

Roadway Survey Field Sheet

TS Project # _____ Map _____ Grid _____ Start Time _____ # Of Days _____

Location: 45th + MAIN

Location ID: _____ City: VANCOUVER

Type of Survey

Volume

Speed

Classification

Start Date: 9/22/03

End Date: 9/25/03

S M T W T F S

S M T W T F S

Counters _____

Tubes _____

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	LOWEST SPEED		HIGHEST SPEED			(TAD, TBD)		
Do You Anticipate Queuing Across Tube	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 checked="" 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	B	
SPEED: High _____ Mph Low _____ Mph				<input type="checkbox"/> Other: _____			> 10 MPH	100	80	60	40	40	M
						Use 2 Counters if Traffic Conditions are different in each direction.						D	

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: AMAX

No. 28/30/26/25

Box 43/24

Tube Length _____

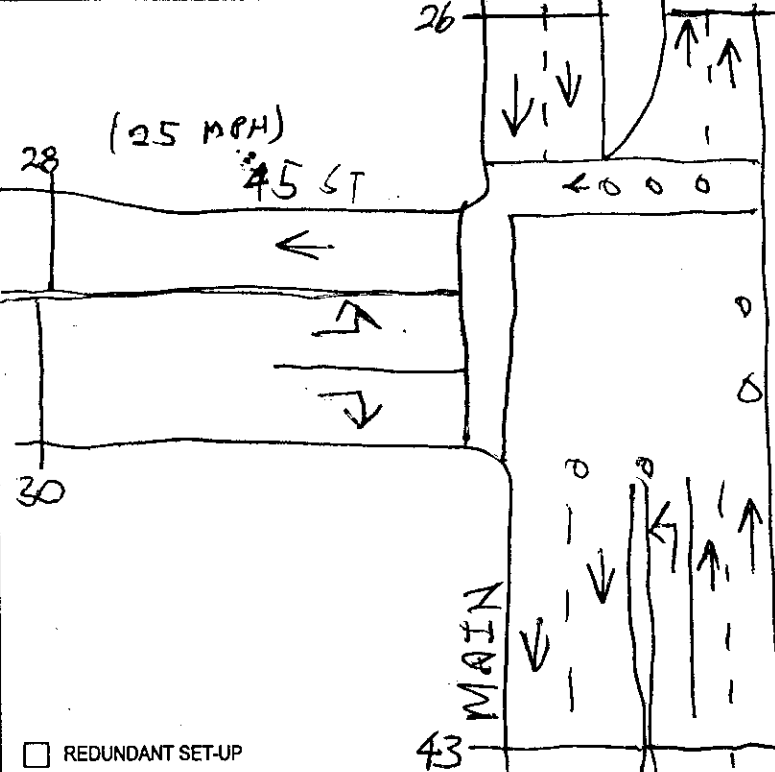
Hammer Test

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: 9/25 Time: 10:00

FILE NAMES

2545TW28

2545TE30

25MANS26

25MANN25

25MANS43

25MANN24

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

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

Roadway: 45TH STREET
 Location: WEST OF MAIN

Date: 09/23/03
 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	5	0	2	3	2	5	1	0	0	20
01:00	1	1	2	0	0	0	0	0	1	0	0	0	5
02:00	0	2	1	0	0	2	4	1	0	2	0	0	12
03:00	1	2	0	0	0	0	0	0	0	0	0	0	3
04:00	0	0	0	0	0	1	0	0	4	1	1	0	7
05:00	0	2	0	1	0	5	1	1	3	1	0	1	15
06:00	0	5	5	3	2	2	4	3	3	11	8	7	53
07:00	4	6	1	9	11	15	18	25	26	17	26	29	187
08:00	12	17	25	33	33	13	7	9	11	15	12	20	207
09:00	14	8	13	4	4	7	8	6	6	14	9	7	100
10:00	3	5	5	8	8	3	5	14	9	16	9	12	97
11:00	7	14	3	8	9	8	5	8	12	10	13	10	107
12:00	8	17	12	4	15	8	12	7	9	11	9	8	120
13:00	13	14	13	18	6	9	11	11	17	7	8	7	134
14:00	14	7	6	19	19	19	17	20	20	26	21	22	210
15:00	21	12	16	13	20	22	17	25	21	14	14	15	210
16:00	18	16	20	12	17	24	15	17	17	23	20	19	218
17:00	9	19	28	12	18	17	26	24	28	26	17	20	244
18:00	27	17	18	19	18	9	8	24	18	24	11	19	212
19:00	19	14	15	12	10	15	10	16	16	12	9	8	156
20:00	13	12	11	5	7	10	18	20	25	12	15	17	165
21:00	12	13	10	9	6	9	5	6	3	4	4	5	86
22:00	3	5	10	9	10	6	2	6	4	5	2	2	64
23:00	3	1	0	1	2	2	2	2	2	5	1	3	24

Daily Total: 2656

AM Peak Hour: 276 (07:25 - 08:25)

10.3% Of Daily Total

PM Peak Hour: 262 (17:05 - 18:05)

9.86% Of Daily Total

4th Highest Hour: 210 (14:00 - 15:00)

7.90% Of Daily Total

8th Highest Hour: 165 (20:00 - 21:00)

6.21% Of Daily Total

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

Roadway: 45TH STREET
 Location: WEST OF MAIN

Date: 09/23/03
 Day of Week: Tuesday

EB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	0	3	0	2	1	3	1	1	0	2	0	1	14
01:00	3	0	2	0	0	0	0	1	0	1	1	1	9
02:00	0	0	0	0	0	0	0	2	1	0	0	0	3
03:00	0	0	2	3	1	1	0	0	1	0	0	0	8
04:00	4	0	1	1	0	4	1	1	2	2	1	5	22
05:00	1	0	1	2	6	1	2	0	9	10	3	10	45
06:00	9	9	6	6	9	10	6	15	12	16	14	15	127
07:00	11	12	10	11	15	13	9	16	35	16	17	27	192
08:00	14	16	15	17	25	40	28	31	24	25	25	21	281
09:00	26	12	16	9	15	9	14	11	8	16	19	9	164
10:00	11	15	9	8	7	8	9	10	10	12	11	12	122
11:00	12	16	9	21	20	10	16	16	20	14	15	10	179
12:00	11	8	14	9	5	10	5	14	14	10	13	20	133
13:00	7	9	4	19	9	13	10	17	15	15	19	14	151
14:00	11	8	4	5	11	7	9	6	11	11	17	18	118
15:00	26	39	31	19	6	28	12	29	21	15	19	11	256
16:00	18	13	11	18	17	15	21	11	13	17	18	16	188
17:00	15	21	21	26	20	15	17	18	21	24	20	12	230
18:00	24	14	19	20	14	16	17	25	11	24	20	29	233
19:00	23	8	11	13	8	12	8	12	10	10	15	6	136
20:00	17	8	6	7	16	12	8	6	3	10	9	8	110
21:00	7	9	8	14	7	4	6	5	8	11	3	7	89
22:00	8	4	10	4	4	5	2	3	6	4	4	7	61
23:00	1	3	1	3	2	5	3	1	0	4	2	2	27

Daily Total: 2898

AM Peak Hour: 293 (08:05 - 09:05)

10.1% Of Daily Total

PM Peak Hour: 263 (14:55 - 15:55)

9.07% Of Daily Total

4th Highest Hour: 230 (17:00 - 18:00)

7.93% Of Daily Total

8th Highest Hour: 164 (09:00 - 10:00)

5.65% Of Daily Total

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

Roadway: MAIN STREET
 Location: NORTH OF 45TH STREET

Date: 09/23/03
 Day of Week: Tuesday

SB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	5	4	2	2	2	6	8	1	6	4	4	3	47
01:00	0	5	2	2	1	1	1	2	2	1	1	1	19
02:00	2	2	2	1	2	0	2	1	3	4	2	1	22
03:00	3	5	1	3	1	0	2	8	2	2	0	0	27
04:00	0	0	5	2	4	7	2	2	4	5	4	3	38
05:00	6	4	2	8	8	11	11	7	15	21	18	8	119
06:00	17	21	24	25	29	55	73	108	99	95	60	69	675
07:00	49	60	93	101	137	142	148	165	166	143	157	142	1503
08:00	52	51	74	84	74	48	42	48	46	72	56	47	694
09:00	44	46	42	38	34	34	34	41	36	47	32	31	459
10:00	33	36	24	39	38	41	31	37	31	34	33	51	428
11:00	32	46	37	33	43	31	38	41	39	54	43	34	471
12:00	46	57	37	50	44	39	58	42	41	45	55	47	561
13:00	37	45	49	40	38	43	37	44	53	39	47	38	510
14:00	45	41	32	48	54	47	53	49	57	50	51	46	573
15:00	55	44	51	52	53	51	42	63	45	52	45	53	606
16:00	53	45	44	42	49	41	52	33	34	43	41	38	515
17:00	57	30	47	47	47	51	46	46	48	52	46	38	555
18:00	38	45	34	48	47	39	34	41	44	46	40	30	486
19:00	34	32	32	27	32	32	28	27	42	33	29	22	370
20:00	29	33	22	31	26	23	26	26	34	32	25	26	333
21:00	17	24	12	17	26	19	7	12	14	12	13	11	184
22:00	13	11	18	15	21	8	13	10	8	9	11	11	148
23:00	11	12	8	8	7	5	3	11	6	2	6	3	82

Daily Total: 9425

AM Peak Hour: 1506 (07:05 - 08:05)

15.9% Of Daily Total

PM Peak Hour: 615 (14:40 - 15:40)

6.52% Of Daily Total

4th Highest Hour: 606 (15:00 - 16:00)

6.42% Of Daily Total

8th Highest Hour: 515 (16:00 - 17:00)

5.46% Of Daily Total

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

Roadway: MAIN STREET
 Location: NORTH OF 45TH

Date: 09/23/03
 Day of Week: Tuesday

NB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	1	8	6	4	4	6	1	1	1	5	0	3	40
01:00	3	4	1	4	2	2	2	1	0	1	2	4	26
02:00	1	4	0	3	4	3	2	2	2	1	1	1	24
03:00	7	2	2	1	2	0	3	2	3	1	0	0	23
04:00	0	1	2	1	1	2	1	2	1	3	4	3	21
05:00	6	2	0	5	3	2	4	5	13	8	5	12	65
06:00	7	4	6	7	11	17	15	12	15	22	17	16	149
07:00	16	17	13	16	21	18	18	26	32	36	28	24	265
08:00	37	20	33	29	34	51	49	25	27	41	35	35	416
09:00	47	27	27	31	30	28	29	26	27	25	34	23	354
10:00	37	34	34	30	17	23	28	26	31	26	18	25	329
11:00	41	36	25	36	42	40	44	40	56	38	44	46	488
12:00	59	45	45	34	36	38	30	36	35	38	30	32	458
13:00	30	31	39	36	34	36	27	44	30	34	48	35	424
14:00	45	25	24	36	46	42	37	36	29	35	50	44	449
15:00	50	76	59	48	36	58	43	71	55	49	43	49	637
16:00	60	47	59	59	45	59	52	47	46	56	55	49	634
17:00	62	78	67	81	56	58	59	45	57	58	44	41	706
18:00	61	36	46	44	26	38	41	42	32	27	29	35	457
19:00	22	18	39	32	29	30	22	23	27	25	35	29	331
20:00	42	22	30	28	26	26	20	38	28	18	26	30	334
21:00	19	17	15	17	21	18	14	16	14	12	17	10	190
22:00	15	14	9	5	12	9	12	7	7	7	8	9	114
23:00	7	6	4	4	4	6	4	6	2	4	8	3	58

Daily Total: 6992

AM Peak Hour: 488 (11:00 - 12:00)

6.97% Of Daily Total

PM Peak Hour: 725 (16:50 - 17:50)

10.3% Of Daily Total

4th Highest Hour: 488 (11:00 - 12:00)

6.97% Of Daily Total

8th Highest Hour: 424 (13:00 - 14:00)

6.06% Of Daily Total

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

Roadway: MAIN STREET
 Location: SOUTH OF 45TH

Date: 09/23/03
 Day of Week: Tuesday

NB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	5	3	9	4	3	4	3	3	1	4	0	5	44
01:00	3	3	1	5	2	1	2	0	1	0	3	2	23
02:00	1	4	2	2	4	3	4	2	1	1	1	4	29
03:00	4	3	1	1	1	0	3	2	2	1	0	1	19
04:00	1	0	2	1	2	1	1	2	0	5	3	4	22
05:00	5	2	2	2	2	2	4	9	7	3	5	6	49
06:00	4	4	5	6	10	14	10	10	13	6	15	8	105
07:00	16	11	6	13	17	12	18	18	20	22	18	20	191
08:00	28	25	19	23	23	27	31	12	25	26	35	22	296
09:00	32	27	28	19	20	25	21	22	27	18	16	29	284
10:00	23	29	30	24	19	20	27	26	30	14	20	26	288
11:00	32	27	17	30	28	39	36	36	43	42	50	42	422
12:00	50	45	32	35	34	29	31	27	33	32	20	31	399
13:00	22	38	43	31	25	27	29	34	29	37	33	33	381
14:00	32	22	32	43	30	52	31	34	34	35	33	31	409
15:00	53	37	45	36	40	56	37	52	50	46	42	45	539
16:00	53	57	53	46	46	50	54	34	58	50	47	46	594
17:00	57	74	68	56	57	41	51	65	48	44	41	44	646
18:00	42	40	36	28	35	25	35	38	28	23	22	28	380
19:00	20	21	30	32	18	24	21	20	22	26	27	36	297
20:00	23	36	23	27	24	21	31	65	19	17	20	30	336
21:00	24	18	13	22	14	21	21	16	9	13	19	8	198
22:00	13	10	9	11	10	11	6	9	5	11	9	8	112
23:00	5	5	2	3	10	2	6	6	7	4	5	3	58

Daily Total: 6121

AM Peak Hour: 422 (11:00 - 12:00)

6.89% Of Daily Total

PM Peak Hour: 670 (16:40 - 17:40)

10.9% Of Daily Total

4th Highest Hour: 422 (11:00 - 12:00)

6.89% Of Daily Total

8th Highest Hour: 380 (18:00 - 19:00)

6.20% Of Daily Total

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

Roadway: MAIN STREET
 Location: SOUTH OF 45TH STREET

Date: 09/23/03
 Day of Week: Tuesday

SB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	3	5	2	2	3	6	8	1	3	6	3	2	44
01:00	3	4	4	2	2	1	1	2	2	1	1	1	24
02:00	2	0	1	0	3	0	1	2	4	2	2	1	18
03:00	1	6	3	3	2	1	2	8	3	1	1	1	32
04:00	1	0	7	2	3	8	3	1	4	6	5	5	45
05:00	7	4	3	6	10	10	10	10	12	26	22	12	132
06:00	23	21	22	28	32	59	66	107	101	85	82	54	680
07:00	60	58	89	102	119	140	131	158	146	149	136	125	1413
08:00	51	46	59	62	62	48	46	52	49	66	64	43	648
09:00	36	51	40	43	29	33	34	38	27	47	36	31	445
10:00	33	37	21	42	34	42	31	31	26	25	25	46	393
11:00	30	32	44	34	41	28	34	41	34	48	49	28	443
12:00	41	48	35	47	32	41	49	40	37	35	54	49	508
13:00	31	38	42	35	34	44	34	45	45	46	41	35	470
14:00	40	34	37	35	37	45	41	44	46	31	41	34	465
15:00	40	46	47	45	32	43	40	41	44	42	54	49	523
16:00	38	44	37	43	33	28	49	31	30	35	27	34	429
17:00	57	26	38	46	29	50	34	34	37	41	46	25	463
18:00	22	37	33	31	45	42	30	33	33	44	46	36	432
19:00	26	29	25	25	25	22	24	17	30	30	22	23	298
20:00	20	29	20	30	22	21	17	25	26	28	16	20	274
21:00	10	13	12	15	19	17	7	10	16	13	14	10	156
22:00	12	7	11	16	16	9	8	9	8	8	11	9	124
23:00	11	12	11	6	8	7	3	9	4	2	4	3	80

Daily Total: 8539

AM Peak Hour: 1413 (07:00 - 08:00)

16.5% Of Daily Total

PM Peak Hour: 523 (15:00 - 16:00)

6.12% Of Daily Total

4th Highest Hour: 523 (15:00 - 16:00)

6.12% Of Daily Total

8th Highest Hour: 463 (17:00 - 18:00)

5.42% Of Daily Total