0	0	0	0	2
02:00	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	1	0	1	1	0	0	1	0	1	5
04:00	2	1	0	0	0	2	2	1	0	3	3	2	16
05:00	0	1	0	0	1	0	4	1	3	0	0	5	15
06:00	4	2	4	4	3	3	9	4	7	1	9	9	59
07:00	8	8	7	7	12	10	12	10	8	11	8	5	106
08:00	5	13	8	7	7	9	6	9	6	5	5	7	87
09:00	7	9	7	11	8	13	5	6	6	6	13	3	94
10:00	10	10	10	11	4	13	5	7	8	4	8	5	95
11:00	7	5	8	9	6	6	4	6	6	3	8	8	76
12:00	6	11	14	4	2	11	5	5	7	10	8	7	90
13:00	6	7	9	4	5	8	8	14	12	5	10	9	97
14:00	10	10	10	6	13	8	8	9	11	9	6	9	109
15:00	7	9	4	8	11	9	11	9	10	16	1	14	109
16:00	9	6	13	7	9	6	8	11	9	8	14	10	110
17:00	8	8	6	18	12	12	12	9	7	13	3	10	118
18:00	7	15	11	11	13	5	13	7	14	8	5	5	114
19:00	3	3	5	9	3	10	6	1	5	1	3	4	53
20:00	2	4	4	7	6	4	7	1	5	4	5	5	54
21:00	4	5	1	5	3	0	4	1	6	1	3	2	35
22:00	1	3	2	0	0	0	2	3	0	2	3	6	22
23:00	0	1	0	3	2	1	0	0	0	0	0	0	7

Daily Total: 1482

AM Peak Hour: 111 (06:50 - 07:50)

7.48% Of Daily Total

PM Peak Hour: 129 (16:50 - 17:50)

8.70% Of Daily Total

4th Highest Hour: 109 (14:00 - 15:00)

7.35% Of Daily Total

8th Highest Hour: 95 (10:00 - 11:00)

6.41% Of Daily Total

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Roadway: EVERGREEN  
 Location: WEST OF 164TH

Date: 09/30/03  
 Day of Week: Tuesday

WB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	1	1	1	1	0	1	0	1	1	0	2	0	9
01:00	1	1	0	0	0	1	0	0	0	0	0	0	3
02:00	0	0	1	0	0	0	0	0	0	0	0	1	2
03:00	0	0	0	0	1	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	1	0	1	0	1	0	1	4
05:00	1	0	0	0	0	1	0	1	1	1	1	2	8
06:00	2	0	2	2	0	2	2	3	3	0	3	5	24
07:00	6	4	5	33	18	24	32	33	32	31	30	12	260
08:00	7	7	11	1	3	10	6	8	6	3	5	7	74
09:00	8	4	4	8	7	4	4	14	10	3	6	7	79
10:00	9	4	7	10	3	5	5	6	5	7	7	4	72
11:00	5	6	5	3	7	4	6	8	5	6	14	2	71
12:00	6	5	9	6	8	14	5	9	4	2	7	6	81
13:00	4	11	5	5	8	6	7	10	2	7	6	8	79
14:00	8	7	10	7	7	11	8	7	9	7	12	7	100
15:00	5	9	9	9	9	8	8	15	12	7	7	7	105
16:00	11	10	8	16	9	11	6	14	7	6	7	12	117
17:00	4	9	15	12	10	11	19	16	10	12	15	13	146
18:00	12	11	8	10	16	8	4	7	7	8	6	13	110
19:00	12	16	7	11	11	7	5	5	6	8	5	2	95
20:00	7	11	4	8	8	3	11	2	4	2	9	11	80
21:00	7	6	4	5	2	1	4	3	6	2	3	2	45
22:00	1	4	4	2	2	0	2	2	0	5	1	0	23
23:00	0	0	0	1	1	0	0	2	0	0	0	1	5

Daily Total: 1593

AM Peak Hour: 270 (07:15 - 08:15)

16.9% Of Daily Total

PM Peak Hour: 156 (17:10 - 18:10)

9.79% Of Daily Total

4th Highest Hour: 110 (18:00 - 19:00)

6.90% Of Daily Total

8th Highest Hour: 81 (12:00 - 13:00)

5.08% Of Daily Total