

Roadway Survey Field Sheet

TS Project # _____ Map _____ Grid _____ Start Time **11:45** # Of Days _____

Location: **VANCOUVER PLAZA DR + THURSTON WAY**
 City: **VANCOUVER**
 Location ID: _____

Type Of Survey:
 Volume
 Speed
 Classification

Start Date: **9/15/03** Counters **6**
 S M T W T F S
 End Date: **9/19/03** 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 checked="" 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 checked="" 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. <table border="1"> <tr> <td colspan="6">DWELL (TAD, TBD)</td> </tr> </table>						DWELL (TAD, TBD)																													
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: **AMAX**

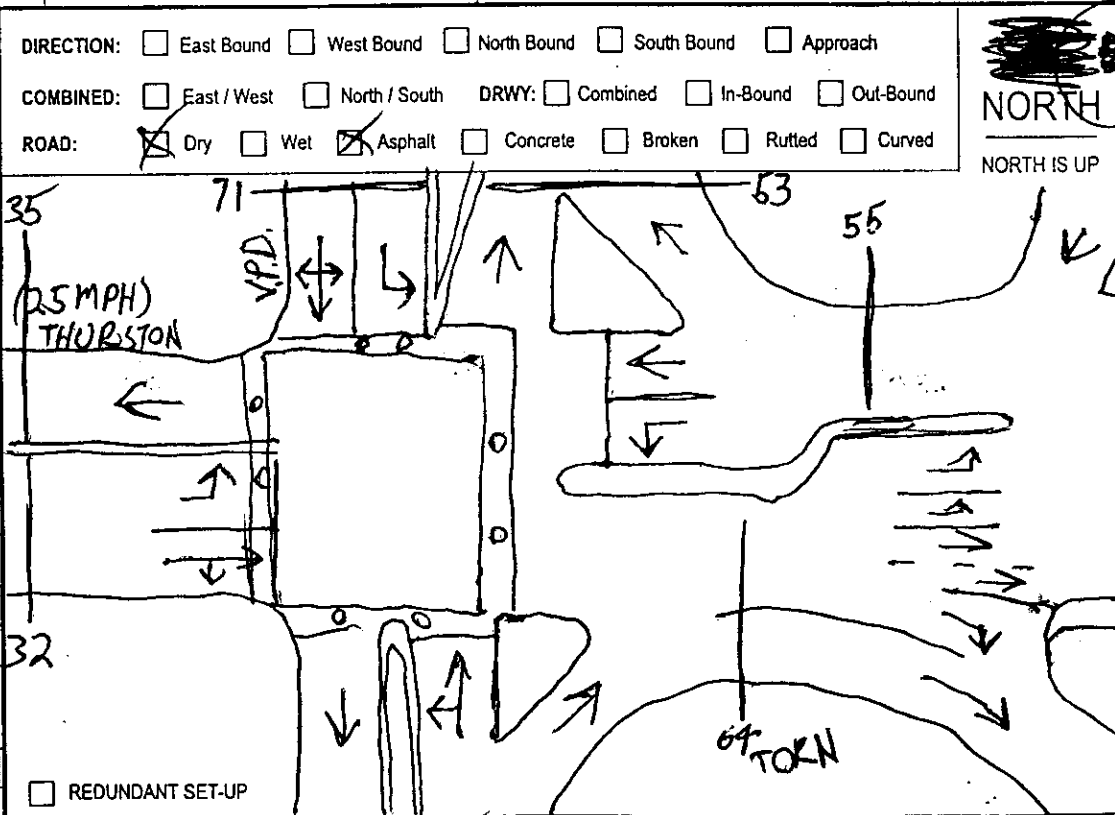
No.: **64/55/71/53**

Box: **32/35**

Tube Length: **49/60**

Hammer Test

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



PICK-UP

Hammer Test

Date: **9/19/03** Time: **10:00**

FILE NAMES

19TURN64
 19TUR55
 19VPDF71
 19VPDW53
 19TURN32
 19TUR535

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: THURSTON WAY
 Location: NORTH OF VANCOUVER PLAZA DRIVE

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	4	6	0	9	4	5	6	4	6	5	6	7	62
01:00	2	1	4	1	3	3	2	4	0	1	2	1	24
02:00	4	2	2	4	1	2	2	1	2	0	1	0	21
03:00	3	0	0	2	0	1	0	1	2	0	0	0	9
04:00	2	1	0	0	6	2	0	3	0	2	0	1	17
05:00	1	5	2	3	3	7	3	4	4	6	1	1	40
06:00	1	7	9	9	11	11	8	12	10	7	13	10	108
07:00	17	13	7	8	6	10	14	18	16	13	22	13	157
08:00	12	11	21	20	25	17	13	22	20	18	23	17	219
09:00	15	36	24	18	25	25	23	32	36	38	29	32	333
10:00	47	34	39	31	33	31	39	44	28	31	42	39	438
11:00	55	37	36	47	45	44	53	51	50	50	59	55	582
12:00	57	71	72	53	51	64	62	52	71	85	52	66	756
13:00	57	64	73	66	65	44	62	59	63	53	62	49	717
14:00	62	50	52	61	55	63	67	70	64	54	54	60	712
15:00	53	69	64	42	55	59	61	48	58	59	58	70	696
16:00	55	44	45	63	52	61	58	62	49	63	57	65	674
17:00	58	56	74	70	67	53	68	60	67	56	59	60	748
18:00	61	48	69	64	52	57	62	63	63	49	48	43	679
19:00	64	37	59	40	42	53	48	47	38	60	52	50	590
20:00	45	52	44	35	46	43	49	57	33	43	47	35	529
21:00	29	31	36	23	20	20	38	25	16	14	15	12	279
22:00	16	17	18	10	10	12	17	8	8	15	12	8	151
23:00	14	14	10	5	11	4	10	9	9	8	3	3	100

Daily Total: 8641

AM Peak Hour: 582 (11:00 - 12:00)

PM Peak Hour: 777 (12:25 - 13:25)

4th Highest Hour: 712 (14:00 - 15:00)

8th Highest Hour: 590 (19:00 - 20:00)

6.73% Of Daily Total

8.99% Of Daily Total

8.23% Of Daily Total

6.82% Of Daily Total

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

Roadway: THURSTON WAY
 Location: NORTH OF VANCOUVER PLAZA DRIVE

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	2	1	5	2	6	4	4	2	6	2	3	0	37
01:00	5	4	5	6	1	3	0	1	3	1	3	3	35
02:00	2	4	1	0	1	1	3	1	2	1	1	0	17
03:00	0	1	2	2	0	0	1	1	3	2	2	1	15
04:00	4	1	1	0	2	3	1	2	3	1	5	4	27
05:00	5	2	4	6	4	7	10	9	7	6	11	17	88
06:00	18	11	9	11	15	15	23	19	23	21	27	22	214
07:00	31	22	29	26	34	16	35	23	29	25	30	34	334
08:00	21	21	33	36	31	33	38	36	37	34	30	26	376
09:00	39	21	28	26	28	29	29	29	42	34	28	37	370
10:00	34	34	49	35	38	41	59	52	54	51	49	50	546
11:00	57	48	64	68	58	49	60	69	87	62	82	71	775
12:00	91	71	77	80	71	71	86	74	70	77	74	73	915
13:00	76	72	76	79	78	81	69	76	69	80	61	65	882
14:00	74	57	67	70	83	67	93	60	73	96	77	82	899
15:00	84	88	84	89	71	87	73	78	69	65	68	64	920
16:00	88	78	90	88	85	79	82	79	73	73	90	99	1004
17:00	120	91	101	94	70	82	89	73	65	62	74	60	981
18:00	80	79	73	63	69	69	77	58	79	69	80	65	861
19:00	70	56	69	48	62	55	69	60	54	55	52	55	705
20:00	66	60	56	55	45	47	60	45	73	51	55	57	670
21:00	62	56	30	54	43	39	25	24	13	21	18	13	398
22:00	21	17	19	17	14	4	13	13	12	11	14	9	164
23:00	16	8	8	5	7	8	4	7	8	6	6	3	86

Daily Total: 11319

AM Peak Hour: 775 (11:00 - 12:00)

6.84% Of Daily Total

PM Peak Hour: 1066 (16:20 - 17:20)

9.41% Of Daily Total

4th Highest Hour: 915 (12:00 - 13:00)

8.08% Of Daily Total

8th Highest Hour: 775 (11:00 - 12:00)

6.84% Of Daily Total

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

Roadway: THURSTON WAY
 Location: SOUTH OF VANCOUVER PLAZA DRIVE

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	4	4	3	3	2	0	0	3	2	2	3	1	27
01:00	0	2	2	2	3	0	3	0	0	1	1	2	16
02:00	1	1	1	2	1	1	0	0	2	0	0	2	11
03:00	1	1	0	1	0	0	1	0	1	1	0	0	6
04:00	0	0	2	0	0	1	0	1	0	1	4	1	10
05:00	2	1	3	1	2	1	0	0	1	1	1	0	13
06:00	2	4	4	3	4	5	3	4	1	3	7	1	41
07:00	5	5	10	11	10	4	3	9	10	10	19	12	108
08:00	14	9	11	12	14	10	18	15	11	7	5	11	137
09:00	10	10	10	9	11	8	14	11	11	12	14	11	131
10:00	15	16	13	9	12	10	8	14	13	10	17	22	159
11:00	15	18	15	16	16	12	16	14	21	19	27	18	207
12:00	20	16	24	26	22	33	20	18	22	17	30	17	265
13:00	29	21	21	29	25	20	24	20	20	31	23	28	291
14:00	15	24	12	30	16	17	17	14	22	22	33	13	235
15:00	29	28	22	21	21	21	20	30	21	16	29	19	277
16:00	27	21	19	31	25	31	19	16	28	16	24	23	280
17:00	26	35	21	26	30	19	21	29	25	27	38	24	321
18:00	32	28	22	27	21	27	29	22	24	25	25	24	306
19:00	16	18	16	16	16	10	17	19	17	11	18	15	189
20:00	21	20	18	13	10	20	12	12	11	22	16	17	192
21:00	7	13	10	16	7	11	17	14	10	7	5	5	122
22:00	7	12	11	6	4	6	4	3	12	4	1	8	78
23:00	6	5	5	6	3	2	1	1	3	2	4	2	40

Daily Total: 3462

AM Peak Hour: 211 (10:55 - 11:55)

6.09% Of Daily Total

PM Peak Hour: 329 (17:35 - 18:35)

9.50% Of Daily Total

4th Highest Hour: 280 (16:00 - 17:00)

8.08% Of Daily Total

8th Highest Hour: 207 (11:00 - 12:00)

5.97% Of Daily Total

TRAFFIC SMITHY, INC
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Roadway: THURSTON WAY
 Location: SOUTH OF VANCOUVER PLAZA DRIVE

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	1	0	0	1	0	1	1	2	1	3	0	10
01:00	0	0	3	0	3	1	0	2	0	0	1	0	10
02:00	2	1	0	1	0	0	0	0	0	0	0	0	4
03:00	1	0	0	0	0	0	0	0	1	0	0	0	2
04:00	1	1	1	0	3	2	1	3	1	2	1	0	16
05:00	1	3	0	2	0	3	0	4	4	3	2	1	23
06:00	1	4	4	5	10	6	4	5	9	3	10	6	67
07:00	11	8	7	8	2	5	5	10	15	10	15	6	102
08:00	9	9	10	12	12	6	8	10	16	11	10	7	120
09:00	7	7	9	11	14	14	11	12	17	14	10	13	139
10:00	14	9	15	12	8	13	9	10	10	10	13	12	135
11:00	12	12	17	18	16	15	13	17	12	21	15	16	184
12:00	18	20	32	13	21	16	16	25	23	24	17	16	241
13:00	18	19	19	25	17	16	10	23	17	17	14	12	207
14:00	17	10	16	23	21	25	26	19	16	11	20	11	215
15:00	14	25	22	15	17	28	17	12	14	17	16	24	221
16:00	17	17	19	17	21	15	20	18	25	15	14	24	222
17:00	21	18	25	18	18	12	25	25	22	22	19	18	243
18:00	21	21	18	12	17	14	18	19	16	11	12	21	200
19:00	8	17	15	12	8	11	8	10	14	16	7	11	137
20:00	9	9	8	9	15	8	17	8	9	13	5	7	117
21:00	4	8	7	6	4	5	5	6	4	3	3	3	58
22:00	6	2	2	3	3	4	4	0	4	4	4	3	39
23:00	0	1	2	0	4	0	1	4	1	1	0	5	19

Daily Total: 2731

AM Peak Hour: 184 (11:00 - 12:00)

6.73% Of Daily Total

PM Peak Hour: 249 (16:55 - 17:55)

9.11% Of Daily Total

4th Highest Hour: 221 (15:00 - 16:00)

8.09% Of Daily Total

8th Highest Hour: 184 (11:00 - 12:00)

6.73% Of Daily Total

TRAFFIC SMITHY, INC
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 PORTLAND, OR 97229
 Phone: 503-641-6333 Fax: 503-643-8866

Roadway: VANCOUVER PLAZA DRIVE
 Location: WEST OF THURSTON WAY

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	4	1	2	5	1	2	2	1	5	3	1	6	33
01:00	2	1	3	2	1	2	2	2	1	2	1	0	19
02:00	5	0	2	1	1	1	1	0	1	0	0	0	12
03:00	2	0	0	2	0	2	0	1	0	0	0	0	7
04:00	1	1	0	1	3	0	0	0	0	1	0	1	8
05:00	0	1	1	1	1	1	1	1	0	2	1	0	10
06:00	1	6	2	2	3	5	2	2	5	2	8	1	39
07:00	7	4	2	3	8	1	8	6	3	3	5	4	54
08:00	4	7	10	9	11	7	13	9	13	8	11	15	117
09:00	17	23	22	13	15	22	19	24	26	27	24	28	260
10:00	31	27	22	33	26	33	33	37	18	29	28	40	357
11:00	40	34	32	31	32	43	45	46	37	47	50	43	480
12:00	46	60	51	38	45	48	45	53	59	64	43	59	611
13:00	37	66	54	47	50	40	47	43	51	41	54	41	571
14:00	44	45	52	40	43	54	47	57	50	39	53	43	567
15:00	46	53	42	32	47	43	56	39	44	56	57	54	569
16:00	38	35	34	52	43	47	47	51	36	52	55	39	529
17:00	55	54	61	56	53	50	49	49	48	56	45	44	620
18:00	50	29	72	48	47	46	46	48	50	39	38	38	551
19:00	46	34	43	38	40	49	44	28	38	46	36	45	487
20:00	46	43	22	30	43	38	36	44	42	29	26	26	425
21:00	24	28	24	24	15	20	15	8	13	10	10	9	200
22:00	13	14	14	9	6	8	14	5	5	11	6	5	110
23:00	5	12	3	7	2	7	5	6	8	4	2	4	65

Daily Total: 6701

AM Peak Hour: 480 (11:00 - 12:00)

7.16% Of Daily Total

PM Peak Hour: 625 (12:25 - 13:25)

9.32% Of Daily Total

4th Highest Hour: 569 (15:00 - 16:00)

8.49% Of Daily Total

8th Highest Hour: 487 (19:00 - 20:00)

7.26% Of Daily Total

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Roadway: VANCOUVER PLAZA DRIVE
 Location: WEST OF THURSTON WAY

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	0	5	1	1	3	2	3	3	0	0	3	2	23
01:00	0	3	1	1	4	2	3	0	2	0	2	0	18
02:00	1	1	0	0	1	0	0	0	1	0	0	1	5
03:00	1	1	2	2	0	2	0	4	0	3	5	1	21
04:00	0	0	2	2	1	2	3	0	5	3	3	0	21
05:00	0	1	2	1	3	1	2	2	2	5	4	7	30
06:00	2	6	6	1	6	3	5	12	14	15	14	24	108
07:00	14	16	14	15	13	16	14	18	17	28	30	34	229
08:00	20	16	17	24	19	21	27	30	27	36	39	28	304
09:00	37	23	40	36	24	35	21	30	19	43	24	30	362
10:00	29	29	32	44	34	48	21	44	28	45	49	42	445
11:00	43	52	54	42	41	54	54	47	52	53	48	56	596
12:00	48	48	50	45	61	51	60	51	58	67	53	45	637
13:00	57	51	56	48	48	47	41	54	51	54	53	51	611
14:00	49	37	49	54	56	50	41	40	52	52	47	40	567
15:00	56	47	51	49	37	47	52	41	43	36	50	37	546
16:00	37	56	44	43	50	48	48	53	46	49	47	45	566
17:00	47	56	54	58	44	57	39	40	49	43	49	46	582
18:00	53	44	40	37	51	51	48	45	37	43	34	37	520
19:00	32	29	45	40	44	30	33	34	33	32	23	28	403
20:00	26	30	33	33	25	18	27	25	10	12	18	11	268
21:00	18	15	16	9	15	12	10	6	5	7	12	4	129
22:00	6	8	5	2	4	2	3	2	4	10	4	2	52
23:00	9	5	4	2	2	5	6	2	6	4	7	2	54

Daily Total: 7097

AM Peak Hour: 596 (11:00 - 12:00)

8.39% Of Daily Total

PM Peak Hour: 658 (12:20 - 13:20)

9.27% Of Daily Total

4th Highest Hour: 582 (17:00 - 18:00)

8.20% Of Daily Total

8th Highest Hour: 520 (18:00 - 19:00)

7.32% Of Daily Total