

0146

# Roadway Survey Field Sheet

TS Project # \_\_\_\_\_ Map \_\_\_\_\_ Grid \_\_\_\_\_ Start Time **3:30** # Of Days \_\_\_\_\_

Location: SE 10TH ST + SE 98TH AV

City: VANCOUVER

Location ID: \_\_\_\_\_

### Type Of Survey

- Volume  
 Speed  
 Classification  
 \_\_\_\_\_

Start Date: 9/15/03

S M T W T F S

End Date: 9/18/03

S M T W T F S

Counters **6**

Tubes **6**

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

AXLE STRIKE COUNT		SYSTEM DELAY LOGIC	SPEED LOW VOL		VEHICLE SPEED / CLASSIFICATION			
G	M	D	A	B	G	M	B	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

No.: 17/60 X 8/82

Box: 81/67

Tube Length: 40

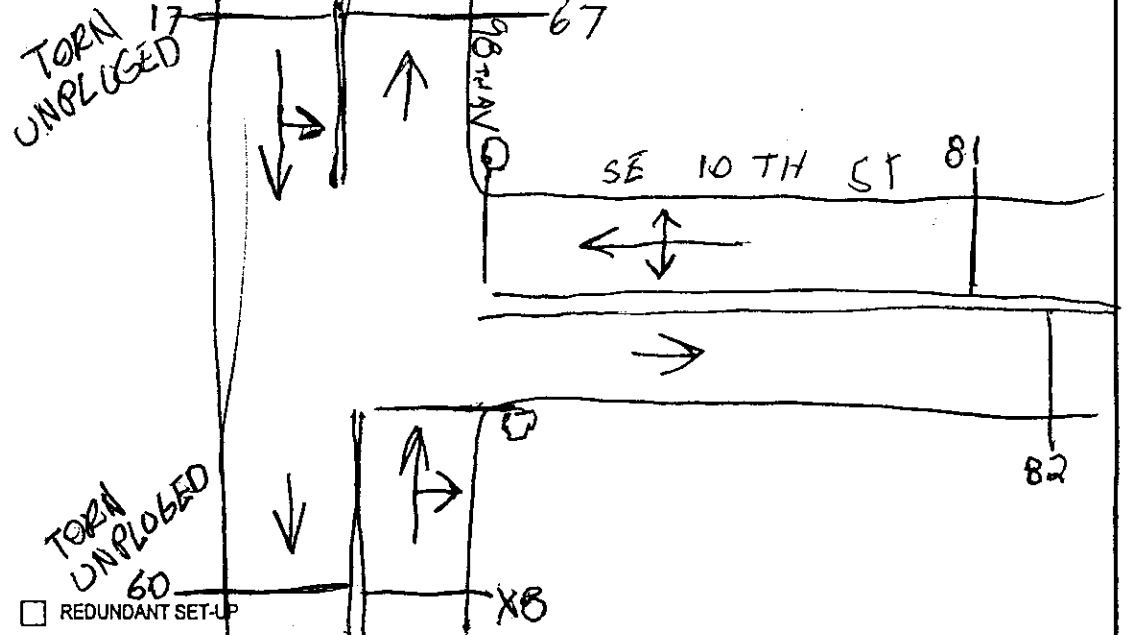
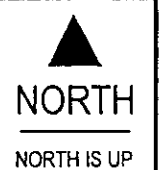
Hammer Test

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

DIRECTION:  East Bound  West Bound  North Bound  South Bound  Approach

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

ROAD:  Dry  Wet  Asphalt  Concrete  Broken  Rutted  Curved



### PICK-UP

Hammer Test

Date: 9/18/03 Time: 3:20

### FILE NAMES

1898TS17  
1898TS60  
1898TN X8  
1810TE 82  
1810TW81  
1898TN67

Remarks: WEATHER:  Sunny  Overcast  Rain  Snow

Surveyed By: M.P.

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

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

Roadway: 98TH AVENUE  
 Location: NORTH OF SE 10TH STREET

Date: 09/16/03  
 Day of Week: Tuesday

SB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	0	0	2	0	0	0	1	2	1	3	2	2	13
01:00	0	1	0	0	0	0	0	2	0	1	2	0	6
02:00	0	0	0	1	1	0	1	0	1	0	0	0	4
03:00	0	0	0	1	1	1	2	0	0	0	0	0	5
04:00	1	0	1	0	0	0	0	1	1	0	0	1	5
05:00	1	2	0	0	1	0	1	1	1	2	2	0	11
06:00	1	0	1	2	3	2	6	4	1	9	3	7	39
07:00	4	7	4	8	4	10	8	10	11	12	17	11	106
08:00	7	11	13	11	14	16	17	15	11	9	13	9	146
09:00	11	7	7	10	10	6	7	12	11	11	7	5	104
10:00	14	7	9	5	14	6	7	8	5	6	3	10	94
11:00	9	17	13	12	8	8	17	13	19	16	14	18	164
12:00	17	12	4	20	15	7	16	20	13	16	16	16	172
13:00	12	11	19	15	13	14	15	9	14	10	17	13	162
14:00	20	11	12	12	13	24	10	15	18	15	15	24	189
15:00	21	18	19	26	19	20	21	12	31	31	15	21	254
16:00	22	27	25	29	22	26	25	27	32	32	22	20	309
17:00	25	21	29	27	41	18	19	20	16	21	23	25	285
18:00	17	20	25	17	23	15	10	12	14	16	12	13	194
19:00	13	19	11	10	11	7	10	8	7	5	13	9	123
20:00	14	13	7	7	8	9	9	13	8	12	5	12	117
21:00	9	7	9	7	6	11	8	3	7	2	4	6	79
22:00	3	2	8	3	3	1	2	3	1	3	2	5	36
23:00	2	2	1	0	2	0	1	0	1	3	0	2	14

Daily Total: 2631

AM Peak Hour: 164 (11:00 - 12:00)

6.23% Of Daily Total

PM Peak Hour: 327 (16:25 - 17:25)

12.4% Of Daily Total

4th Highest Hour: 194 (18:00 - 19:00)

7.37% Of Daily Total

8th Highest Hour: 162 (13:00 - 14:00)

6.15% Of Daily Total

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

Roadway: 98TH AVENUE  
 Location: NORTH OF SE 10TH STREET

Date: 09/16/03  
 Day of Week: Tuesday

NB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	2	1	0	0	1	3	0	1	0	0	0	0	8
01:00	0	0	1	2	2	1	0	0	0	2	0	1	9
02:00	2	0	1	0	0	0	1	0	0	0	0	0	4
03:00	1	0	1	0	1	0	0	0	0	1	0	1	5
04:00	0	0	0	0	0	3	0	2	0	2	2	2	11
05:00	0	2	2	2	2	5	3	1	6	5	1	9	38
06:00	2	2	5	8	2	4	8	11	20	12	13	11	98
07:00	10	7	14	13	21	14	23	18	23	31	27	44	245
08:00	30	34	19	19	16	12	11	16	17	22	17	8	221
09:00	17	12	16	10	11	12	13	6	11	15	5	12	140
10:00	12	20	13	15	10	12	11	7	9	17	18	17	161
11:00	18	8	14	14	16	9	17	10	17	16	14	8	161
12:00	20	15	15	23	10	14	21	11	17	13	12	14	185
13:00	20	19	19	13	20	17	9	14	13	11	10	20	185
14:00	17	13	18	28	25	12	19	20	24	14	18	21	229
15:00	18	18	14	18	21	12	25	17	22	21	28	20	234
16:00	21	12	11	16	12	23	19	19	26	17	22	10	208
17:00	24	19	20	17	19	32	21	14	23	30	22	17	258
18:00	17	25	18	23	16	20	9	10	9	15	12	14	188
19:00	16	9	11	10	14	13	10	9	5	15	8	9	129
20:00	10	7	10	6	8	17	6	11	4	5	12	4	100
21:00	7	7	8	6	6	4	9	6	5	3	6	3	70
22:00	1	5	3	3	2	1	2	3	0	4	3	1	28
23:00	3	3	2	3	2	1	0	0	2	1	1	1	19

Daily Total: 2934

AM Peak Hour: 303 (07:20 - 08:20)

10.3% Of Daily Total

PM Peak Hour: 261 (17:20 - 18:20)

8.89% Of Daily Total

4th Highest Hour: 229 (14:00 - 15:00)

7.80% Of Daily Total

8th Highest Hour: 185 (12:00 - 13:00)

6.30% Of Daily Total

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 1225 NW MURRAY BLVD SUITE 111  
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Roadway: 98TH AVENUE  
 Location: SOUTH OF SE 10TH STREET

Date: 09/16/03  
 Day of Week: Tuesday

NB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	0	0	0	0	0	0	0	0	1	0	0	0	1
01:00	0	0	0	0	0	1	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	1	0	0	0	0	0	1
03:00	0	0	0	0	1	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	1	0	0	0	0	0	2	3
06:00	0	1	0	0	0	0	0	3	4	2	4	2	16
07:00	1	2	2	2	4	2	4	0	1	5	2	5	30
08:00	3	7	3	2	4	0	1	1	3	2	4	1	31
09:00	2	3	1	2	2	1	1	1	1	1	0	0	15
10:00	1	2	3	1	2	1	1	0	2	1	1	1	16
11:00	5	0	2	2	3	1	2	0	5	1	6	2	29
12:00	1	1	2	2	2	1	2	2	3	0	2	4	22
13:00	2	1	2	0	2	2	2	3	1	4	1	4	24
14:00	1	4	4	1	1	0	3	1	4	2	4	3	28
15:00	2	2	1	4	3	1	2	1	5	3	2	4	30
16:00	3	1	2	2	3	1	2	4	1	4	1	0	24
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	1	1	3	2	2	1	1	4	15
19:00	1	2	5	4	1	4	2	2	1	0	2	0	24
20:00	2	3	2	2	1	5	1	0	1	0	1	0	18
21:00	1	7	1	2	1	0	0	1	1	0	2	0	16
22:00	0	0	0	0	0	0	2	1	0	0	0	0	3
23:00	0	0	0	2	0	1	0	0	0	0	0	0	3

Daily Total: 351

AM Peak Hour: 38 (07:15 - 08:15)

10.8% Of Daily Total

PM Peak Hour: 32 (15:40 - 16:40)

9.11% Of Daily Total

4th Highest Hour: 29 (11:00 - 12:00)

8.26% Of Daily Total

8th Highest Hour: 24 (19:00 - 20:00)

6.83% Of Daily Total

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Date: 09/16/03  
 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	0	0	0	0	0	0	1	0	0	1
01:00	1	0	0	0	1	0	0	0	1	0	0	0	3
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	1	1	0	0	0	2
04:00	0	0	0	0	0	0	0	0	1	0	0	0	1
05:00	0	0	0	0	0	0	0	0	0	1	0	0	1
06:00	0	0	0	0	0	1	0	0	0	0	2	0	3
07:00	0	1	0	0	2	2	3	0	1	2	2	2	15
08:00	1	1	1	2	0	1	2	2	0	0	1	0	11
09:00	3	0	2	4	0	1	0	1	1	0	1	1	14
10:00	1	0	1	3	0	0	1	0	1	1	1	1	10
11:00	1	2	2	3	0	2	2	0	3	0	3	1	19
12:00	0	2	0	1	2	1	1	1	1	0	3	3	15
13:00	2	1	2	0	0	1	1	3	4	2	3	2	21
14:00	3	5	1	1	2	1	1	4	2	1	0	0	21
15:00	3	0	2	1	3	1	1	3	2	5	2	4	27
16:00	1	2	2	0	4	1	0	3	0	1	3	1	18
17:00	3	1	4	1	2	4	3	1	3	2	2	4	30
18:00	4	1	0	4	3	3	3	1	1	8	4	2	34
19:00	2	4	5	4	2	1	2	0	0	3	2	3	28
20:00	2	2	1	1	1	1	1	4	1	2	0	1	17
21:00	0	2	0	2	1	1	1	0	0	1	0	0	8
22:00	2	1	0	1	0	0	1	0	0	0	0	0	5
23:00	0	1	0	0	2	1	0	0	0	0	0	0	4

Daily Total: 308

AM Peak Hour: 19 (07:20 - 08:20)

6.16% Of Daily Total

PM Peak Hour: 40 (18:15 - 19:15)

12.9% Of Daily Total

4th Highest Hour: 27 (15:00 - 16:00)

8.76% Of Daily Total

8th Highest Hour: 18 (16:00 - 17:00)

5.84% Of Daily Total

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

Roadway: 10TH STREET  
 Location: EAST OF SE 98TH AVENUE

Date: 09/16/03  
 Day of Week: Tuesday

EB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	1	0	2	0	0	0	1	1	2	1	2	3	13
01:00	0	0	1	0	0	1	0	1	0	1	1	0	5
02:00	0	0	0	1	0	0	0	0	1	0	0	0	2
03:00	0	0	0	0	2	0	2	0	0	0	0	0	4
04:00	1	0	1	0	0	0	0	0	1	0	0	1	4
05:00	0	2	1	0	2	0	1	1	1	1	1	1	11
06:00	1	1	1	1	3	3	3	5	3	8	5	4	38
07:00	7	7	3	8	7	6	11	14	7	15	16	10	111
08:00	5	8	15	10	13	15	16	12	15	10	11	15	145
09:00	10	10	6	12	6	11	6	9	7	15	6	6	104
10:00	10	11	8	4	11	8	6	5	8	6	4	7	88
11:00	9	13	16	11	11	10	15	11	19	13	15	17	160
12:00	15	12	5	12	14	7	12	24	11	15	16	17	160
13:00	11	11	17	15	12	13	17	7	7	8	17	12	147
14:00	15	15	14	13	13	21	11	13	16	12	12	25	180
15:00	20	19	19	21	20	17	20	13	23	28	18	20	238
16:00	22	23	25	26	26	22	28	24	34	34	21	19	304
17:00	20	26	20	30	38	19	14	20	17	24	21	19	268
18:00	20	19	23	20	21	11	6	16	11	11	11	12	181
19:00	9	16	14	9	11	8	8	11	7	3	12	8	116
20:00	11	12	7	6	9	12	6	8	8	11	6	8	104
21:00	11	6	8	6	7	11	5	4	8	2	3	6	77
22:00	3	2	9	2	3	1	1	4	1	3	0	6	35
23:00	2	1	1	1	0	1	1	0	1	3	0	1	12

Daily Total: 2507

AM Peak Hour: 160 (11:00 - 12:00)

6.38% Of Daily Total

PM Peak Hour: 316 (16:25 - 17:25)

12.6% Of Daily Total

4th Highest Hour: 181 (18:00 - 19:00)

7.21% Of Daily Total

8th Highest Hour: 147 (13:00 - 14:00)

5.86% Of Daily Total

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 Location: EAST OF SE 98TH AVENUE

Date: 09/16/03  
 Day of Week: Tuesday

WB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	3	1	1	0	1	1	2	1	0	0	1	0	11
01:00	1	0	0	3	2	2	1	0	0	2	0	1	12
02:00	2	0	0	1	0	0	0	0	0	0	0	0	3
03:00	0	1	1	1	0	0	1	0	0	0	1	0	5
04:00	1	0	0	0	0	2	1	2	0	1	2	0	9
05:00	2	0	2	2	1	2	4	3	2	8	2	4	32
06:00	4	2	5	5	5	3	7	8	8	14	12	11	84
07:00	8	7	14	11	11	15	23	16	19	27	24	34	209
08:00	36	25	25	17	17	16	10	10	17	16	26	9	224
09:00	13	14	17	14	11	9	8	12	8	14	13	4	137
10:00	14	18	9	17	12	10	13	7	8	14	19	17	158
11:00	15	7	9	18	15	13	11	10	15	16	12	15	156
12:00	7	23	16	14	17	13	17	12	12	18	10	15	174
13:00	9	27	18	14	15	15	16	10	13	14	9	19	179
14:00	12	22	21	17	26	26	15	14	17	26	18	17	231
15:00	22	14	15	20	15	14	22	16	22	18	34	23	235
16:00	17	14	11	14	16	18	21	16	22	26	19	18	212
17:00	17	21	15	20	20	30	19	19	17	28	27	25	258
18:00	19	25	18	27	16	12	21	12	10	10	14	10	194
19:00	17	15	13	8	11	14	11	7	6	14	9	13	138
20:00	9	2	9	7	8	8	14	9	5	6	9	7	93
21:00	8	4	6	6	6	8	5	7	5	4	3	4	66
22:00	3	4	4	3	5	0	1	2	1	0	5	2	30
23:00	3	2	2	3	4	1	1	0	2	2	1	0	21

Daily Total: 2871

AM Peak Hour: 279 (07:30 - 08:30)

9.71% Of Daily Total

PM Peak Hour: 274 (17:20 - 18:20)

9.54% Of Daily Total

4th Highest Hour: 224 (08:00 - 09:00)

7.80% Of Daily Total

8th Highest Hour: 179 (13:00 - 14:00)

6.23% Of Daily Total