

Roadway Survey Field Sheet

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

Location: E 33RD + ST JOHNS BLVD

Location ID: _____ City: VANCOUVER

Type of Survey

Volume

Speed

Classification

Start Date: 9/23/03 Counters _____

S M T W T F S

End Date: 9/25/03 Tubes 8

S M T W T F S

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	<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 checked="" type="checkbox"/> 25 Mph	<input type="checkbox"/> 45 Mph	(TAD, TBD) [A] [B] [M] [D] Use 2 Counters if Traffic Conditions are different in each direction.																																			
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: _____																																						

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	DIRECTION	COMBINED	ROAD	VEHICLE SPEED / CLASSIFICATION
Type: <u>AMAX</u>	<input type="checkbox"/> East Bound <input type="checkbox"/> West Bound <input type="checkbox"/> North Bound <input type="checkbox"/> South Bound <input type="checkbox"/> Approach	<input type="checkbox"/> East / West <input type="checkbox"/> North / South DRWY: <input type="checkbox"/> Combined <input type="checkbox"/> In-Bound <input type="checkbox"/> Out-Bound	<input checked="" type="checkbox"/> Dry <input type="checkbox"/> Wet <input checked="" type="checkbox"/> Asphalt <input type="checkbox"/> Concrete <input type="checkbox"/> Broken <input type="checkbox"/> Rutted <input type="checkbox"/> Curved	
No. <u>15/29/X8/82</u>	NORTH IS UP NORTH NORTH IS UP			X8 TUBE MISSING
Box <u>41/67/A2/81</u>	42 82 33RD 67 81			END NOT DONE
Tube Length <u>40</u>	<input type="checkbox"/> Hammer Test			UNTIED 15
CHECK DATE TIME	<input type="checkbox"/> REDUNDANT SET-UP			Remarks: WEATHER: <input checked="" type="checkbox"/> Sunny <input type="checkbox"/> Overcast <input type="checkbox"/> Rain <input type="checkbox"/> Snow Rebo North Leg: <u>NB</u>
P F	Date: _____ Time: _____			Surveyed By: <u>M.P.</u>
P F	FILE NAMES			TRAFFIC SMITHY, Inc. 1225 NW Murray Blvd. Suite 111 Portland, OR 97229 Phone: 503/641-6333 - Fax: 503/643-8866
P F	25JONS15 25JONN29 25JONNX8 25JONS82 2533DW41 2533DE67 2533DEA2 2533DW81			

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

Roadway: ST JOHNS BOULEVARD
 Location: SOUTH OF EAST 33RD 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	2	3	2	0	5	3	0	1	4	0	0	1	21
01:00	3	0	1	1	0	1	0	1	0	1	1	2	11
02:00	3	2	0	4	1	1	1	2	3	4	1	2	24
03:00	0	0	0	1	1	0	1	1	0	1	0	2	7
04:00	0	0	1	1	3	4	1	1	0	1	1	1	14
05:00	4	0	1	1	4	3	7	8	4	4	11	8	55
06:00	9	7	15	5	15	17	17	38	30	45	46	26	270
07:00	28	57	55	53	54	54	67	73	81	97	77	74	770
08:00	65	45	41	46	46	49	38	71	53	69	41	54	618
09:00	32	22	45	38	29	40	46	49	52	32	34	38	457
10:00	30	34	27	30	34	28	24	41	39	45	35	37	404
11:00	20	22	42	35	14	49	16	30	49	40	44	35	396
12:00	30	26	33	24	32	33	34	27	46	30	51	37	403
13:00	25	32	22	27	25	14	24	30	21	25	40	19	304
14:00	25	35	37	24	33	45	22	27	28	17	28	32	353
15:00	30	27	40	26	33	23	28	26	37	43	39	29	381
16:00	37	30	26	23	31	20	41	28	30	36	29	36	367
17:00	15	41	37	37	34	58	35	42	38	48	37	34	456
18:00	31	30	35	33	41	29	24	31	28	19	21	31	353
19:00	16	9	18	19	18	20	10	14	26	19	11	10	190
20:00	16	11	19	16	11	17	10	7	17	12	17	15	168
21:00	9	10	20	15	8	11	7	15	11	6	7	10	129
22:00	9	6	4	1	11	5	5	6	4	10	4	7	72
23:00	6	4	0	2	5	2	3	3	4	1	1	4	35

Daily Total: 6258

AM Peak Hour: 807 (07:05 - 08:05)

12.8% Of Daily Total

PM Peak Hour: 472 (17:05 - 18:05)

7.54% Of Daily Total

4th Highest Hour: 456 (17:00 - 18:00)

7.28% Of Daily Total

8th Highest Hour: 381 (15:00 - 16:00)

6.08% Of Daily Total

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

Roadway: ST JOHNS BOULEVARD
 Location: SOUTH OF EAST 33RD STREET

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	2	0	1	5	4	2	1	0	2	5	1	0	23
01:00	0	5	0	5	3	1	1	1	0	1	1	1	19
02:00	0	2	1	1	1	2	3	3	1	3	2	2	21
03:00	3	0	0	0	0	0	1	1	3	0	0	1	9
04:00	1	2	1	0	2	1	1	1	0	0	2	1	12
05:00	0	1	1	3	4	2	4	6	4	2	6	3	36
06:00	9	5	5	5	6	5	10	8	9	8	11	8	89
07:00	11	12	13	25	16	19	17	19	14	22	19	26	213
08:00	14	16	11	17	16	16	24	12	15	9	26	34	210
09:00	29	19	31	15	17	29	20	15	18	20	23	28	264
10:00	30	23	23	19	27	32	28	15	26	27	29	48	327
11:00	45	37	25	25	25	21	34	32	37	26	36	40	383
12:00	40	53	48	30	26	39	27	28	31	27	27	30	406
13:00	47	42	59	33	30	36	28	40	25	32	32	28	432
14:00	34	38	60	56	49	45	40	33	42	35	33	38	503
15:00	32	41	29	21	28	41	40	38	46	32	50	28	426
16:00	38	48	38	30	33	34	40	44	30	36	36	38	445
17:00	35	40	54	56	44	28	37	43	30	35	33	29	464
18:00	31	24	39	25	35	28	39	22	28	25	17	21	334
19:00	17	15	23	16	13	21	12	20	21	25	36	35	254
20:00	24	32	12	21	16	23	38	33	18	38	32	30	317
21:00	36	24	17	26	21	22	12	11	11	9	8	12	209
22:00	8	8	5	3	3	7	11	9	3	3	2	6	68
23:00	1	7	3	3	5	3	1	5	2	4	1	3	38

Daily Total: 5502

AM Peak Hour: 391 (10:55 - 11:55)

7.10% Of Daily Total

PM Peak Hour: 504 (14:10 - 15:10)

9.16% Of Daily Total

4th Highest Hour: 432 (13:00 - 14:00)

7.85% Of Daily Total

8th Highest Hour: 334 (18:00 - 19:00)

6.07% Of Daily Total

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

Roadway: ST JOHNS BOULEVARD
 Location: NORTH OF EAST 33RD 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	5	6	4	8	4	3	4	2	2	2	2	47
01:00	2	0	6	1	4	4	2	2	0	1	1	3	26
02:00	4	1	7	1	2	2	5	2	2	4	1	5	36
03:00	1	0	0	0	2	1	2	0	1	0	0	4	11
04:00	2	1	3	3	4	5	2	1	1	2	4	3	31
05:00	6	2	4	3	4	10	8	11	10	12	21	9	100
06:00	11	20	19	22	16	23	22	54	52	59	56	42	396
07:00	41	76	61	60	69	58	98	105	101	113	92	92	966
08:00	63	70	57	76	50	70	69	68	78	70	71	51	793
09:00	40	51	65	41	60	29	71	62	48	66	45	44	622
10:00	37	31	32	41	73	31	43	63	35	61	43	45	535
11:00	31	57	44	34	49	46	39	48	60	80	40	51	579
12:00	46	34	42	45	47	32	43	40	45	77	39	53	543
13:00	50	48	36	35	44	33	31	52	29	38	65	53	514
14:00	40	44	46	27	72	56	44	45	48	35	37	50	544
15:00	51	51	33	67	36	46	37	66	61	66	58	55	627
16:00	50	49	51	47	37	30	59	63	56	51	40	68	601
17:00	45	45	74	57	58	76	71	45	57	64	61	42	695
18:00	42	40	56	65	50	48	39	41	50	32	36	41	540
19:00	21	22	37	35	36	24	22	33	38	31	20	26	345
20:00	22	33	34	26	23	28	24	16	34	19	24	16	299
21:00	28	26	22	24	17	15	18	19	14	17	14	12	226
22:00	16	14	8	10	20	10	11	11	12	10	11	14	147
23:00	9	4	6	8	4	5	4	11	5	5	1	11	73

Daily Total: 9296

AM Peak Hour: 994 (07:20 - 08:20)

10.6% Of Daily Total

PM Peak Hour: 721 (16:55 - 17:55)

7.75% Of Daily Total

4th Highest Hour: 627 (15:00 - 16:00)

6.74% Of Daily Total

8th Highest Hour: 544 (14:00 - 15:00)

5.85% Of Daily Total

TRAFFIC SMITHY, INC
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 Phone: 503-641-6333 Fax: 503-643-8866

Roadway: E 33RD STREET
 Location: WEST OF ST JOHNS

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	2	1	5	2	3	2	0	1	3	0	0	2	21
01:00	0	3	0	0	0	0	0	1	0	0	0	0	4
02:00	1	0	0	0	1	0	0	2	1	1	1	0	7
03:00	2	0	0	0	1	1	0	3	1	1	0	0	9
04:00	1	1	0	2	2	0	0	2	3	0	1	1	13
05:00	0	0	0	1	0	3	2	1	4	3	1	5	20
06:00	3	4	6	5	3	3	3	8	8	7	8	9	67
07:00	7	6	7	9	6	8	10	10	14	8	13	12	110
08:00	8	9	12	13	14	11	12	12	14	16	10	9	140
09:00	14	9	12	16	9	9	8	7	16	14	8	6	128
10:00	8	11	10	11	12	13	11	13	9	13	10	7	128
11:00	14	11	6	7	10	20	12	12	14	15	8	9	138
12:00	17	14	13	5	11	9	9	6	8	11	13	17	133
13:00	8	16	26	13	11	11	13	15	11	12	15	21	172
14:00	14	14	10	18	12	18	14	28	17	14	7	15	181
15:00	11	13	10	13	18	20	13	18	20	18	17	20	191
16:00	16	13	16	15	15	16	16	23	16	28	23	25	222
17:00	12	23	22	17	22	12	16	19	8	18	20	14	203
18:00	18	8	12	15	24	13	15	15	11	12	18	15	176
19:00	14	7	11	18	20	13	10	9	8	13	10	19	152
20:00	12	10	9	10	16	5	17	13	11	4	8	8	123
21:00	9	14	9	19	5	10	11	7	5	9	6	10	114
22:00	5	8	5	5	4	7	8	2	6	4	3	3	60
23:00	4	2	1	3	1	5	2	3	6	2	2	3	34

Daily Total: 2546

AM Peak Hour: 149 (08:20 - 09:20)

5.85% Of Daily Total

PM Peak Hour: 243 (16:25 - 17:25)

9.54% Of Daily Total

4th Highest Hour: 181 (14:00 - 15:00)

7.10% Of Daily Total

8th Highest Hour: 140 (08:00 - 09:00)

5.49% Of Daily Total

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

Roadway: EAST 33RD STREET
 Location: WEST OF ST JOHNS

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	1	0	1	3	1	0	1	1	1	0	1	2	12
01:00	2	0	0	0	1	1	0	1	0	0	2	1	8
02:00	2	1	1	0	0	2	0	0	0	1	1	0	8
03:00	3	0	2	0	0	1	0	0	0	0	0	0	6
04:00	0	0	0	2	1	2	4	1	1	1	0	1	13
05:00	0	1	1	1	2	0	1	6	3	4	2	3	24
06:00	6	2	1	8	8	11	11	7	14	7	6	6	87
07:00	11	14	11	5	8	10	12	15	14	18	19	5	142
08:00	12	17	6	18	10	6	10	9	7	4	10	7	116
09:00	8	9	12	5	6	13	13	8	7	9	9	13	112
10:00	13	14	11	16	3	11	13	13	8	16	11	13	142
11:00	5	10	9	10	12	7	9	15	12	11	17	5	122
12:00	12	11	6	13	11	9	12	10	5	14	13	8	124
13:00	17	17	10	15	9	9	11	8	9	10	17	10	142
14:00	14	14	5	14	4	16	22	14	16	15	8	23	165
15:00	16	22	34	24	14	19	21	17	24	25	17	17	250
16:00	18	11	32	16	18	18	21	26	24	32	20	25	261
17:00	26	17	23	21	26	20	25	17	13	21	14	16	239
18:00	17	18	11	13	14	7	12	16	15	17	17	10	167
19:00	15	13	10	8	13	11	7	15	14	10	9	9	134
20:00	10	12	5	7	7	8	5	10	9	12	8	4	97
21:00	11	5	14	10	6	4	7	9	1	4	6	6	83
22:00	6	10	5	4	4	5	5	4	1	5	2	4	55
23:00	5	2	2	3	3	0	2	4	3	1	1	4	30

Daily Total: 2539

AM Peak Hour: 156 (07:25 - 08:25)

6.14% Of Daily Total

PM Peak Hour: 285 (16:35 - 17:35)

11.2% Of Daily Total

4th Highest Hour: 167 (18:00 - 19:00)

6.57% Of Daily Total

8th Highest Hour: 142 (13:00 - 14:00)

5.59% Of Daily Total

TRAFFIC SMITHY, INC
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Roadway: EAST 33RD STREET
 Location: EAST OF ST JOHNS

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	2	0	2	3	2	1	4	3	2	4	1	2	26
01:00	0	1	4	2	4	4	1	1	0	0	0	2	19
02:00	0	2	4	0	1	2	4	0	0	0	2	0	15
03:00	0	1	0	0	0	1	1	0	0	0	1	0	4
04:00	1	1	2	2	2	5	0	1	0	1	3	4	22
05:00	2	3	1	1	1	4	5	8	3	8	7	1	44
06:00	6	12	10	11	8	8	15	15	14	17	13	12	141
07:00	13	19	18	8	13	13	18	15	28	29	16	17	207
08:00	23	25	16	13	22	15	11	22	9	18	15	14	203
09:00	16	11	20	14	12	14	12	12	15	12	18	16	172
10:00	15	14	9	10	26	13	15	12	9	16	14	18	171
11:00	12	18	18	19	12	19	15	18	22	14	14	14	195
12:00	20	14	14	13	13	14	14	9	19	13	22	14	179
13:00	17	17	17	14	18	19	21	11	12	15	17	17	195
14:00	13	17	11	16	17	15	26	24	29	19	14	21	222
15:00	26	22	23	31	30	20	24	24	37	28	30	13	308
16:00	25	26	28	16	15	22	22	31	30	29	27	32	303
17:00	16	22	24	17	29	26	36	16	20	22	31	21	280
18:00	20	25	19	23	13	22	17	22	21	21	14	18	235
19:00	11	31	10	15	15	14	13	18	14	20	11	14	186
20:00	18	19	12	8	17	15	10	13	12	15	11	9	159
21:00	14	11	15	13	12	4	12	14	6	6	8	9	124
22:00	5	18	9	4	6	2	9	6	4	5	3	4	75
23:00	4	7	3	4	2	1	2	5	4	4	0	5	41

Daily Total: 3526

AM Peak Hour: 237 (07:30 - 08:30)

6.72% Of Daily Total

PM Peak Hour: 319 (16:35 - 17:35)

9.04% Of Daily Total

4th Highest Hour: 235 (18:00 - 19:00)

6.66% Of Daily Total

8th Highest Hour: 195 (11:00 - 12:00)

5.53% Of Daily Total

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

Roadway: EAST 33RD STREET
 Location: EAST OF ST JOHNS

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	6	2	4	0	2	3	3	1	6	3	1	2	33
01:00	2	2	1	0	2	3	3	2	2	1	3	2	23
02:00	0	2	0	0	3	1	0	4	2	0	0	1	13
03:00	2	0	0	0	0	2	1	3	1	1	1	1	12
04:00	0	0	2	2	3	2	2	0	2	3	2	3	21
05:00	2	2	5	3	2	5	7	6	5	8	6	5	56
06:00	8	8	14	9	13	9	5	13	14	17	12	15	137
07:00	14	9	14	12	14	16	16	13	13	11	21	21	174
08:00	19	22	17	32	17	13	26	20	19	21	13	15	234
09:00	17	19	24	20	21	12	10	10	21	22	16	24	216
10:00	15	31	17	18	14	18	17	23	21	24	15	16	229
11:00	22	21	18	21	20	22	11	29	18	23	25	20	250
12:00	32	25	24	23	19	24	21	25	23	24	25	27	292
13:00	23	24	30	19	26	26	18	21	20	18	26	26	277
14:00	21	22	27	30	29	25	26	38	32	35	26	23	334
15:00	27	40	31	30	29	29	25	34	31	41	34	27	378
16:00	23	30	27	32	29	38	33	31	29	37	31	33	373
17:00	32	39	35	40	32	28	30	38	39	25	25	28	391
18:00	28	25	19	30	30	17	28	22	25	21	28	21	294
19:00	23	26	18	24	21	19	14	20	25	16	25	26	257
20:00	22	23	22	12	13	15	17	18	17	10	16	12	197
21:00	17	11	14	17	15	20	17	19	15	11	15	15	186
22:00	13	12	17	11	5	8	6	8	7	6	1	4	98
23:00	5	9	8	5	7	9	5	2	6	3	3	2	64

Daily Total: 4539

AM Peak Hour: 250 (11:00 - 12:00)

5.50% Of Daily Total

PM Peak Hour: 414 (16:45 - 17:45)

9.12% Of Daily Total

4th Highest Hour: 334 (14:00 - 15:00)

7.35% Of Daily Total

8th Highest Hour: 257 (19:00 - 20:00)

5.66% Of Daily Total

Roadway Survey Field Sheet

TS Project # _____ Map _____ Grid _____ Start Time **11:20** # Of Days _____

Location: **E. 33RD + ST. JOHNS**

Type of Survey:
 Volume
 Speed
 Classification

Start Date: **9/30/03**

S M **T** W T F S

End Date: **10/02/03**

S M T W **T** F S

Counters _____

Tubes _____

Location ID: _____

City: **VANCOUVER**

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 checked="" type="checkbox"/> 25 Mph	<input type="checkbox"/> 45 Mph	(TAD, TBD) A 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																																				
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			Other: _____		Use 2 Counters if Traffic Conditions are different in each direction.																																				

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. **65**

Box _____

Tube Length _____

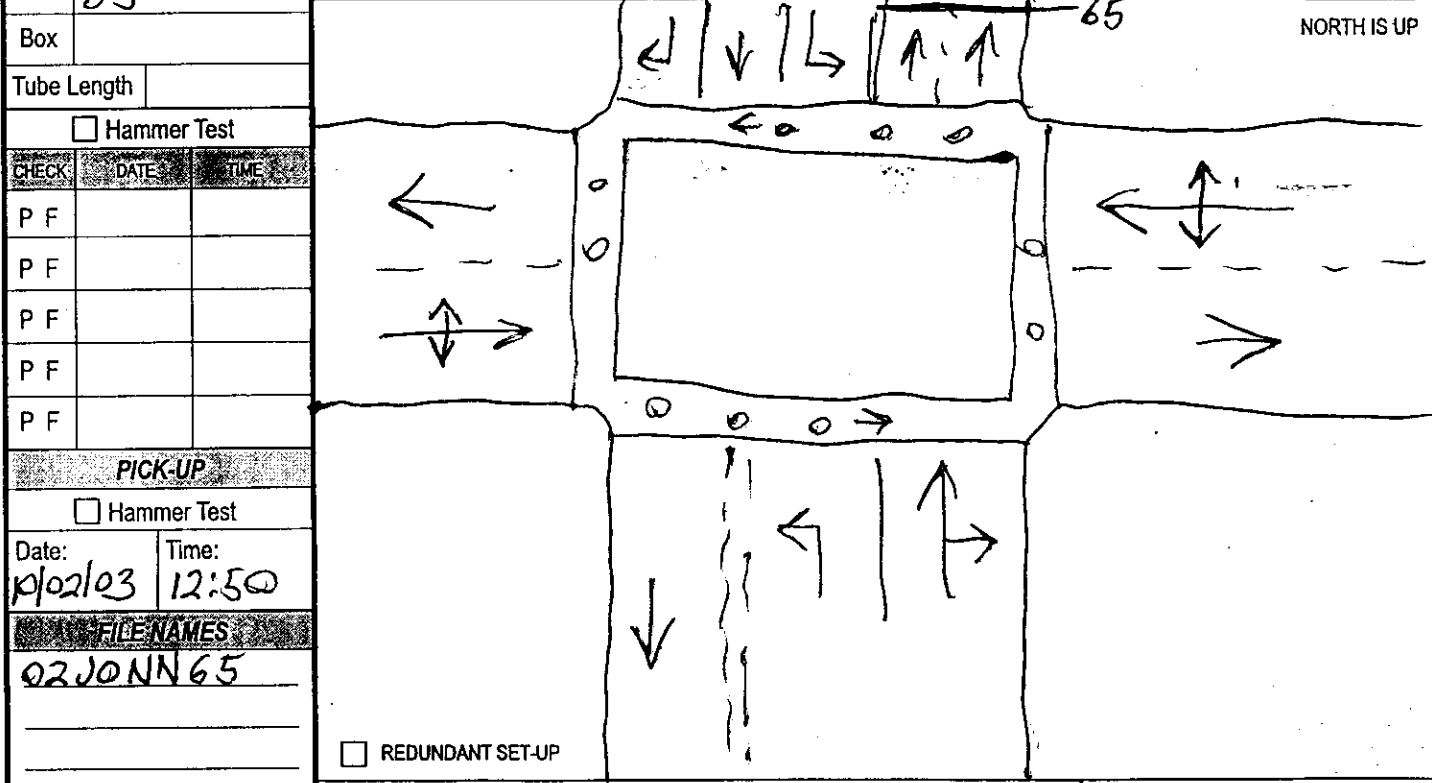
Hammer Test

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



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

PICK-UP

Hammer Test

Date: **10/02/03** Time: **12:50**

FILE NAMES

02JONN65

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: ST JOHNS ROAD
 Location: NORTH OF E 33RD STREET

Date: 10/01/03
 Day of Week: Wednesday

NB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	5	2	4	3	5	1	1	3	1	5	2	0	32
01:00	3	1	0	2	1	1	1	2	3	1	3	1	19
02:00	0	1	3	5	0	1	2	2	3	1	4	0	22
03:00	4	2	1	1	0	0	0	2	2	0	1	2	15
04:00	1	0	2	0	2	0	0	1	0	5	0	1	12
05:00	2	2	3	4	5	3	8	7	8	5	5	11	63
06:00	9	9	7	11	14	16	12	16	21	14	15	7	151
07:00	11	13	26	17	19	20	21	35	22	34	25	33	276
08:00	22	25	16	21	16	20	15	14	22	19	28	31	249
09:00	27	29	24	20	22	13	27	14	19	27	34	38	294
10:00	51	23	22	18	22	27	23	30	24	28	19	44	331
11:00	51	39	27	41	32	24	25	28	38	31	31	54	421
12:00	53	63	42	38	36	34	38	33	22	31	27	49	466
13:00	43	72	62	45	39	26	35	31	22	36	34	29	474
14:00	46	55	56	37	57	62	35	57	46	45	39	47	582
15:00	53	39	57	44	48	38	38	62	49	44	43	40	555
16:00	53	55	52	63	39	59	36	52	44	48	49	26	576
17:00	53	48	69	59	56	43	52	69	43	60	57	55	664
18:00	73	61	56	68	60	60	69	56	43	32	35	47	660
19:00	27	50	31	20	19	35	20	30	27	29	39	36	363
20:00	26	26	24	27	30	41	21	28	37	28	39	41	368
21:00	41	31	32	32	20	14	18	15	8	16	14	9	250
22:00	7	7	7	5	12	8	8	7	3	5	6	5	80
23:00	5	6	2	5	2	5	9	1	3	0	3	1	42

Daily Total: 6965

AM Peak Hour: 421 (11:00 - 12:00)

6.04% Of Daily Total

PM Peak Hour: 731 (17:35 - 18:35)

10.4% Of Daily Total

4th Highest Hour: 576 (16:00 - 17:00)

8.26% Of Daily Total

8th Highest Hour: 421 (11:00 - 12:00)

6.04% Of Daily Total