

Roadway Survey Field Sheet

TS Project # _____ Map _____ Grid _____ Start Time: 0740 # Of Days: 3

Location: ST JAMES RD
ST JOHNS RD @ MINNETAHHA
 City: VANCOUVER
 Local IDs: #10, #11

Type Of Survey:
 Volume
 Speed
 Classification

Start Date: 3/24/14 Counters: 7
 S M T W T F S
 End Date: 3/27/14 Tubes: —
 S M T W T F S

SITE EVALUATION

	YES	NO	???
Vehicles Crossing Tube Perpendicular	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do You Anticipate Queuing Across Tube	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Speed Greater Than 20 Miles / Hour	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tube Crosses More Than 2 Lanes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SPEED: High _____ Mph Low _____ Mph

POSTED SPEED

<input type="checkbox"/> None	<input type="checkbox"/> 40 Mph
<input type="checkbox"/> 25 Mph	<input type="checkbox"/> 45 Mph
<input type="checkbox"/> 30 Mph	<input type="checkbox"/> 50 Mph
<input checked="" type="checkbox"/> 35 Mph	<input type="checkbox"/> 55 Mph
<input type="checkbox"/> Other: _____	

DWELL TIME

LOWEST SPEED	HIGHEST SPEED					(TAD, TBD)
	MPH	10-20	15-30	25-40	35-45	
Standing Queue	200	130	100	80	40	<input checked="" 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

Use 2 Counters if Traffic Conditions are different in each direction. DWELL (TAD, TBD): 40-60 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

Tube equal length Use proper spacing One Lane only except Low Volume Speed Surveys ADT 2,000

COUNTER / SET DOWN

Type: MC, AMAR
 No: C15, C29, C09, C20
 Box: C30, C02, C45, C19, C15, C18
 Tube Length: 40
 Hammer Test

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

PICK-UP

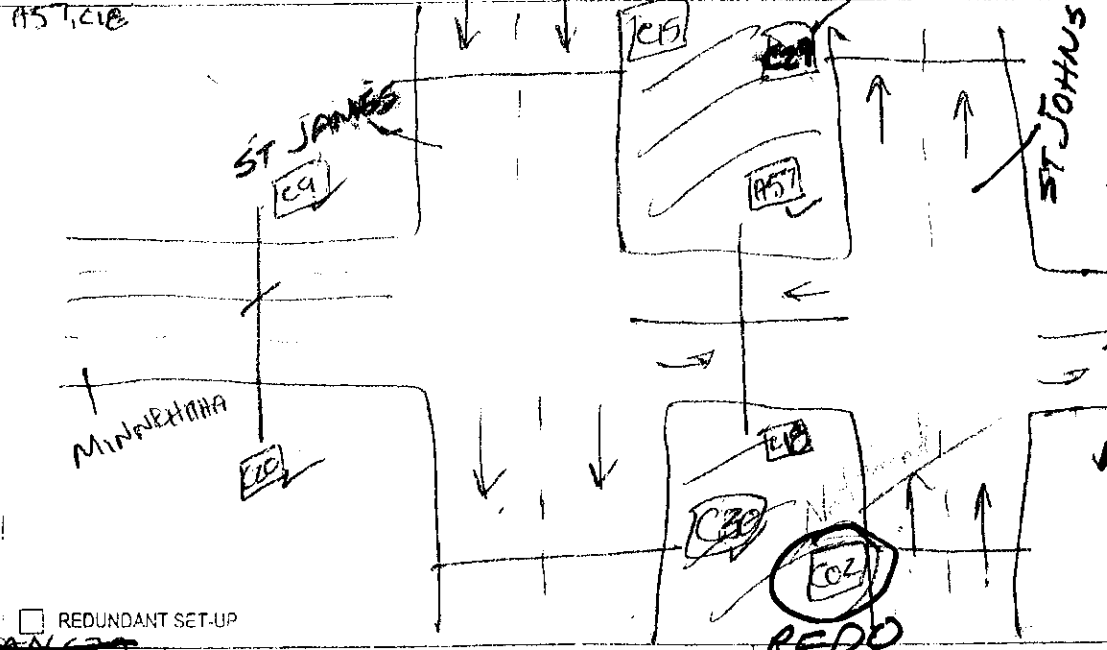
Hammer Test

Date: _____ Time: _____

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



- FILE NAMES**
- 26VAN A57
 - 26VAN A65
 - 26VAN C09
 - 26VAN C20
 - 26VAN C19

REDUNDANT SET-UP

Remarks: _____ WEATHER: Sunny Overcast Rain Snow

Surveyed By: ML

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

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

Roadway: MINNEHAHA (63RD STREET)
 Location: WEST OF ST JOHNS ROAD

Date: 03/25/04
 Day of Week: Thursday

WB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	5	1	2	2	1	1	3	2	3	0	1	1	22
01:00	2	2	3	4	2	1	0	1	1	1	1	0	18
02:00	2	4	0	0	3	0	0	3	2	0	3	1	18
03:00	1	3	1	3	0	3	1	0	1	2	4	3	22
04:00	2	2	1	0	0	2	1	3	0	4	2	5	22
05:00	6	5	3	7	6	6	14	11	16	21	17	17	129
06:00	19	13	11	17	12	16	30	29	29	28	37	21	262
07:00	25	32	40	36	34	23	38	34	39	39	38	32	410
08:00	32	39	33	32	42	41	47	35	26	37	46	25	435
09:00	35	29	32	27	25	24	20	17	30	27	33	22	321
10:00	26	23	25	21	20	25	38	30	38	25	33	34	338
11:00	35	36	28	28	27	25	38	33	47	40	40	49	426
12:00	49	40	34	35	36	34	35	23	25	37	34	29	411
13:00	45	24	39	47	24	32	36	29	43	36	30	33	418
14:00	27	41	33	38	35	29	36	43	41	34	48	60	465
15:00	27	29	38	43	30	27	49	46	37	49	49	33	457
16:00	40	35	51	35	42	39	34	40	43	49	45	41	494
17:00	39	43	45	45	46	41	42	42	53	51	42	28	517
18:00	35	27	32	42	44	37	26	29	21	27	25	20	365
19:00	21	32	28	19	19	29	26	24	27	28	10	16	279
20:00	20	24	22	16	16	15	13	16	23	17	16	17	215
21:00	11	14	25	15	13	13	16	7	16	9	11	12	162
22:00	7	6	9	8	7	10	8	6	5	4	6	4	80
23:00	1	8	6	4	4	3	6	6	5	2	1	5	51

Daily Total: 6337

AM Peak Hour: 449 (07:40 - 08:40)

PM Peak Hour: 533 (16:50 - 17:50)

4th Highest Hour: 457 (15:00 - 16:00)

8th Highest Hour: 411 (12:00 - 13:00)

7.08% Of Daily Total

8.41% Of Daily Total

7.21% Of Daily Total

6.48% Of Daily Total

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

Roadway: MINNEHAHA (63RD STREET)
 Location: WEST OF ST JOHNS ROAD

Date: 03/25/04
 Day of Week: Thursday

EB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	1	3	8	1	3	1	3	4	3	2	0	1	30
01:00	5	3	1	2	5	0	1	1	2	1	1	7	29
02:00	1	1	1	7	1	0	6	1	1	3	1	1	24
03:00	1	1	2	0	1	2	1	0	0	1	0	0	9
04:00	1	2	0	3	0	0	3	3	0	0	4	1	17
05:00	3	2	1	1	2	3	2	5	8	5	13	11	56
06:00	5	14	17	20	7	16	13	11	19	19	20	24	185
07:00	15	21	21	31	23	14	24	24	31	38	37	38	317
08:00	29	26	22	21	25	21	32	28	20	24	33	24	305
09:00	23	25	19	20	19	22	21	34	26	21	21	31	282
10:00	20	24	41	18	26	20	21	25	20	21	26	21	283
11:00	21	29	25	29	31	38	24	29	30	21	26	39	342
12:00	44	35	34	34	25	28	29	29	30	22	47	31	388
13:00	36	23	31	28	42	28	22	31	25	27	20	29	342
14:00	30	20	36	26	31	28	20	35	47	25	34	29	361
15:00	40	31	35	24	36	39	42	57	37	43	28	36	448
16:00	48	39	43	44	41	44	37	49	43	41	47	40	516
17:00	36	58	68	36	38	49	41	33	38	32	33	28	490
18:00	35	31	44	31	43	34	31	30	30	25	25	14	373
19:00	22	15	19	22	17	21	15	9	12	10	14	12	188
20:00	10	8	13	9	9	9	10	15	10	13	4	11	121
21:00	13	12	8	13	16	8	11	8	6	12	6	7	120
22:00	5	9	12	10	5	4	8	8	2	7	4	11	85
23:00	3	7	3	3	9	2	6	4	5	0	4	1	47

Daily Total: 5358

AM Peak Hour: 348 (07:40 - 08:40)

6.49% Of Daily Total

PM Peak Hour: 548 (16:15 - 17:15)

10.2% Of Daily Total

4th Highest Hour: 388 (12:00 - 13:00)

7.24% Of Daily Total

8th Highest Hour: 342 (13:00 - 14:00)

6.38% Of Daily Total

TRAFFIC SMITHY, INC
 626- 120TH AVENUE NE SUITE B102
 BELLEVUE, WA 98005
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roadway: MINNEHAHA (63RD STREET)
 Location: EAST OF ST JOHNS ROAD

Date: 03/25/04
 Day of Week: Thursday

EB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	10	0	4	2	3	5	3	0	0	1	5	2	35
01:00	3	3	4	1	1	0	1	1	1	4	0	2	21
02:00	1	6	1	0	4	2	0	2	1	1	2	2	22
03:00	2	0	2	0	0	0	1	1	1	0	0	2	9
04:00	0	3	0	0	3	1	1	0	4	1	2	4	19
05:00	1	2	4	4	2	4	8	3	12	9	6	13	68
06:00	17	21	10	16	12	13	14	16	23	22	15	22	201
07:00	26	27	25	14	28	33	36	41	31	39	30	29	359
08:00	19	25	29	18	37	30	21	22	35	29	23	22	310
09:00	17	23	18	22	18	34	27	26	26	33	22	27	293
10:00	37	22	31	25	25	28	20	26	24	20	28	32	318
11:00	25	41	27	42	28	42	32	30	27	39	48	31	412
12:00	42	28	29	37	34	33	32	32	36	33	35	34	405
13:00	34	35	40	31	18	36	30	35	34	34	36	25	388
14:00	33	38	32	40	24	38	42	34	42	26	48	34	431
15:00	44	30	31	37	33	62	46	50	43	38	49	36	499
16:00	58	48	45	53	45	56	50	50	56	42	37	66	606
17:00	83	46	45	50	39	42	45	45	49	36	38	42	560
18:00	42	36	51	42	42	32	33	30	32	17	27	22	406
19:00	17	23	26	27	19	12	17	14	18	17	13	14	217
20:00	11	22	15	13	16	14	18	15	5	12	14	17	172
21:00	9	13	17	10	12	11	10	11	8	9	6	10	126
22:00	16	14	9	4	9	6	3	7	5	10	6	5	94
23:00	4	4	9	1	4	7	3	1	7	1	3	4	48

Daily Total: 6019

AM Peak Hour: 413 (10:55 - 11:55)

PM Peak Hour: 631 (16:05 - 17:05)

4th Highest Hour: 431 (14:00 - 15:00)

8th Highest Hour: 388 (13:00 - 14:00)

6.86% Of Daily Total

10.4% Of Daily Total

7.16% Of Daily Total

6.44% Of Daily Total

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

Roadway: MINNEHAHA (63RD STREET)
 Location: EAST OF ST JOHNS ROAD

Date: 03/25/04
 Day of Week: Thursday

WB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	0	3	3	0	0	4	1	2	1	1	0	2	17
01:00	2	2	2	3	2	0	1	1	1	1	0	1	16
02:00	2	2	1	0	2	0	1	4	1	1	1	2	17
03:00	1	4	1	0	1	3	1	1	2	1	1	3	19
04:00	0	1	1	0	0	3	2	0	3	2	3	5	20
05:00	3	4	5	6	7	7	11	10	13	22	16	10	114
06:00	15	15	11	16	15	21	24	31	26	22	30	29	255
07:00	27	28	30	26	31	28	27	36	31	48	32	35	379
08:00	33	34	35	43	33	42	29	27	36	29	30	26	397
09:00	34	20	28	18	24	25	19	15	28	25	26	11	273
10:00	26	18	20	24	20	25	26	35	26	16	28	28	292
11:00	28	33	24	30	23	29	24	32	38	30	27	43	361
12:00	32	34	28	33	33	31	25	23	20	37	35	27	358
13:00	21	33	32	33	22	34	29	22	31	34	27	27	345
14:00	35	29	37	22	22	25	32	32	35	31	37	35	372
15:00	35	26	37	30	30	32	54	30	39	41	41	25	420
16:00	30	40	23	33	43	36	34	38	48	41	44	29	439
17:00	39	52	31	40	32	34	35	44	57	34	44	32	474
18:00	28	34	35	26	24	29	24	18	19	25	20	11	293
19:00	19	20	19	13	20	24	17	19	23	24	15	21	234
20:00	13	22	15	13	13	14	15	21	14	14	17	8	179
21:00	14	23	10	9	7	13	15	9	8	13	5	9	135
22:00	6	5	5	6	10	7	5	4	2	1	4	1	56
23:00	8	4	7	2	5	4	3	4	2	3	3	0	45

Daily Total: 5510

AM Peak Hour: 431 (07:35 - 08:35)

PM Peak Hour: 478 (16:45 - 17:45)

4th Highest Hour: 397 (08:00 - 09:00)

8th Highest Hour: 358 (12:00 - 13:00)

7.82% Of Daily Total

8.67% Of Daily Total

7.20% Of Daily Total

6.49% Of Daily Total

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

Roadway: ST JOHNS ROAD
 Location: NORTH OF MINNEHAHA (63RD STREET)

Date: 03/25/04
 Day of Week: Thursday

NB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	7	4	4	6	4	3	5	2	4	5	5	1	50
01:00	3	2	3	1	3	3	3	2	5	1	0	3	29
02:00	3	0	3	4	2	2	4	2	4	1	5	3	33
03:00	0	3	5	0	2	4	5	2	0	1	3	1	26
04:00	0	1	0	0	3	3	4	1	1	1	3	4	21
05:00	4	5	5	3	1	4	4	7	10	14	13	7	77
06:00	11	15	12	16	24	15	32	28	40	39	38	28	298
07:00	19	16	17	30	26	16	24	37	33	41	40	34	333
08:00	27	41	33	38	38	49	39	54	34	34	40	28	455
09:00	38	41	41	30	31	39	28	41	44	36	36	36	441
10:00	35	36	34	26	44	42	37	33	35	43	31	45	441
11:00	38	33	34	41	44	35	41	43	38	39	36	49	471
12:00	54	42	33	42	42	29	30	37	37	51	61	41	499
13:00	38	58	44	40	41	58	57	43	38	33	42	39	531
14:00	45	48	62	42	46	50	63	57	43	41	46	56	599
15:00	60	52	66	50	67	62	63	70	61	66	53	48	718
16:00	66	77	61	57	43	48	55	61	71	65	73	76	753
17:00	64	85	53	70	46	58	60	53	41	54	45	45	674
18:00	62	53	32	40	42	39	44	25	37	30	32	35	471
19:00	27	15	35	24	24	20	16	24	18	19	24	15	261
20:00	15	21	18	11	22	15	17	15	25	18	24	21	222
21:00	18	20	9	14	9	20	8	15	5	13	5	11	147
22:00	10	9	6	8	10	4	8	9	4	8	5	7	88
23:00	4	6	6	3	6	6	2	3	5	3	10	2	56

Daily Total: 7694

AM Peak Hour: 474 (08:15 - 09:15)

PM Peak Hour: 782 (16:35 - 17:35)

4th Highest Hour: 599 (14:00 - 15:00)

8th Highest Hour: 471 (18:00 - 19:00)

6.16% Of Daily Total

10.1% Of Daily Total

7.78% Of Daily Total

6.12% Of Daily Total