

Roadway Survey Field Sheet

TS Project # **D4-108** Map Grid Start Time **4:30** # Of Days

Location: **FOURTH PLAIN + THORSTON WAY**
 City: **VANCOUVER**
 Location ID:

Type Of Survey:
 Volume
 Speed
 Classification

Start Date: **3/15/04** Counters: **5**
 S (M) T W T F S
 End Date: Tubes: **6**
 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>> 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>> 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 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 (M) B (M) D																																			
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	Use 2 Counters if Traffic Conditions are different in each direction.																																			
Tube Crosses More Than 2 Lanes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 35 Mph	<input type="checkbox"/> 55 Mph	DWELL (TAD, TBD)																																			
SPEED: High _____ Mph Low _____ Mph	<input type="checkbox"/> Other: _____																																								

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: **MAX** M.C.
 No. **C-23** 07 37
 Box **C-04** C-18 X96
 Tube Length **40**
 Hammer Test

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

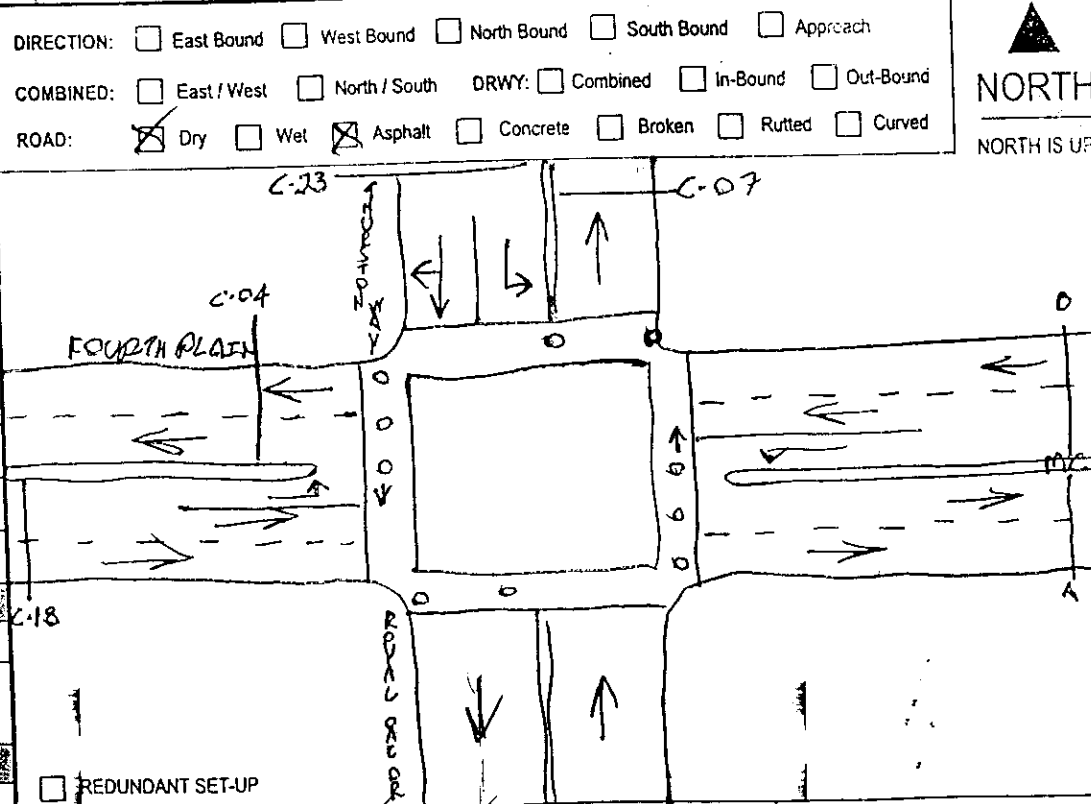
PICK-UP

Hammer Test

Date: **3/11/04** Time: **1:45**

FILE NAMES

17FPBW18
 17FPBW04
 17THR23
 17THR07
 17PBE37



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: FOURTH PLAIN

Location: WEST OF THURSTON WAY

Date: 03/16/04

Day of Week: Tuesday

EB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	6	6	6	3	7	3	2	2	2	1	5	2	45
01:00	3	7	3	2	7	3	3	3	3	1	3	2	40
02:00	3	2	6	2	1	2	3	0	0	3	7	5	34
03:00	1	1	0	1	1	1	5	3	3	1	3	3	23
04:00	1	3	0	2	5	2	1	0	4	5	6	5	34
05:00	5	6	7	5	7	6	7	12	11	14	6	10	96
06:00	7	12	11	15	16	21	26	26	23	29	26	21	233
07:00	22	13	24	25	24	27	25	39	35	36	41	30	341
08:00	40	34	43	43	33	45	25	42	26	38	45	44	458
09:00	25	31	31	26	44	50	41	31	47	51	46	30	453
10:00	43	42	42	38	43	42	45	54	45	57	44	39	534
11:00	58	62	44	59	57	61	72	62	67	57	54	62	715
12:00	72	70	66	66	65	70	64	68	51	71	65	80	808
13:00	56	68	77	61	66	62	59	59	71	83	64	69	795
14:00	59	59	62	62	73	57	72	71	59	59	76	66	775
15:00	62	67	62	81	75	77	72	55	78	76	79	62	846
16:00	84	85	64	79	90	94	113	98	84	87	94	86	1058
17:00	86	93	116	102	94	74	77	89	83	86	75	66	1041
18:00	64	77	67	82	73	54	45	46	42	53	51	43	697
19:00	61	37	61	37	47	39	44	32	34	31	26	30	479
20:00	35	33	26	40	28	21	28	22	18	32	35	25	343
21:00	28	29	20	23	26	14	27	16	29	17	16	12	257
22:00	16	11	16	16	16	11	18	7	9	6	5	11	142
23:00	6	10	9	8	7	4	6	9	9	4	10	6	88

Daily Total: 10335

AM Peak Hour: 715 (11:00 - 12:00)

PM Peak Hour: 1147 (16:25 - 17:25)

4th Highest Hour: 808 (12:00 - 13:00)

8th Highest Hour: 697 (18:00 - 19:00)

6.91% Of Daily Total

11.0% Of Daily Total

7.81% Of Daily Total

6.74% Of Daily Total

TRAFFIC SMITHY, INC

1225 NW MURRAY BLVD

PORTLAND, OR 97209

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

Roadway: FOURTH PLAIN

Location: WEST OF THURSTON WAY

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	5	3	4	4	2	7	1	4	6	4	5	1	46
01:00	1	3	1	3	2	1	3	2	0	1	4	5	26
02:00	1	0	1	0	5	0	6	3	2	1	1	0	20
03:00	0	3	0	0	4	2	2	3	0	5	4	1	24
04:00	2	2	2	2	2	2	1	1	4	4	5	3	30
05:00	9	8	6	8	4	10	8	10	20	18	16	10	127
06:00	14	31	25	18	18	21	29	45	32	28	44	40	345
07:00	34	28	36	40	46	53	49	58	45	90	62	48	589
08:00	46	41	43	56	30	42	33	42	32	61	45	43	514
09:00	37	36	32	40	35	24	44	39	33	39	34	43	436
10:00	53	43	44	44	56	48	42	54	35	33	45	61	558
11:00	49	43	59	53	47	57	50	51	61	54	69	39	632
12:00	58	63	65	64	55	74	47	70	56	61	57	52	722
13:00	54	58	65	61	63	46	71	51	74	51	58	59	711
14:00	50	52	54	52	54	55	58	50	60	73	64	48	670
15:00	58	52	55	53	48	35	60	51	70	51	56	55	644
16:00	63	55	58	65	58	63	56	60	58	66	47	72	721
17:00	74	65	45	71	60	61	60	51	50	67	62	56	722
18:00	48	52	51	45	49	43	38	38	45	46	46	35	536
19:00	29	45	44	31	29	31	26	29	29	37	21	25	376
20:00	29	35	21	29	27	24	18	22	29	29	20	24	307
21:00	24	19	23	26	23	22	14	23	14	14	16	11	229
22:00	10	12	12	15	13	13	12	10	10	9	7	8	131
23:00	7	8	2	14	4	7	6	6	9	6	2	6	77

Daily Total: 9193

AM Peak Hour: 654 (10:55 - 11:55)

PM Peak Hour: 742 (16:10 - 17:10)

4th Highest Hour: 711 (13:00 - 14:00)

8th Highest Hour: 589 (07:00 - 08:00)

7.11% Of Daily Total

8.07% Of Daily Total

7.73% Of Daily Total

6.40% Of Daily Total

TRAFFIC SMITHY, INC

1225 NW MURRAY BLVD

PORTLAND, OR 97209

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

Roadway: FOURTH PLAIN

Location: EAST OF THURSTON WAY

Date: 03/16/04

Day of Week: Tuesday

EB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	11	5	3	7	2	3	2	2	5	4	3	3	50
01:00	7	3	4	6	2	4	4	2	1	4	2	2	41
02:00	3	6	2	1	2	4	0	0	6	5	2	1	32
03:00	1	0	1	0	2	3	5	4	1	2	4	0	23
04:00	3	0	3	1	2	1	2	4	3	4	5	3	31
05:00	6	4	6	5	4	9	12	11	10	9	8	10	94
06:00	12	12	10	11	20	28	22	20	24	23	15	16	213
07:00	16	24	26	24	20	24	33	30	40	26	28	37	328
08:00	30	35	48	36	34	16	42	25	41	39	42	19	407
09:00	27	29	34	44	50	37	31	43	43	35	30	44	447
10:00	34	42	49	41	43	42	59	47	43	48	40	44	532
11:00	60	45	49	54	57	63	52	58	55	54	54	73	674
12:00	55	55	63	52	65	66	55	48	67	73	68	57	724
13:00	71	61	70	52	71	69	62	62	81	74	55	66	794
14:00	71	64	70	75	63	70	77	59	59	68	62	65	803
15:00	59	71	92	83	54	62	72	81	74	86	70	86	890
16:00	78	78	77	97	98	104	102	101	84	104	72	93	1088
17:00	105	140	82	89	90	71	91	88	93	58	47	71	1025
18:00	73	68	73	66	50	51	47	48	54	46	36	57	669
19:00	30	62	52	36	45	41	42	33	27	27	37	40	472
20:00	27	29	35	28	27	26	25	24	40	27	29	46	363
21:00	23	40	28	28	24	34	27	20	22	11	14	17	288
22:00	11	21	17	14	14	15	9	8	11	6	9	8	143
23:00	10	12	6	6	6	4	9	12	7	8	4	4	88

Daily Total: 10219

AM Peak Hour: 674 (11:00 - 12:00)

PM Peak Hour: 1182 (16:15 - 17:15)

4th Highest Hour: 803 (14:00 - 15:00)

8th Highest Hour: 669 (18:00 - 19:00)

6.59% Of Daily Total

11.5% Of Daily Total

7.85% Of Daily Total

6.54% Of Daily Total

TRAFFIC SMITHY, INC

1225 NW MURRAY BLVD

PORTLAND, OR 97209

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

Roadway: FOURTH PLAIN

Location: EAST OF THURSTON WAY

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	1	3	2	1	3	4	1	6	4	1	1	30
01:00	1	1	3	2	4	2	2	0	1	2	3	3	24
02:00	0	0	0	5	0	4	3	1	0	2	1	1	17
03:00	3	0	0	3	4	1	4	0	4	4	2	1	26
04:00	2	0	2	3	2	1	2	4	6	6	3	9	40
05:00	8	7	2	7	7	10	10	21	15	13	12	9	121
06:00	27	26	19	17	18	25	39	30	29	39	41	28	338
07:00	23	35	36	40	54	38	57	49	77	56	48	40	553
08:00	39	32	47	32	30	33	36	29	57	43	33	39	450
09:00	32	29	32	29	26	36	37	34	37	33	34	41	400
10:00	42	37	34	43	44	28	52	33	28	45	38	33	457
11:00	40	52	40	44	54	39	36	47	55	44	50	47	548
12:00	41	68	48	63	49	44	62	54	44	54	40	53	620
13:00	51	49	41	58	38	61	50	54	50	48	41	47	588
14:00	42	44	37	40	41	50	45	42	56	45	37	45	524
15:00	41	43	43	30	23	42	38	46	47	47	44	41	485
16:00	43	49	61	45	45	47	32	49	44	43	62	50	570
17:00	53	35	53	53	53	45	52	49	40	53	49	41	576
18:00	42	40	33	51	43	34	24	43	42	28	20	19	419
19:00	36	33	24	23	26	18	23	27	26	20	22	18	296
20:00	24	19	13	18	18	9	17	20	16	17	11	23	205
21:00	16	10	16	17	20	13	19	11	9	11	10	9	161
22:00	7	14	9	9	9	11	9	10	6	7	5	5	101
23:00	4	5	6	3	3	2	6	6	2	0	5	1	43

Daily Total: 7592

AM Peak Hour: 577 (07:15 - 08:15)

PM Peak Hour: 630 (12:05 - 13:05)

4th Highest Hour: 570 (16:00 - 17:00)

8th Highest Hour: 485 (15:00 - 16:00)

7.60% Of Daily Total

8.29% Of Daily Total

7.50% Of Daily Total

6.38% Of Daily Total

TRAFFIC SMITHY, INC

1225 NW MURRAY BLVD

PORTLAND, OR 97209

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

Roadway: THURSTON WAY
Location: NORTH OF FOURTH PLAIN

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	0	0	3	3	2	1	1	0	1	0	1	0	12
01:00	1	0	0	3	2	2	3	0	2	0	0	1	14
02:00	2	0	1	0	0	0	0	0	1	1	3	0	8
03:00	1	0	0	1	0	0	1	0	0	0	2	2	7
04:00	1	0	1	2	0	0	1	0	3	3	5	1	17
05:00	1	2	1	1	2	0	2	1	1	5	4	3	23
06:00	3	3	2	5	10	4	4	4	8	7	8	10	68
07:00	6	5	6	8	3	16	7	15	11	6	22	7	112
08:00	12	14	10	7	8	12	7	13	10	20	15	11	139
09:00	5	14	11	9	11	15	13	9	18	18	11	8	142
10:00	19	14	12	9	12	13	6	14	16	23	17	14	169
11:00	16	14	15	21	15	22	17	27	14	17	19	17	214
12:00	23	27	25	14	32	8	22	27	15	25	27	26	271
13:00	24	28	20	21	23	23	18	17	23	17	19	20	253
14:00	16	20	22	15	11	23	15	16	22	18	9	19	206
15:00	16	25	15	15	21	26	17	16	23	15	11	16	216
16:00	17	30	17	23	25	28	20	25	19	21	17	25	267
17:00	21	22	22	24	23	15	22	24	23	21	26	19	262
18:00	19	22	20	24	20	11	17	11	12	15	18	20	209
19:00	12	15	13	14	10	11	9	17	11	15	7	5	139
20:00	8	10	9	8	6	14	7	5	9	8	7	3	94
21:00	8	12	13	10	16	12	2	2	8	5	6	3	97
22:00	11	1	2	3	3	6	5	1	2	3	3	0	40
23:00	3	2	4	0	1	1	3	2	1	3	2	1	23

Daily Total: 3002

AM Peak Hour: 217 (10:40 - 11:40)

PM Peak Hour: 281 (12:30 - 13:30)

4th Highest Hour: 253 (13:00 - 14:00)

8th Highest Hour: 206 (14:00 - 15:00)

7.22% Of Daily Total

9.36% Of Daily Total

8.42% Of Daily Total

6.86% Of Daily Total

TRAFFIC SMITHY, INC

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PORTLAND, OR 97209

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

Roadway: THURSTON WAY

Location: NORTH OF FOURTH PLAIN

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	4	4	3	6	5	3	1	2	4	1	2	2	37
01:00	1	1	1	1	1	1	1	1	1	0	3	1	13
02:00	1	2	1	0	0	2	1	1	1	0	0	0	9
03:00	0	0	0	0	1	1	1	2	1	1	2	0	9
04:00	1	0	0	0	1	0	1	0	1	2	2	0	8
05:00	1	0	2	2	2	4	4	1	3	5	3	7	34
06:00	6	7	3	3	6	12	7	7	7	3	10	4	75
07:00	14	5	7	8	12	7	11	19	13	15	16	11	138
08:00	12	15	24	12	16	16	14	19	17	9	18	13	185
09:00	15	13	18	16	12	10	11	15	17	11	17	18	173
10:00	16	16	24	20	26	17	24	18	16	16	29	23	245
11:00	22	19	31	16	20	17	29	23	26	29	28	24	284
12:00	20	23	21	19	29	27	22	25	36	33	25	26	306
13:00	27	26	32	23	30	23	23	32	29	30	27	22	324
14:00	31	31	40	24	27	26	37	34	27	19	28	30	354
15:00	21	33	28	37	28	20	29	29	37	27	27	24	340
16:00	26	34	27	39	40	32	38	34	43	38	33	38	422
17:00	45	33	32	29	41	29	41	38	31	35	30	26	410
18:00	35	28	39	42	27	24	21	22	26	24	21	25	334
19:00	16	24	19	21	14	14	24	13	14	15	19	20	213
20:00	15	11	16	16	19	15	14	12	18	20	8	16	180
21:00	5	15	12	9	8	7	5	9	8	12	4	6	100
22:00	6	2	6	6	7	5	7	1	7	4	3	8	62
23:00	7	1	2	8	1	3	8	4	6	5	4	1	50

Daily Total: 4305

AM Peak Hour: 284 (10:50 - 11:50)

PM Peak Hour: 445 (16:15 - 17:15)

4th Highest Hour: 340 (15:00 - 16:00)

8th Highest Hour: 284 (11:00 - 12:00)

6.59% Of Daily Total

10.3% Of Daily Total

7.89% Of Daily Total

6.59% Of Daily Total