

Roadway Survey Field Sheet

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

Location: FOURTH PLAIN + COXLEY DR

Location ID: _____ City: VANCOUVER

Type of Survey
 Volume
 Speed
 Classification

Start Date: 9/9/03 Counters: 4

End Date: 9/11/03 Tubes: 4

SITE EVALUATION

Vehicles Crossing Tube Perpendicular Do You Anticipate Queuing Across Tube
 Speed Greater Than 20 Miles / Hour 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	HIGHEST SPEED					(TAD, TBD)
MPH	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) _____

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: AMAX

No.: 38/74/A1/19

Box: _____

Tube Length: 40

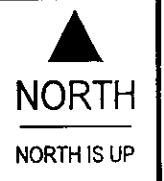
Hammer Test

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



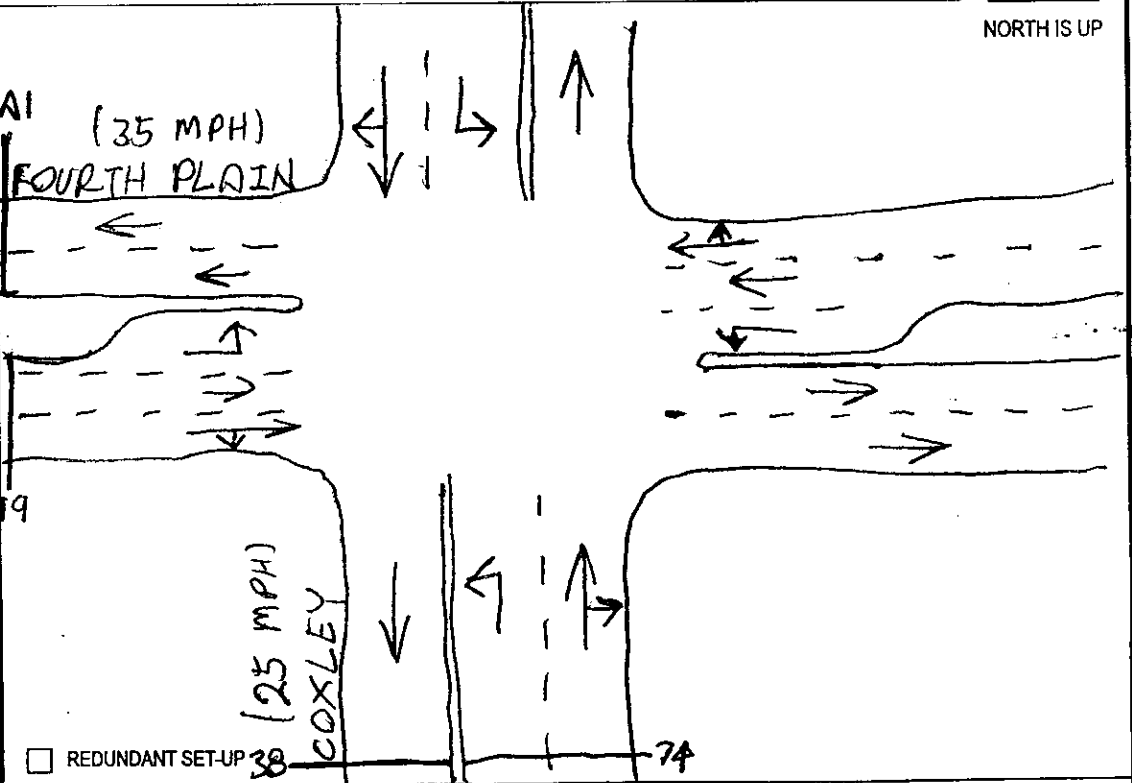
PICK-UP

Hammer Test

Date: _____ Time: _____

FILE NAMES

11COXS38
11COXN74
11FPBWA1
11FPBE19



Remarks: WEATHER: Sunny Overcast Rain Snow

Surveyed By: M.P.

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

Roadway: COXLEY DRIVE
 Location: SOUTH OF FOURTH PLAIN

Date: 09/10/03
 Day of Week: Wednesday

SB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	1	1	1	1	0	0	0	1	0	1	0	0	6
01:00	0	0	1	1	0	0	0	1	0	2	2	1	8
02:00	0	0	0	1	0	0	0	0	0	0	0	0	1
03:00	0	2	0	0	1	0	1	0	0	1	0	0	5
04:00	0	1	0	0	0	1	1	0	0	0	0	1	4
05:00	0	2	0	1	0	0	1	0	0	0	0	1	5
06:00	0	0	3	0	1	4	3	2	3	2	5	1	24
07:00	1	1	7	5	4	2	6	1	4	8	10	16	65
08:00	5	4	7	7	7	10	5	10	6	10	4	10	85
09:00	12	9	11	9	6	9	9	6	5	4	5	8	93
10:00	6	10	7	12	10	11	7	8	4	7	6	4	92
11:00	12	11	10	9	9	13	8	11	8	11	9	5	116
12:00	15	13	3	13	9	6	2	15	12	9	7	12	116
13:00	15	11	18	13	9	14	10	11	14	11	7	14	147
14:00	17	9	6	10	10	8	10	8	11	13	19	12	133
15:00	11	13	17	14	12	11	6	13	15	11	13	11	147
16:00	11	12	7	6	21	9	10	11	12	7	8	13	127
17:00	13	17	16	14	7	17	18	6	5	9	7	12	141
18:00	7	8	10	11	11	6	16	5	12	14	5	6	111
19:00	9	7	6	8	8	7	9	8	2	9	6	6	85
20:00	3	9	5	8	4	3	10	5	4	4	6	6	67
21:00	1	1	4	7	5	6	5	3	1	3	2	3	41
22:00	2	2	3	0	0	1	1	2	1	1	1	0	14
23:00	2	2	0	1	0	0	0	0	1	1	1	0	8

Daily Total: 1641

AM Peak Hour: 116 (11:00 - 12:00)

7.06% Of Daily Total

PM Peak Hour: 156 (14:45 - 15:45)

9.50% Of Daily Total

4th Highest Hour: 133 (14:00 - 15:00)

8.10% Of Daily Total

8th Highest Hour: 111 (18:00 - 19:00)

6.76% Of Daily Total

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

Roadway: COXLEY DRIVE
 Location: SOUTH OF FOURTH PLAIN

Date: 09/10/03
 Day of Week: Wednesday

NB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	1	0	0	0	0	2	0	1	0	0	0	2	6
01:00	2	0	0	0	0	1	0	0	0	0	0	0	3
02:00	0	0	0	1	0	0	0	0	0	0	0	0	4
03:00	1	1	0	0	2	0	0	0	1	0	0	0	5
04:00	0	0	0	0	0	0	0	0	0	0	1	0	1
05:00	0	2	1	1	0	1	0	0	0	1	3	0	9
06:00	2	2	2	1	2	1	0	1	0	6	1	2	20
07:00	1	0	2	1	1	3	0	2	5	2	2	8	27
08:00	8	2	1	11	6	13	5	4	10	9	4	6	79
09:00	13	6	4	10	12	9	10	5	10	10	7	7	103
10:00	6	4	7	7	10	7	11	7	10	17	6	13	105
11:00	12	9	14	12	14	10	9	7	11	12	8	4	122
12:00	22	10	4	12	11	13	9	14	15	8	12	16	146
13:00	9	7	12	12	10	17	19	6	10	13	6	17	138
14:00	10	9	9	8	5	10	8	12	15	13	14	11	124
15:00	19	14	13	20	14	10	17	9	18	12	12	14	172
16:00	16	4	9	14	6	7	22	8	14	14	21	16	151
17:00	16	23	9	17	20	14	12	14	19	12	11	13	180
18:00	14	8	13	12	7	9	11	12	12	7	6	9	120
19:00	15	7	12	9	7	6	6	6	12	5	3	7	95
20:00	0	4	6	1	4	9	5	2	5	2	3	7	48
21:00	2	3	2	3	1	2	4	0	2	2	0	0	21
22:00	0	1	0	2	5	0	2	2	0	1	0	0	13
23:00	0	0	1	0	0	1	0	2	0	2	1	0	7

Daily Total: 1699

AM Peak Hour: 135 (10:30 - 11:30)

7.94% Of Daily Total

PM Peak Hour: 195 (16:45 - 17:45)

11.4% Of Daily Total

4th Highest Hour: 146 (12:00 - 13:00)

8.59% Of Daily Total

8th Highest Hour: 120 (18:00 - 19:00)

7.06% Of Daily Total

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Roadway: FOURTH PLAIN BOULEVARD
 Location: WEST OF COXLEY

Date: 09/10/03
 Day of Week: Wednesday

EB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	2	3	5	3	5	7	1	0	2	2	8	5	43
01:00	2	1	1	2	6	1	2	0	4	2	1	2	24
02:00	1	2	0	3	3	3	0	1	3	1	5	2	24
03:00	2	0	0	1	1	1	1	3	5	0	0	0	14
04:00	0	1	2	3	2	2	3	2	2	2	5	2	26
05:00	2	2	3	3	4	5	3	3	6	5	10	5	51
06:00	5	5	8	4	11	9	18	14	14	19	17	18	142
07:00	10	19	23	14	20	17	19	24	18	26	24	28	242
08:00	20	23	25	24	31	20	25	25	28	28	25	33	307
09:00	31	23	27	29	30	41	35	30	24	35	41	39	385
10:00	32	36	32	46	36	23	45	31	48	31	32	61	453
11:00	49	48	53	41	32	60	45	41	50	57	65	55	596
12:00	55	56	64	46	69	57	65	62	47	60	49	40	670
13:00	51	63	68	47	57	54	49	79	61	54	66	63	712
14:00	64	46	72	70	59	62	61	49	61	59	83	59	745
15:00	53	71	59	78	81	64	70	66	65	88	73	63	831
16:00	79	69	72	69	68	75	62	83	58	71	81	78	865
17:00	59	104	98	92	89	74	69	80	61	53	59	71	909
18:00	58	56	65	66	62	52	66	57	60	52	41	43	678
19:00	63	61	37	41	48	50	57	46	47	51	45	38	584
20:00	32	37	45	47	32	30	41	45	29	38	33	37	446
21:00	32	40	35	32	26	21	23	27	22	21	23	19	321
22:00	13	10	24	11	12	8	12	12	5	12	7	10	136
23:00	7	12	5	9	5	3	6	2	5	7	5	1	67

Daily Total: 9271

AM Peak Hour: 602 (10:55 - 11:55)

6.49% Of Daily Total

PM Peak Hour: 956 (16:35 - 17:35)

10.3% Of Daily Total

4th Highest Hour: 745 (14:00 - 15:00)

8.03% Of Daily Total

8th Highest Hour: 596 (11:00 - 12:00)

6.42% Of Daily Total

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Roadway: FOURTH PLAIN BOULEVARD
 Location: WEST OF COXLEY

Date: 09/10/03
 Day of Week: Wednesday

WB Traffic

TIME	:00	:05	:10	:15	:20	:25	:30	:35	:40	:45	:50	:55	Total
00:00	3	7	9	2	3	2	1	4	1	2	2	1	37
01:00	5	0	1	2	3	4	0	5	1	1	0	5	27
02:00	0	1	2	3	2	2	3	0	1	1	1	2	18
03:00	2	0	1	0	1	2	2	1	5	0	0	0	14
04:00	1	3	0	1	4	3	0	1	4	1	6	1	25
05:00	9	4	6	3	6	5	3	8	13	9	9	12	87
06:00	15	17	10	12	14	15	19	14	29	25	29	24	223
07:00	24	25	37	38	29	32	28	48	46	53	31	59	450
08:00	45	26	35	30	34	41	31	30	43	37	37	32	421
09:00	37	42	37	43	39	41	42	37	49	41	38	36	482
10:00	45	53	48	38	58	42	58	45	48	43	52	44	574
11:00	48	45	50	62	53	38	58	47	59	66	55	57	638
12:00	64	51	62	52	46	56	58	61	68	59	65	78	720
13:00	54	52	51	56	60	53	48	59	60	50	69	50	662
14:00	54	58	54	57	57	56	49	45	63	47	67	61	668
15:00	54	49	63	47	54	54	57	56	66	60	64	59	683
16:00	54	49	58	53	61	51	57	74	70	54	65	66	712
17:00	50	65	58	59	51	75	46	60	62	55	74	46	701
18:00	63	62	60	55	62	39	49	48	45	47	63	59	652
19:00	44	37	57	40	40	35	40	39	36	20	33	27	448
20:00	29	27	32	33	36	34	19	25	28	24	18	16	321
21:00	22	19	18	18	16	27	13	12	17	13	14	7	196
22:00	9	8	7	10	21	15	9	15	7	11	12	7	131
23:00	9	9	5	4	7	4	8	7	4	5	4	7	73

Daily Total: 8963

AM Peak Hour: 638 (11:00 - 12:00)

7.11% Of Daily Total

PM Peak Hour: 744 (16:30 - 17:30)

8.30% Of Daily Total

4th Highest Hour: 683 (15:00 - 16:00)

7.62% Of Daily Total

8th Highest Hour: 638 (11:00 - 12:00)

7.11% Of Daily Total