

# Roadway Survey Field Sheet

TS Project #

04-108

Map

Grid

Start Time

11:05

# Of Days

Location: 15TH BROADWAY

City: VAN COUVER

Location ID:

#7

Type Of Survey

- Volume
- Speed
- Classification
- \_\_\_\_\_

Start Date: 3/15/04

S M T W T F S

End Date: 3/17/04

S M T W T F S

Counters

2

Tubes

3

SITE EVALUATION

- Vehicles Crossing Tube Perpendicular  YES  NO  ???
- Do You Anticipate Queuing Across Tube  YES  NO  ???
- Speed Greater Than 20 Miles / Hour  YES  NO  ???
- Tube Crosses More Than 2 Lanes  YES  NO  ???

SPEED: High \_\_\_\_\_ Mph Low \_\_\_\_\_ Mph

POSTED SPEED

- None  40 Mph
- 25 Mph  45 Mph
- 30 Mph  50 Mph
- 35 Mph  55 Mph
- Other: \_\_\_\_\_

DWELL TIME

LOWEST SPEED MPH	HIGHEST SPEED					(TAD, TBD)
	10-20	15-30	25-40	35-45	> 45	
Standing Queue	200	130	100	80	40	A
5 - 10 MPH	130	90	70	60	40	B
> 10 MPH	100	80	60	40	40	M

Use 2 Counters if Traffic Conditions are different in each direction.

DWELL (TAD,TBD)

(TAD, TBD)

A

B

M

D

AXLE STRIKE COUNT

G M D A B

SYSTEM DELAY LOGIC

D

SPEED, LOW VOL

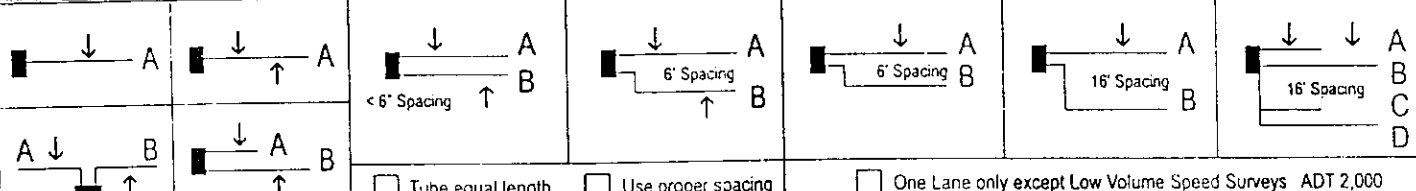
G M B

VEHICLE SPEED / CLASSIFICATION

M B

G

L



COUNTER / SET DOWN

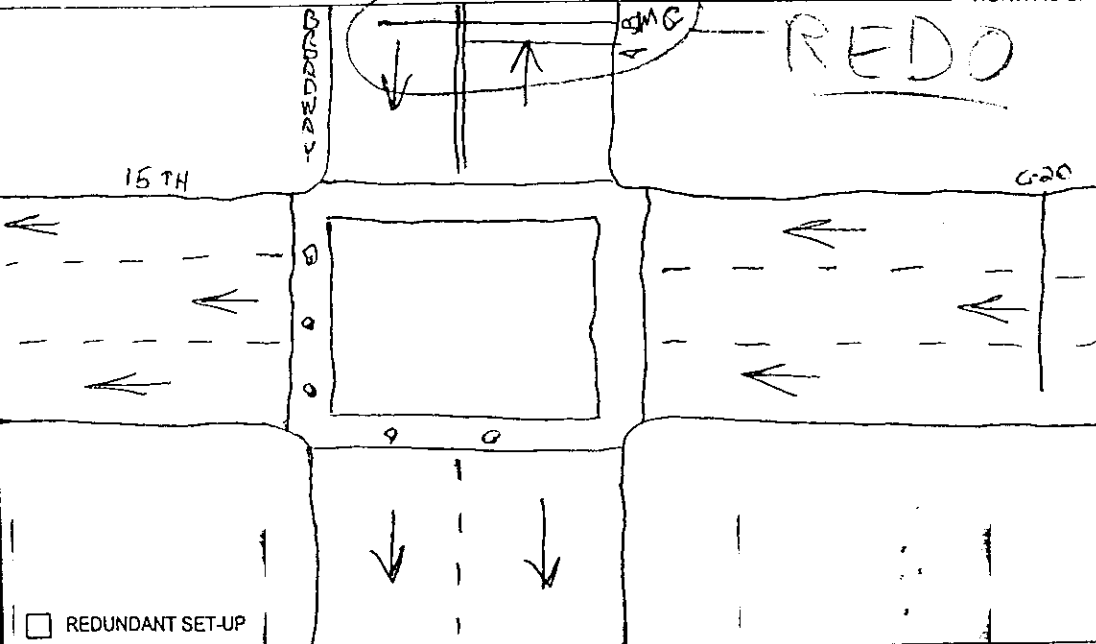
Type: M.C. MAX  
 No. 55 C-20  
 Box X23  
 Tube Length 40  
 Hammer Test

- 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



CHECK

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



PICK-UP

Hammer Test  
 Date: 3/17/04 Time: 9:25

FILE NAMES

17BRON55  
 1715TE20

REDUNDANT SET-UP

Remarks: WEATHER:  Sunny  Overcast  Rain  Snow  
 X 23 NOT BLINKING

Surveyed By: M.P.

TRAFFIC SMITHY

1225 NW Murray Blvd. Suite 111  
 Portland, OR 97229  
 Phone 503/641-6333 - Fax: 503/643-8866

# Roadway Survey Field Sheet

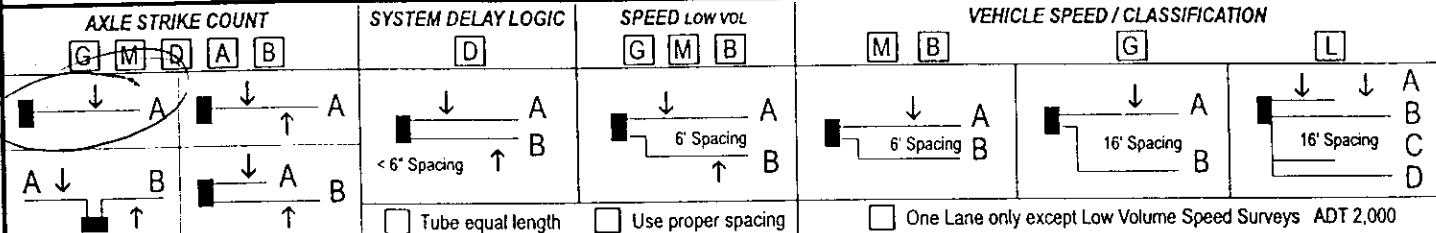
TS Project # \_\_\_\_\_ Map \_\_\_\_\_ Grid \_\_\_\_\_ Start Time 15:15 # Of Days 1

Location: 15th & Broadway -  
N. LEG. N Bound / S Bound  
 Location ID: \_\_\_\_\_ City: VANCOUVER

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

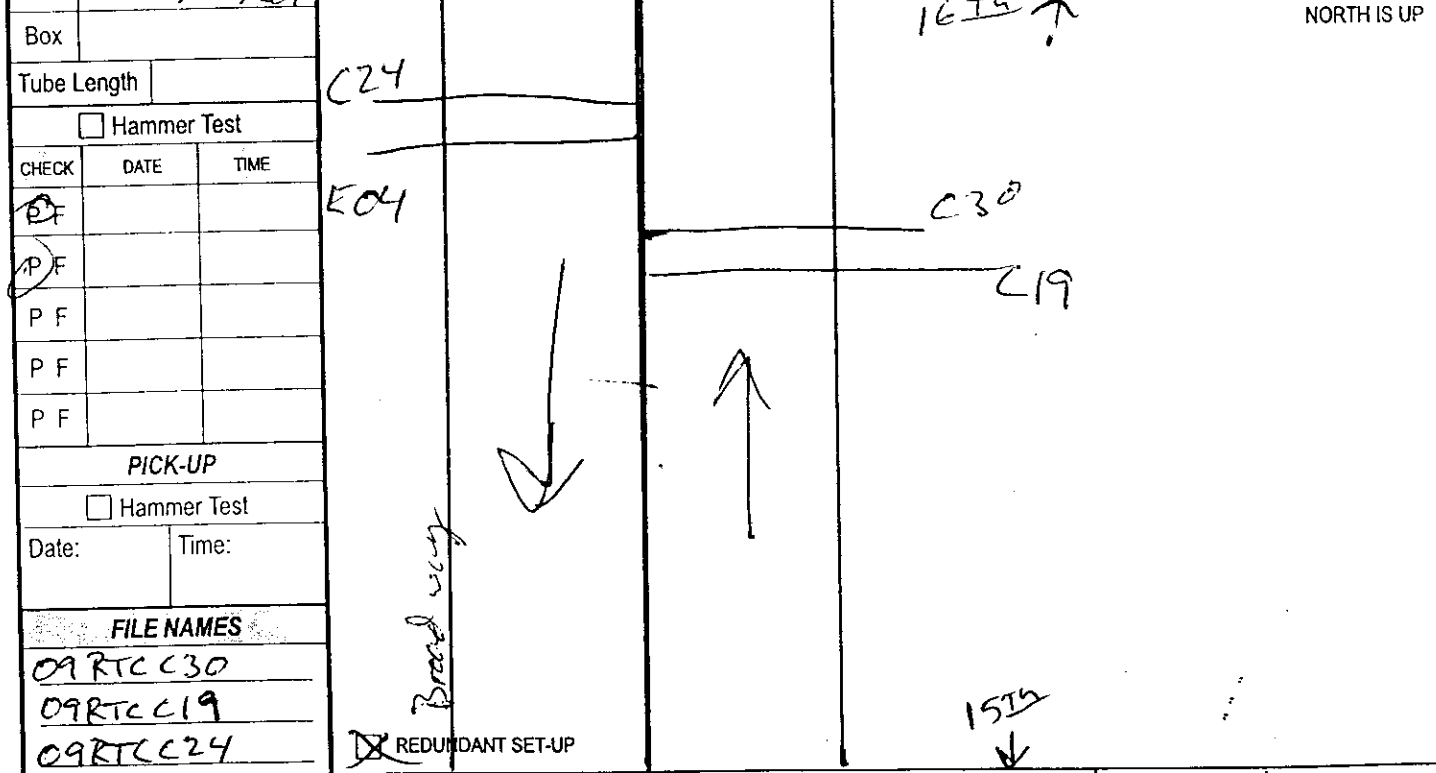
Start Date: 7/7/04 Counters 4  
 S M T ~~W~~ T F S  
 End Date: 7/9/04 Tubes 4  
 S M T W T ~~F~~ S

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="4">HIGHEST SPEED</th> <th>(TAD, TBD)</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> <td><input type="checkbox"/> A</td> </tr> <tr> <td>5 - 10 MPH</td> <td>130</td> <td>90</td> <td>70</td> <td>60</td> <td>40</td> <td><input type="checkbox"/> B</td> </tr> <tr> <td>&gt; 10 MPH</td> <td>100</td> <td>80</td> <td>60</td> <td>40</td> <td>40</td> <td><input type="checkbox"/> M</td> </tr> </tbody> </table>					LOWEST SPEED	HIGHEST SPEED				(TAD, TBD)	MPH	10-20	15-30	25-40	35-45	> 45	Standing Queue	200	130	100	80	40	<input type="checkbox"/> A	5 - 10 MPH	130	90	70	60	40	<input type="checkbox"/> B	> 10 MPH	100	80	60	40	40	<input type="checkbox"/> M
LOWEST SPEED	HIGHEST SPEED				(TAD, TBD)																																						
MPH	10-20	15-30	25-40	35-45	> 45																																						
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Do You Anticipate Queuing Across Tube	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> 25 Mph	<input type="checkbox"/> 45 Mph	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	DWELL (TAD, TBD) <input type="checkbox"/> D																																					
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SPEED: High _____ Mph Low _____ Mph				<input type="checkbox"/> Other: _____																																							



COUNTER / SET DOWN  
 Type: A MAX  
 No.: C19/C30/C24/E04  
 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



CHECK	DATE	TIME
<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

PICK-UP  
 Hammer Test  
 Date: \_\_\_\_\_ Time: \_\_\_\_\_

FILE NAMES  
09RTCC30  
09RTCC19  
09RTCC24  
09RTCE04

Remarks: WEATHER:  Sunny  Overcast  Rain  Snow  
 Surveyed By: E.V.  
**TRAFFIC SMITHY, Inc.**  
 1225 NW Murray Blvd. Suite 111  
 Portland, OR 97229  
 Phone: 503/641-6333 - Fax: 503/643-8866

**TRAFFIC SMITHY, INC**  
**626- 120th Avenue NE**  
**Bellevue, WA**  
**Ph. 425-688-7888 Fax. 425-688-7784**

Roadway: **BROADWAY**  
 Location: **NORTH OF 15TH AVENUE**

Date: **06/23/04**  
 Day of Week: **Wednesday**

NB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	0	1	1	0	0	0	0	0	0	0	0	0	2
01:00	0	0	0	1	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	1	1
03:00	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	1	0	0	2	0	1	0	0	4
06:00	0	0	1	1	3	1	0	0	0	1	1	1	9
07:00	1	2	2	0	4	0	2	0	2	0	4	1	18
08:00	2	1	0	3	3	2	3	1	1	2	3	2	23
09:00	1	1	4	1	4	0	6	1	3	1	3	0	25
10:00	3	3	2	2	0	4	1	0	1	4	3	2	25
11:00	3	1	4	3	3	2	4	3	4	5	3	1	36
12:00	9	4	1	3	6	2	2	4	5	4	3	2	45
13:00	3	4	2	2	5	7	2	5	3	1	2	2	38
14:00	5	3	3	4	1	4	2	4	4	2	2	3	37
15:00	2	0	1	6	2	4	3	3	3	4	3	0	31
16:00	3	3	2	2	4	2	4	6	5	5	6	0	42
17:00	1	4	1	2	6	3	2	7	3	2	5	0	36
18:00	2	3	2	1	4	1	1	1	0	3	2	2	22
19:00	1	1	0	1	4	2	3	2	1	2	0	0	17
20:00	0	1	1	1	2	2	0	5	0	2	2	0	16
21:00	0	1	2	0	0	0	0	1	1	1	0	0	6
22:00	0	0	1	1	0	0	0	0	0	0	0	2	4
23:00	0	1	0	1	0	0	1	0	1	0	0	0	4

Daily Total: 443

AM Peak Hour: 37 (10:50 - 11:50)

PM Peak Hour: 45 (12:00 - 13:00)

4th Highest Hour: 37 (14:00 - 15:00)

3th Highest Hour: 25 (09:00 - 10:00)

8.35% Of Daily Total

10.1% Of Daily Total

8.35% Of Daily Total

5.64% Of Daily Total

**TRAFFIC SMITHY, INC**  
 626- 120TH AVENUE NE SUITE B102  
 BELLEVUE, WA 98005  
 PHONE- 425-688-7888 FAX- 425-688-7784

Roadway: BROADWAY  
 Location: NORTH OF 15TH STREET

Date: 03/31/04  
 Day of Week: Wednesday

SB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	0	1	0	1	1	1	1	0	0	0	0	0	5
01:00	2	0	1	0	0	0	0	0	0	1	0	0	4
02:00	0	0	0	2	1	0	0	0	1	0	0	0	4
03:00	1	0	0	0	1	0	0	0	0	0	0	1	3
04:00	0	0	1	0	0	0	1	0	0	1	0	1	4
05:00	0	0	0	2	1	1	3	2	1	1	4	2	17
06:00	2	0	4	5	3	6	9	6	7	17	7	8	74
07:00	15	8	6	12	15	10	14	18	16	21	15	10	160
08:00	10	12	10	10	21	15	12	14	13	10	16	17	160
09:00	15	20	8	13	17	11	13	9	17	8	14	16	161
10:00	11	17	14	18	8	13	15	16	16	14	17	20	179
11:00	17	11	17	16	15	12	14	22	24	21	16	18	203
12:00	12	22	20	26	11	20	15	17	18	22	26	16	225
13:00	20	27	16	20	19	18	21	5	18	17	12	18	211
14:00	16	19	24	14	16	17	11	17	20	21	16	10	201
15:00	17	22	10	20	20	20	21	25	21	16	16	23	231
16:00	20	15	16	17	11	20	15	12	16	21	19	34	216
17:00	36	27	25	16	8	12	9	12	13	9	13	10	190
18:00	5	9	10	11	8	3	7	9	7	5	1	9	84
19:00	5	2	6	7	7	5	6	4	7	1	2	3	55
20:00	2	1	5	3	0	3	6	4	8	6	1	4	43
21:00	11	4	2	4	1	3	2	1	1	1	4	2	36
22:00	0	2	1	0	2	1	0	0	0	0	0	0	6
23:00	1	0	1	1	0	2	0	0	0	0	0	2	7

Daily Total: 2479

AM Peak Hour: 206 (10:50 - 11:50)

PM Peak Hour: 253 (16:15 - 17:15)

4th Highest Hour: 211 (13:00 - 14:00)

8th Highest Hour: 179 (10:00 - 11:00)

8.30% Of Daily Total

10.2% Of Daily Total

8.51% Of Daily Total

7.22% 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: EAST OF BROADWAY

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	7	5	5	5	6	3	3	5	5	50
01:00	0	3	7	2	4	4	2	2	2	8	2	1	37
02:00	2	1	1	3	2	2	3	6	1	0	2	7	30
03:00	2	9	2	3	2	3	3	5	7	1	6	5	48
04:00	1	2	3	3	2	1	3	7	13	5	2	8	50
05:00	10	10	6	16	12	16	22	19	21	25	36	28	221
06:00	37	29	36	28	37	40	39	40	57	72	63	62	540
07:00	48	57	66	72	80	76	67	94	99	127	134	128	1048
08:00	91	79	97	107	92	108	88	92	79	107	101	67	1108
09:00	69	99	86	84	67	86	73	61	89	70	68	88	940
10:00	68	71	75	65	70	60	57	69	91	77	79	77	859
11:00	78	73	76	67	66	73	66	78	80	84	92	86	919
12:00	76	83	67	67	70	88	93	92	82	88	110	101	1017
13:00	96	89	89	89	80	92	90	98	94	100	70	70	1057
14:00	90	99	66	72	87	75	71	58	101	81	75	79	954
15:00	85	78	75	64	87	83	64	78	82	84	79	67	926
16:00	67	82	58	76	77	51	80	68	66	61	58	73	817
17:00	63	71	72	50	66	51	57	45	50	66	48	45	684
18:00	44	35	35	44	48	35	24	39	27	43	38	29	441
19:00	34	21	28	34	18	20	25	20	13	34	22	25	294
20:00	18	24	20	19	25	12	20	21	17	16	16	19	227
21:00	18	16	14	12	11	9	15	14	10	15	17	10	161
22:00	9	20	7	20	11	10	7	9	11	13	5	12	134
23:00	10	12	14	9	4	8	6	8	5	3	2	9	90

Daily Total: 12652

AM Peak Hour: 1244 (07:35 - 08:35)

PM Peak Hour: 1128 (12:50 - 13:50)

4th Highest Hour: 1017 (12:00 - 13:00)

8th Highest Hour: 919 (11:00 - 12:00)

9.83% Of Daily Total

8.91% Of Daily Total

8.03% Of Daily Total

7.26% Of Daily Total