

# Roadway Survey Field Sheet

TS Project # 04-108 Map \_\_\_\_\_ Grid \_\_\_\_\_ Start Time 12:05 # Of Days \_\_\_\_\_

Location: 15TH + MAIN  
 City: VANCOUVER  
 Location ID: \_\_\_\_\_

Type Of Survey  
 Volume  
 Speed  
 Classification  
 \_\_\_\_\_

Start Date: 3/15/04 Counters 3  
 S (M) T W T F S  
 End Date: 3/17/04 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 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																																				
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5 - 10 MPH	130	90	70	60	40																																				
> 10 MPH	100	80	60	40	40																																				
Do You Anticipate Queuing Across Tube	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 25 Mph	<input type="checkbox"/> 45 Mph	(TAD, TBD) A B M D																																			
Speed Greater Than 20 Miles / Hour	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> 30 Mph	<input type="checkbox"/> 50 Mph																																				
Tube Crosses More Than 2 Lanes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 35 Mph	<input type="checkbox"/> 55 Mph	Use 2 Counters if Traffic Conditions are different in each direction.																																			
SPEED: High _____ Mph Low _____ Mph			<input type="checkbox"/> Other: _____		DWELL (TAD, TBD) _____																																				

AXLE STRIKE COUNT	SYSTEM DELAY LOGIC	SPEED LOW VOL	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

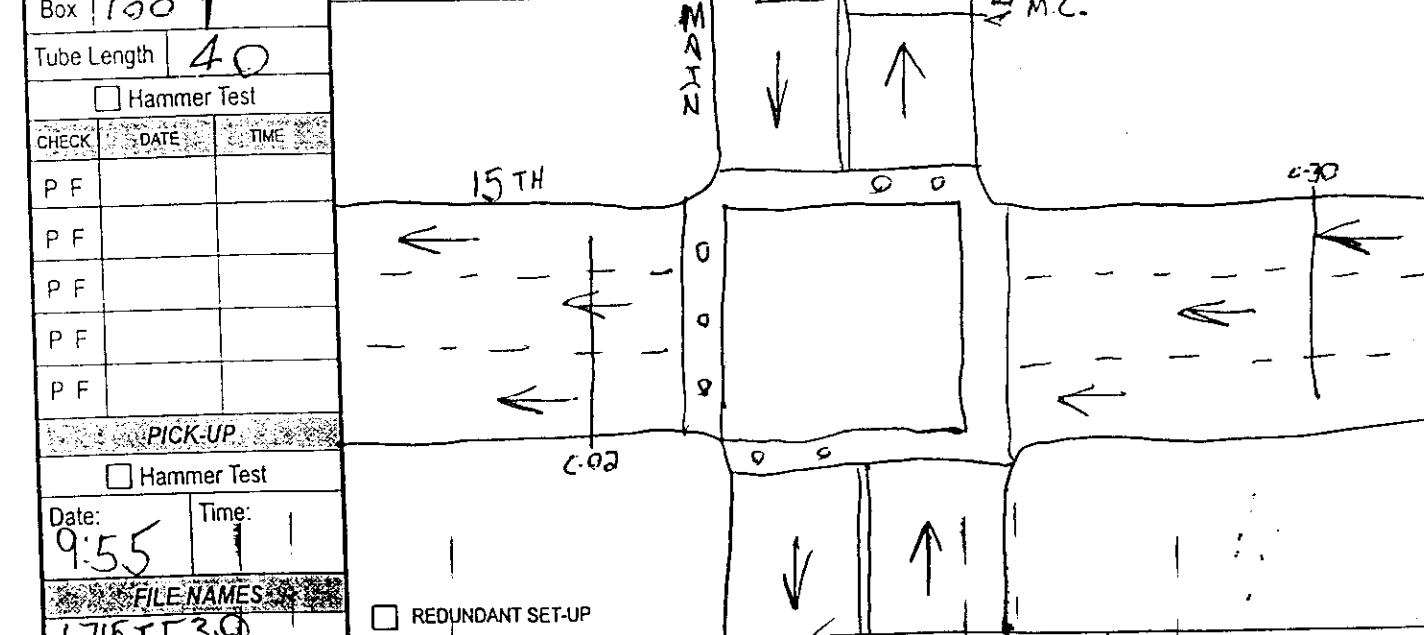
Type: M.C. / AMAX  
 No.: X20 / C-304-02  
 Box: 100  
 Tube Length: 40  
 Hammer Test

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

**NORTH**  
 NORTH IS UP



PICK-UP

Hammer Test

Date: 9:55 Time: 11

FILE NAMES:

1715TE30  
17MANNO  
1715TW02

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

PORTLAND, OR 97209

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

Roadway: 15TH STREET

Location: EAST OF MAIN

Date: 03/16/04

Day of Week: Tuesday

WB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	2	3	1	2	3	2	6	6	1	2	5	4	37
01:00	1	3	6	2	3	4	0	1	2	6	3	2	33
02:00	2	1	1	2	4	2	3	5	0	0	2	7	29
03:00	3	3	5	3	1	4	2	6	7	1	5	5	45
04:00	2	2	3	3	2	2	3	4	17	6	2	9	55
05:00	8	10	6	17	9	12	25	17	19	25	40	28	216
06:00	38	28	37	26	31	35	36	35	54	69	60	49	498
07:00	47	57	60	55	67	71	72	82	92	124	119	116	962
08:00	81	68	80	94	81	85	68	86	70	99	89	56	957
09:00	54	83	71	75	42	82	60	47	72	57	68	76	787
10:00	59	66	56	61	61	46	53	54	78	76	55	72	737
11:00	55	70	62	52	53	65	64	72	72	71	71	75	782
12:00	55	72	57	57	56	78	75	85	73	85	88	73	854
13:00	80	88	70	78	71	80	86	83	83	87	56	55	917
14:00	89	74	75	61	77	63	61	52	87	64	69	56	828
15:00	67	65	58	55	71	72	56	56	81	62	62	61	766
16:00	57	61	61	68	59	41	62	60	64	50	45	59	687
17:00	52	54	54	46	45	38	48	43	40	56	39	30	545
18:00	36	32	28	30	50	27	22	31	25	40	35	24	380
19:00	29	17	31	24	13	18	14	18	10	32	20	17	243
20:00	23	18	18	15	20	11	14	13	15	14	11	19	191
21:00	20	12	15	8	10	8	13	12	11	18	14	8	149
22:00	10	12	13	15	8	9	7	8	13	11	7	8	121
23:00	10	13	8	8	3	4	5	7	5	3	2	10	78

Daily Total: 10897

AM Peak Hour: 1094 (07:30 - 08:30)

PM Peak Hour: 967 (12:50 - 13:50)

4th Highest Hour: 854 (12:00 - 13:00)

8th Highest Hour: 766 (15:00 - 16:00)

10.0% Of Daily Total

8.87% Of Daily Total

7.83% Of Daily Total

7.02% Of Daily Total

**TRAFFIC SMITHY, INC**

1225 NW MURRAY BLVD

PORTLAND, OR 97209

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

Roadway: MAIN STREET

Location: NORTH OF 15TH STREET

Date: 03/16/04

Day of Week: Tuesday

NB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	1	1	2	0	1	2	1	3	2	0	0	0	13
01:00	0	0	4	2	0	0	2	0	2	0	0	0	10
02:00	2	1	1	1	1	1	1	1	1	1	0	1	12
03:00	2	1	0	0	1	0	0	2	0	0	0	0	6
04:00	1	0	0	1	1	0	0	0	0	1	0	0	4
05:00	2	0	0	1	0	3	2	1	2	0	1	1	13
06:00	2	2	1	2	4	3	5	0	2	8	5	2	36
07:00	10	5	4	11	11	6	9	11	7	5	20	14	113
08:00	13	13	10	10	16	13	9	10	11	14	11	12	142
09:00	12	17	13	18	23	12	13	18	12	14	26	16	194
10:00	19	12	24	21	16	12	20	14	28	24	22	23	235
11:00	19	28	23	18	26	20	24	29	30	22	25	35	299
12:00	17	31	22	20	17	16	34	32	24	32	20	21	286
13:00	22	31	27	29	27	17	18	32	28	25	37	15	308
14:00	24	25	19	26	22	19	24	16	29	32	23	20	279
15:00	34	22	21	23	23	24	18	16	25	17	26	21	270
16:00	24	21	20	24	23	20	28	28	21	29	24	30	292
17:00	29	32	26	29	19	15	17	12	15	16	17	9	236
18:00	14	16	12	14	15	12	8	13	15	10	7	15	151
19:00	10	5	3	9	8	6	14	9	12	3	6	6	91
20:00	8	9	7	0	7	6	6	8	4	6	3	8	72
21:00	7	3	2	4	4	4	1	5	2	4	3	2	41
22:00	3	4	7	3	8	3	4	4	5	0	3	2	46
23:00	0	4	0	3	1	1	2	1	1	1	1	1	16

Daily Total: 3165

AM Peak Hour: 299 (11:00 - 12:00)

PM Peak Hour: 319 (16:20 - 17:20)

4th Highest Hour: 286 (12:00 - 13:00)

8th Highest Hour: 235 (10:00 - 11:00)

9.44% Of Daily Total

10.0% Of Daily Total

9.03% Of Daily Total

7.42% Of Daily Total

**TRAFFIC SMITHY, INC**

1225 NW MURRAY BLVD

PORTLAND, OR 97209

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

Roadway: MAIN STREET

Location: NORTH OF 15TH STREET

Date: 03/16/04

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	1	0	1	0	0	1	0	1	4
01:00	0	1	0	0	2	0	0	0	1	0	2	2	8
02:00	0	0	0	0	0	0	0	1	1	0	0	0	2
03:00	2	1	0	0	1	0	0	0	0	2	0	0	6
04:00	0	0	0	0	1	0	0	0	0	1	0	2	4
05:00	1	1	1	1	2	2	1	1	2	1	1	1	15
06:00	1	4	5	12	11	38	21	29	15	18	11	10	175
07:00	9	7	12	15	12	6	13	12	19	15	13	10	143
08:00	16	10	8	9	8	16	14	15	10	8	7	9	130
09:00	16	15	4	10	4	5	14	15	9	13	15	11	131
10:00	11	10	19	17	17	9	15	7	14	18	13	14	164
11:00	14	12	10	16	16	16	14	9	17	13	3	9	149
12:00	17	17	14	18	6	15	19	13	11	17	12	15	174
13:00	19	23	23	13	15	17	13	16	21	20	15	13	208
14:00	20	13	13	9	14	15	16	9	10	18	19	13	169
15:00	17	8	12	13	17	13	11	11	18	13	16	11	160
16:00	12	14	16	12	21	12	10	7	9	7	10	13	143
17:00	18	12	12	11	11	8	9	10	11	16	8	7	133
18:00	9	5	7	6	6	7	8	8	9	7	6	10	88
19:00	6	0	5	7	4	3	8	4	7	6	6	1	57
20:00	7	1	6	3	6	2	3	4	2	2	2	1	39
21:00	1	2	4	5	4	2	2	5	1	1	5	0	32
22:00	1	1	1	2	1	1	1	4	2	0	0	5	19
23:00	4	0	0	0	2	1	2	2	0	1	1	0	13

Daily Total: 2166

AM Peak Hour: 197 (06:25 - 07:25)

PM Peak Hour: 210 (12:55 - 13:55)

4th Highest Hour: 169 (14:00 - 15:00)

8th Highest Hour: 143 (07:00 - 08:00)

9.09% Of Daily Total

9.69% Of Daily Total

7.80% Of Daily Total

6.60% Of Daily Total

**TRAFFIC SMITHY, INC**

1225 NW MURRAY BLVD

PORTLAND, OR 97209

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

Roadway: 15TH STREET  
Location: WEST OF MAIN

Date: 03/16/04  
Day of Week: Tuesday

WB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	3	3	2	1	1	4	7	6	0	3	3	3	36
01:00	4	2	3	0	6	4	0	1	0	8	5	2	35
02:00	2	1	0	1	2	2	1	3	4	0	1	6	23
03:00	3	2	6	4	2	3	2	8	5	3	3	7	48
04:00	1	3	2	4	3	3	3	5	11	7	4	11	57
05:00	4	12	4	17	11	10	22	18	26	21	35	30	210
06:00	37	29	38	37	39	48	52	45	70	69	72	44	580
07:00	49	56	62	65	73	73	76	83	93	120	137	129	1016
08:00	90	67	90	95	82	103	82	81	77	82	94	67	1010
09:00	56	85	68	76	59	69	72	45	69	58	73	64	794
10:00	68	65	54	68	65	50	55	50	72	72	60	70	749
11:00	60	74	62	58	65	57	67	77	79	72	60	77	808
12:00	65	75	52	69	60	66	69	78	84	88	82	91	879
13:00	81	94	86	77	79	83	82	83	89	92	45	72	963
14:00	82	85	86	58	64	75	66	58	75	79	76	52	856
15:00	64	77	65	54	59	77	59	50	89	62	60	62	778
16:00	36	70	63	59	68	50	60	54	65	46	42	58	671
17:00	55	49	58	44	52	45	44	41	42	59	39	34	562
18:00	37	27	32	30	41	28	25	25	28	45	28	23	369
19:00	26	17	32	30	16	15	18	18	17	28	22	19	258
20:00	24	20	14	22	21	15	9	15	17	21	11	14	203
21:00	15	21	13	10	11	7	13	11	10	17	17	9	154
22:00	9	12	11	15	10	12	10	10	11	12	11	9	132
23:00	11	12	6	7	9	3	6	7	6	4	2	4	77

Daily Total: 11268

AM Peak Hour: 1171 (07:35 - 08:35)

PM Peak Hour: 1019 (12:50 - 13:50)

4th Highest Hour: 879 (12:00 - 13:00)

8th Highest Hour: 778 (15:00 - 16:00)

10.3% Of Daily Total

9.04% Of Daily Total

7.80% Of Daily Total

6.90% Of Daily Total