

Roadway Survey Field Sheet

TS Project # 03-213 Map 537 Grid E-3 Start Time 14:00 # Of Days 2

Location: Andresen @ 25th
 City: Vancouver, WA
 Location ID: #3

Type Of Survey:
 Volume
 Speed
 Classification

Start Date: 5-7-03
 End Date: 5-9-03

Counters: 6
 Tubes: 12

SITE EVALUATION			POSTED SPEED		DWELL TIME																																			
Vehicles Crossing Tube Perpendicular	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" 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><u>100</u></td> <td>80</td> <td><u>60</u></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	<u>100</u>	80	<u>60</u>	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	<u>100</u>	80	<u>60</u>	40	40																																			
Do You Anticipate Queuing Across Tube	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 25 Mph	<input type="checkbox"/> 45 Mph	(TAD, TBD) <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> M <input type="checkbox"/> D																																			
Speed Greater Than 20 Miles / Hour	<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"/> 35 Mph	<input type="checkbox"/> 55 Mph	Use 2 Counters if Traffic Conditions are different in each direction.																																			
SPEED: High _____ Mph Low _____ Mph			<input type="checkbox"/> Other: _____		DWELL (TAD, TBD) <u>400</u>																																			

AXLE STRIKE COUNT	SYSTEM DELAY LOGIC	SPEED CONTROL	VEHICLE SPEED CLASSIFICATION			
<u>G M D A B</u>	<u>D</u>	<u>G M B</u>	<u>M B</u>	<u>G</u>	<u>L</u>	
<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-UP

Type: A-MAF

No. _____

Box _____

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

NORTH
NORTH IS UP

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

PICK-UP

Hammer Test

Date: 5-9-03 Time: 11:00

FILE NAMES

09 AN A 53

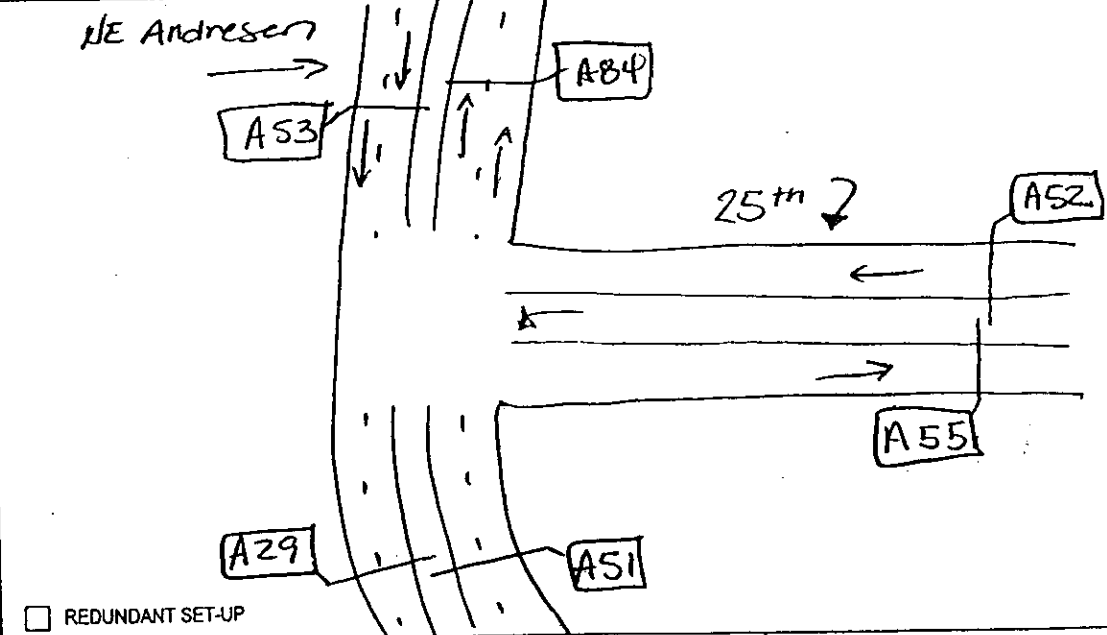
09 AN A 94

09 AN A 29

09 AN A 51

09 25 A 52

09 25 A 55



REMARKS: _____ WEATHER: Sunny Overcast Rain Snow

Surveyed By: NBA

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

ROADWAY TRAFFIC SURVEY

Roadway: NE ANDRESEN
 Location: NORTH OF 25TH STREET
 Direction: SOUTH BOUND
 Date: 5/7/3
 Day of Week: WEDNESDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service
 (503) 641-6333

Hour of Day	:00-:05	:05-:10	:10-:15	:15-:20	:20-:25	:25-:30	:30-:35	:35-:40	:40-:45	:45-:50	:50-:55	:55-:00	Hour Tot.
00-01	0	0	0	0	0	0	0	0	0	0	0	0	0
01-02	0	0	0	0	0	0	0	0	0	0	0	0	0
02-03	0	0	0	0	0	0	0	0	0	0	0	0	0
03-04	0	0	0	0	0	0	0	0	0	0	0	0	0
04-05	0	0	0	0	0	0	0	0	0	0	0	0	0
05-06	0	0	0	0	0	0	0	0	0	0	0	0	0
06-07	0	0	0	0	0	0	0	0	0	0	0	0	0
07-08	0	0	0	0	0	0	0	0	0	0	0	0	0
08-09	0	0	0	0	0	0	0	0	0	0	0	0	0
09-10	0	0	0	0	0	0	0	0	0	0	0	0	0
10-11	0	0	0	0	0	0	0	0	0	0	0	0	0
11-12	0	0	0	0	0	0	0	0	0	0	0	0	0
12-13	0	0	0	0	0	0	0	0	0	0	0	0	0
13-14	0	0	0	0	0	0	0	0	0	0	0	0	0
14-15	28	66	66	64	67	76	73	69	71	73	82	55	790
15-16	77	62	66	73	75	81	71	53	84	65	87	72	866
16-17	70	64	73	71	76	86	62	79	78	69	77	58	863
17-18	71	74	97	81	71	73	63	54	60	64	66	68	842
18-19	71	70	71	49	51	60	63	70	63	87	66	57	778
19-20	36	47	46	54	38	43	41	51	39	42	57	43	537
20-21	30	31	45	38	31	33	27	29	36	34	25	36	395
21-22	37	40	37	34	35	33	28	23	24	19	32	21	363
22-23	19	14	24	27	11	15	13	17	21	18	10	11	200
23-24	12	10	12	21	12	11	8	8	5	5	7	7	118

Daily Total:
 AM Peak Hour () % of Daily Total
 PM Peak Hour () % of Daily Total
 4th Highest Hour () % of Daily Total
 8th Highest Hour () % of Daily Total

DELAY USED 60

99-98-98(09ANA53.CAP)

ROADWAY TRAFFIC SURVEY

adway: NE ANDRESEN
 Location: NORTH OF 25TH STREET
 Direction: SOUTH BOUND
 Date: 5/8/3
 Day of Week: THURSDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service
 (503) 641-6333

Hour of Day	:00-:05	:05-:10	:10-:15	:15-:20	:20-:25	:25-:30	:30-:35	:35-:40	:40-:45	:45-:50	:50-:55	:55-:00	Hour Tot.
00-01	3	4	4	5	9	7	3	8	5	4	0	4	56
01-02	3	7	6	5	6	4	3	2	3	5	5	3	52
02-03	0	6	4	4	2	4	2	3	2	1	3	4	35
03-04	1	1	1	1	3	4	2	1	2	2	6	3	27
04-05	0	3	4	3	1	4	6	5	4	4	10	2	46
05-06	9	8	6	4	10	9	14	11	15	15	24	17	142
06-07	12	18	28	25	23	18	25	39	37	39	34	30	328
07-08	40	40	38	53	51	46	58	75	92	77	73	52	695
08-09	66	55	66	73	51	57	34	48	72	61	61	68	712
09-10	60	69	73	68	77	65	43	63	61	55	52	52	738
10-11	52	70	70	56	70	59	68	56	85	59	66	44	755
11-12	63	78	57	73	56	71	64	69	61	75	63	71	801
12-13	70	81	57	79	90	76	66	71	61	96	84	72	903
13-14	52	87	65	62	70	71	62	73	78	74	90	72	856
14-15	70	80	60	75	69	76	62	86	74	78	73	65	868
15-16	48	82	67	71	65	72	72	69	77	73	66	80	842
16-17	64	66	72	64	72	65	71	82	82	56	82	59	835
17-18	78	74	78	94	74	79	66	74	67	66	89	59	898
18-19	64	61	71	70	45	67	54	69	65	82	71	60	779
19-20	55	58	47	43	36	38	47	48	37	37	35	46	527
20-21	40	42	39	33	35	38	33	33	30	35	50	48	456
21-22	29	44	45	32	26	29	22	22	30	29	19	15	342
22-23	25	30	25	22	9	22	20	14	13	13	12	11	216
23-24	10	7	19	8	10	7	7	11	9	6	8	6	108

Daily Total: 12017

AM Peak Hour (11:00-12:00)	801	6.67 % of Daily Total
PM Peak Hour (16:30-17:30)	909	7.56 % of Daily Total
4th Highest Hour (13:00-14:00)	856	7.12 % of Daily Total
8th Highest Hour (18:00-19:00)	779	6.48 % of Daily Total

DELAY USED 60

99-98-98 (09ANA53.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: NE ANDRESEN
 Location: NORTH OF 25TH STREET
 Direction: SOUTH BOUND
 Date: 5/9/3
 Day of Week: FRIDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service
 (503) 641-6333

Hour of Day	:00-:05	:05-:10	:10-:15	:15-:20	:20-:25	:25-:30	:30-:35	:35-:40	:40-:45	:45-:50	:50-:55	:55-:00	Hour Tot.
00-01	10	4	11	5	12	9	5	9	9	2	5	9	90
01-02	3	0	7	2	9	2	5	4	3	4	6	4	49
02-03	4	4	3	3	4	1	3	2	3	2	1	1	31
03-04	1	1	2	3	2	2	1	3	4	3	2	1	25
04-05	2	6	2	2	0	1	2	4	7	3	8	6	43
05-06	7	5	13	12	10	12	8	17	15	28	17	11	155
06-07	24	22	27	31	20	35	23	35	44	38	49	45	393
07-08	38	40	61	53	70	58	62	64	81	56	72	70	725
08-09	61	69	60	64	67	41	54	74	63	64	71	58	746
09-10	45	45	57	62	63	56	63	55	69	52	64	61	692
10-11	61	82	44	65	66	69	42	0	0	0	0	0	429
11-12	0	0	0	0	0	0	0	0	0	0	0	0	0
12-13													
13-14													
14-15													
15-16													
16-17													
17-18													
18-19													
19-20													
20-21													
21-22													
22-23													
23-24													

Daily Total:
 AM Peak Hour () % of Daily Total
 PM Peak Hour () % of Daily Total
 4th Highest Hour () % of Daily Total
 8th Highest Hour () % of Daily Total

DELAY USED 60

99-98-98 (09ANA53.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: NE ANDRESEN
 Location: NORTH OF NE 25TH STREET
 Direction: NORTH BOUND
 Date: 5/7/3
 Day of Week: WEDNESDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service
 (503) 641-6333

Hour of Day	:00-:05	:05-:10	:10-:15	:15-:20	:20-:25	:25-:30	:30-:35	:35-:40	:40-:45	:45-:50	:50-:55	:55-:00	Hour Tot.
00-01	0	0	0	0	0	0	0	0	0	0	0	0	0
01-02	0	0	0	0	0	0	0	0	0	0	0	0	0
02-03	0	0	0	0	0	0	0	0	0	0	0	0	0
03-04	0	0	0	0	0	0	0	0	0	0	0	0	0
04-05	0	0	0	0	0	0	0	0	0	0	0	0	0
05-06	0	0	0	0	0	0	0	0	0	0	0	0	0
06-07	0	0	0	0	0	0	0	0	0	0	0	0	0
07-08	0	0	0	0	0	0	0	0	0	0	0	0	0
08-09	0	0	0	0	0	0	0	0	0	0	0	0	0
09-10	0	0	0	0	0	0	0	0	0	0	0	0	0
10-11	0	0	0	0	0	0	0	0	0	0	0	0	0
11-12	0	0	0	0	0	0	0	0	0	0	0	0	0
12-13	0	0	0	0	0	0	0	0	0	0	0	0	0
13-14	0	0	0	0	0	0	0	0	0	0	0	0	0
14-15	3	87	99	96	88	69	73	85	87	98	95	82	962
15-16	98	93	94	101	80	78	85	108	89	103	68	77	1074
16-17	85	98	83	82	101	78	97	92	100	101	102	116	1135
17-18	87	109	108	72	101	104	83	90	105	87	68	68	1082
18-19	79	69	78	73	67	57	77	79	55	63	70	66	833
19-20	75	62	47	54	50	40	49	50	43	43	47	48	608
20-21	61	47	52	47	46	49	51	47	40	52	60	54	606
21-22	39	43	34	43	33	30	27	26	35	29	27	22	388
22-23	27	15	13	27	20	17	23	25	17	27	16	17	244
23-24	11	16	14	11	13	18	11	12	11	14	12	9	152

Daily Total:
 AM Peak Hour () % of Daily Total
 PM Peak Hour () % of Daily Total
 4th Highest Hour () % of Daily Total
 8th Highest Hour () % of Daily Total

DELAY USED 60

99-98-98 (09ANA84.CAP)

ROADWAY TRAFFIC SURVEY

adway: NE ANDRESEN
 Location: NORTH OF NE 25TH STREET
 Direction: NORTH BOUND
 Date: 5/8/3
 Day of Week: THURSDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service
 (503) 641-6333

Hour of Day	:00-:05	:05-:10	:10-:15	:15-:20	:20-:25	:25-:30	:30-:35	:35-:40	:40-:45	:45-:50	:50-:55	:55-:00	Hour Tot.
00-01	7	6	6	4	8	9	10	8	8	2	3	2	73
01-02	4	8	4	2	2	4	2	3	3	5	3	5	45
02-03	3	3	7	5	1	4	5	4	2	4	1	3	42
03-04	3	1	1	3	1	1	2	0	1	2	4	6	25
04-05	7	3	2	1	3	2	12	3	3	1	10	6	53
05-06	4	9	10	8	7	15	12	23	20	25	23	24	180
06-07	18	28	12	15	24	20	31	41	38	35	35	31	328
07-08	33	34	38	39	48	42	36	40	58	69	61	67	565
08-09	48	73	57	61	62	56	50	55	56	62	65	69	714
09-10	50	47	51	61	48	71	64	74	68	73	76	62	745
10-11	70	58	64	81	78	73	81	62	63	68	64	76	838
11-12	70	56	86	72	83	84	65	85	82	102	98	84	967
12-13	92	93	60	81	84	79	75	84	68	86	82	88	972
13-14	57	81	75	83	79	81	86	80	82	78	84	88	954
14-15	71	83	111	75	92	89	80	86	111	70	84	92	1044
15-16	94	95	118	96	89	90	82	97	89	101	79	93	1123
16-17	96	93	92	99	91	105	95	90	92	98	97	88	1136
17-18	92	111	99	84	111	83	98	90	88	81	88	78	1103
18-19	79	83	85	68	60	64	64	61	65	57	60	48	794
19-20	59	49	61	54	44	56	45	44	48	45	51	40	596
20-21	42	39	36	43	40	36	48	54	46	49	39	40	512
21-22	33	30	35	42	43	52	46	34	22	29	26	34	426
22-23	23	29	21	16	22	15	27	20	25	21	22	15	256
23-24	16	20	12	8	7	11	11	8	11	15	9	7	135

Daily Total: 13626
 AM Peak Hour (11:00-12:00) 967 7.1 % of Daily Total
 PM Peak Hour (16:25-17:25) 1162 8.53 % of Daily Total
 4th Highest Hour (14:00-15:00)1044 7.66 % of Daily Total
 8th Highest Hour (10:00-11:00)838 6.15 % of Daily Total

DELAY USED 60

99-98-98 (09ANA84 .CAP)

ROADWAY TRAFFIC SURVEY

Roadway: NE ANDRESEN
 Location: NORTH OF NE 25TH STREET
 Direction: NORTH BOUND
 Date: 5/9/3
 Day of Week: FRIDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service
 (503) 641-6333

Hour of Day	:00-:05	:05-:10	:10-:15	:15-:20	:20-:25	:25-:30	:30-:35	:35-:40	:40-:45	:45-:50	:50-:55	:55-:00	Hour Tot.
00-01	6	3	10	12	2	6	11	5	10	7	6	5	83
01-02	7	2	7	8	5	1	3	6	6	6	2	11	64
02-03	9	5	4	6	2	8	4	2	2	1	0	3	46
03-04	1	2	1	0	2	2	4	0	4	1	0	6	23
04-05	6	4	2	2	2	4	2	2	3	1	5	4	37
05-06	7	4	10	13	14	8	17	12	24	26	20	15	170
06-07	15	27	19	22	31	23	25	33	37	44	35	37	348
07-08	33	32	35	41	45	53	51	51	43	66	71	38	559
08-09	43	59	72	59	66	71	62	60	43	72	58	64	729
09-10	66	75	61	64	69	65	70	82	64	74	63	82	835
10-11	65	67	77	68	78	65	68	0	0	0	0	0	488
11-12	0	0	0	0	0	0	0	0	0	0	0	0	0
12-13													
13-14													
14-15													
15-16													
16-17													
17-18													
18-19													
19-20													
20-21													
21-22													
22-23													
23-24													

Daily Total:
 AM Peak Hour () % of Daily Total
 PM Peak Hour () % of Daily Total
 4th Highest Hour () % of Daily Total
 8th Highest Hour () % of Daily Total

DELAY USED 60

99-98-98 (09ANA84.CAP)

ROADWAY TRAFFIC SURVEY

adway: NE ANDRESEN
 Location: SOUTH OF NE 25TH STREET
 Direction: SOUTH BOUND
 Date: 5/7/3
 Day of Week: WEDNESDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service
 (503) 641-6333

Hour of Day	:00-:05	:05-:10	:10-:15	:15-:20	:20-:25	:25-:30	:30-:35	:35-:40	:40-:45	:45-:50	:50-:55	:55-:00	Hour Tot.
00-01	0	0	0	0	0	0	0	0	0	0	0	0	0
01-02	0	0	0	0	0	0	0	0	0	0	0	0	0
02-03	0	0	0	0	0	0	0	0	0	0	0	0	0
03-04	0	0	0	0	0	0	0	0	0	0	0	0	0
04-05	0	0	0	0	0	0	0	0	0	0	0	0	0
05-06	0	0	0	0	0	0	0	0	0	0	0	0	0
06-07	0	0	0	0	0	0	0	0	0	0	0	0	0
07-08	0	0	0	0	0	0	0	0	0	0	0	0	0
08-09	0	0	0	0	0	0	0	0	0	0	0	0	0
09-10	0	0	0	0	0	0	0	0	0	0	0	0	0
10-11	0	0	0	0	0	0	0	0	0	0	0	0	0
11-12	0	0	0	0	0	0	0	0	0	0	0	0	0
12-13	0	0	0	0	0	0	0	0	0	0	0	0	0
13-14	0	0	0	0	0	0	0	0	0	0	0	0	0
14-15	0	0	54	62	59	76	63	70	62	63	67	47	623
15-16	66	56	55	65	68	59	63	54	77	58	64	64	749
16-17	60	58	69	54	82	60	50	65	71	63	65	54	751
17-18	66	62	75	72	63	69	52	57	56	48	64	59	743
18-19	59	61	65	42	60	55	61	57	74	75	53	57	719
19-20	42	42	33	42	31	31	39	40	36	34	50	28	448
20-21	29	24	34	27	24	30	21	26	30	24	21	25	315
21-22	35	29	31	33	22	21	28	19	20	19	25	16	298
22-23	13	13	18	16	10	12	15	11	13	12	9	8	150
23-24	7	6	8	11	6	6	6	8	6	7	3	4	78

Daily Total:
 AM Peak Hour () % of Daily Total
 PM Peak Hour () % of Daily Total
 4th Highest Hour () % of Daily Total
 8th Highest Hour () % of Daily Total

DELAY USED 60

99-98-99 (09ANA29.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: NE ANDRESEN
 Location: SOUTH OF NE 25TH STREET
 Direction: SOUTH BOUND
 Date: 5/8/3
 Day of Week: THURSDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service
 (503) 641-6333

Hour of Day	:00- :05	:05- :10	:10- :15	:15- :20	:20- :25	:25- :30	:30- :35	:35- :40	:40- :45	:45- :50	:50- :55	:55- :00	Hour Tot.
00-01	4	4	2	6	8	5	4	6	4	4	1	3	51
01-02	3	7	6	4	5	4	2	1	3	5	5	2	47
02-03	3	3	7	2	3	2	2	1	2	3	3	3	34
03-04	0	1	1	1	2	1	2	2	1	2	8	1	22
04-05	0	2	4	1	3	4	4	7	3	6	7	3	44
05-06	14	7	6	5	9	8	12	7	13	17	25	17	140
06-07	12	20	26	21	26	20	28	30	29	30	29	24	295
07-08	33	31	31	57	35	48	44	68	74	76	64	58	619
08-09	42	42	65	55	52	45	25	51	62	58	51	69	617
09-10	52	66	74	70	59	56	49	50	54	46	46	59	681
10-11	47	67	59	50	60	67	60	59	78	60	41	55	703
11-12	50	70	56	44	63	56	58	59	60	60	68	67	711
12-13	73	72	48	60	75	56	68	63	74	83	69	63	804
13-14	53	68	60	60	51	85	55	70	69	80	75	65	791
14-15	67	70	67	57	58	67	58	64	73	76	51	63	771
15-16	61	58	51	70	62	57	64	56	64	51	74	51	719
16-17	59	56	60	58	59	49	64	61	68	57	69	66	726
17-18	69	71	57	76	80	49	73	65	67	50	75	51	783
18-19	47	51	70	41	46	57	53	55	59	79	46	53	657
19-20	53	43	53	28	30	39	44	39	28	38	27	41	463
20-21	34	26	24	28	29	36	27	21	30	34	50	27	366
21-22	29	40	32	24	20	28	18	17	22	24	11	10	275
22-23	29	20	18	11	12	13	14	12	9	12	11	9	170
23-24	7	4	10	5	12	0	10	10	4	7	7	7	83

Daily Total: 10572

AM Peak Hour (08:35-09:35) 717

6.78 % of Daily Total

PM Peak Hour (13:25-14:25) 818

7.74 % of Daily Total

4th Highest Hour (14:00-15:00) 771

7.29 % of Daily Total

8th Highest Hour (10:00-11:00) 703

6.65 % of Daily Total

DELAY USED 60

99-98-99(09ANA29.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: NE ANDRESEN
 Location: SOUTH OF NE 25TH STREET
 Direction: SOUTH BOUND
 Date: 5/9/3
 Day of Week: FRIDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service
 (503) 641-6333

Hour of Day	:00- :05	:05- :10	:10- :15	:15- :20	:20- :25	:25- :30	:30- :35	:35- :40	:40- :45	:45- :50	:50- :55	:55- :00	Hour Tot.
00-01	6	4	7	4	12	7	7	8	5	4	7	4	75
01-02	2	4	2	6	6	0	2	3	1	6	4	3	39
02-03	0	2	3	3	2	3	1	3	2	2	2	0	23
03-04	1	1	1	2	1	1	2	1	3	3	4	1	21
04-05	9	1	2	2	0	1	5	7	3	4	9	11	54
05-06	7	7	15	14	12	11	6	22	19	22	19	11	165
06-07	23	17	35	24	25	29	29	42	35	37	31	39	366
07-08	40	38	49	52	58	52	72	57	61	54	68	56	657
08-09	67	61	49	60	45	46	57	56	58	55	62	53	669
09-10	39	54	49	44	46	65	50	55	59	55	54	63	633
10-11	65	60	46	52	59	54	59	56	0	0	0	0	451
11-12	0	0	0	0	0	0	0	0	0	0	0	0	0
12-13													
13-14													
14-15													
15-16													
16-17													
17-18													
18-19													
19-20													
20-21													
21-22													
22-23													
23-24													

Daily Total:
 AM Peak Hour () % of Daily Total
 PM Peak Hour () % of Daily Total
 4th Highest Hour () % of Daily Total
 8th Highest Hour () % of Daily Total

DELAY USED 60

99-98-99 (09ANA29.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: NE ANDRESEN
 Location: SOUTH OF NE 25TH STREET
 Direction: NORTH BOUND
 Date: 5/7/3
 Day of Week: WEDNESDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service
 (503) 641-6333

Hour of Day	:00-:05	:05-:10	:10-:15	:15-:20	:20-:25	:25-:30	:30-:35	:35-:40	:40-:45	:45-:50	:50-:55	:55-:00	Hour Tot.
00-01	0	0	0	0	0	0	0	0	0	0	0	0	0
01-02	0	0	0	0	0	0	0	0	0	0	0	0	0
02-03	0	0	0	0	0	0	0	0	0	0	0	0	0
03-04	0	0	0	0	0	0	0	0	0	0	0	0	0
04-05	0	0	0	0	0	0	0	0	0	0	0	0	0
05-06	0	0	0	0	0	0	0	0	0	0	0	0	0
06-07	0	0	0	0	0	0	0	0	0	0	0	0	0
07-08	0	0	0	0	0	0	0	0	0	0	0	0	0
08-09	0	0	0	0	0	0	0	0	0	0	0	0	0
09-10	0	0	0	0	0	0	0	0	0	0	0	0	0
10-11	0	0	0	0	0	0	0	0	0	0	0	0	0
11-12	0	0	0	0	0	0	0	0	0	0	0	0	0
12-13	0	0	0	0	0	0	0	0	0	0	0	0	0
13-14	0	0	0	0	0	0	0	0	0	0	0	0	0
14-15	0	1	68	87	65	52	65	66	83	76	75	72	710
15-16	82	77	75	81	70	64	59	91	87	70	62	70	888
16-17	71	70	61	85	67	65	87	72	89	71	83	103	924
17-18	80	96	71	79	85	70	73	77	85	47	55	58	876
18-19	64	58	58	54	61	39	59	54	45	55	52	45	644
19-20	57	49	28	40	30	36	40	29	26	33	44	46	458
20-21	46	37	39	41	23	34	28	25	37	54	39	42	445
21-22	29	29	29	34	20	24	22	17	27	23	15	17	286
22-23	17	8	11	16	14	21	19	19	11	13	11	10	170
23-24	8	7	13	11	7	9	8	10	5	17	6	7	108

Daily Total:

AM Peak Hour ()	% of Daily Total
PM Peak Hour ()	% of Daily Total
4th Highest Hour ()	% of Daily Total
8th Highest Hour ()	% of Daily Total

DELAY USED 60

98-97-98 (09ANA51.CAP)

ROADWAY TRAFFIC SURVEY

adway: NE ANDRESEN
 Location: SOUTH OF NE 25TH STREET
 Direction: NORTH BOUND
 Date: 5/8/3
 Day of Week: THURSDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service
 (503) 641-6333

Hour of Day	:00-:05	:05-:10	:10-:15	:15-:20	:20-:25	:25-:30	:30-:35	:35-:40	:40-:45	:45-:50	:50-:55	:55-:00	Hour Tot.
00-01	4	6	3	4	7	3	8	3	7	0	3	3	51
01-02	3	6	4	3	1	5	3	2	2	3	4	4	40
02-03	2	3	5	1	0	5	3	3	2	4	2	3	33
03-04	1	1	0	3	0	0	2	2	3	2	2	3	19
04-05	2	1	3	4	0	6	4	0	2	2	5	7	36
05-06	4	3	8	7	6	7	14	10	7	12	13	19	110
06-07	17	9	10	11	15	11	19	20	24	28	16	19	199
07-08	22	13	18	28	28	20	25	35	44	36	51	37	357
08-09	33	48	41	41	42	32	41	28	42	50	46	39	483
09-10	38	34	46	41	34	60	50	49	61	52	59	48	572
10-11	50	52	53	68	69	57	52	61	51	51	61	59	684
11-12	46	66	61	71	55	63	75	61	102	69	78	68	815
12-13	71	65	62	61	55	75	64	70	67	69	75	40	774
13-14	66	65	63	81	56	64	65	68	66	80	62	62	798
14-15	77	85	80	64	79	72	60	77	85	71	68	72	890
15-16	90	99	81	62	75	72	67	86	80	74	75	73	934
16-17	81	76	67	77	81	72	83	80	61	77	73	80	908
17-18	86	99	73	93	75	66	80	63	71	49	69	62	886
18-19	68	54	61	51	46	56	46	59	49	44	38	36	608
19-20	44	39	50	39	37	34	36	33	37	42	32	20	443
20-21	41	32	23	29	31	29	48	32	44	29	24	25	387
21-22	24	21	27	35	35	28	26	23	15	18	22	21	295
22-23	26	17	11	13	11	11	21	21	18	18	16	12	195
23-24	9	11	7	5	3	11	7	5	5	13	5	5	86

Daily Total: 10603

AM Peak Hour (11:00-12:00) 815

7.69 % of Daily Total

PM Peak Hour (16:20-17:20) 958

9.04 % of Daily Total

4th Highest Hour (17:00-18:00) 886

8.36 % of Daily Total

8th Highest Hour (10:00-11:00) 684

6.45 % of Daily Total

DELAY USED 60

98-97-98 (09ANA51.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: NE ANDRESEN
 Location: SOUTH OF NE 25TH STREET
 Direction: NORTH BOUND
 Date: 5/9/3
 Day of Week: FRIDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service
 (503) 641-6333

Hour of Day	:00- :05	:05- :10	:10- :15	:15- :20	:20- :25	:25- :30	:30- :35	:35- :40	:40- :45	:45- :50	:50- :55	:55- :00	Hour Tot.
00-01	6	3	11	2	2	4	5	7	5	3	5	3	56
01-02	8	3	5	9	3	1	4	5	3	3	8	5	57
02-03	7	2	5	4	3	3	2	1	1	0	0	0	28
03-04	1	2	0	0	0	0	3	0	1	0	2	3	12
04-05	3	4	1	1	2	3	0	1	3	0	2	7	27
05-06	3	7	12	5	9	9	10	7	13	17	10	13	115
06-07	14	15	9	13	17	17	19	19	24	31	24	26	228
07-08	27	15	17	27	28	30	36	28	44	40	42	35	369
08-09	31	49	42	40	54	54	47	35	46	51	51	44	544
09-10	46	54	46	45	56	49	60	57	59	56	64	49	641
10-11	54	57	56	69	59	40	60	64	0	0	0	0	459
11-12	0	0	0	0	0	0	0	0	0	0	0	0	0
12-13													
13-14													
14-15													
15-16													
16-17													
17-18													
18-19													
19-20													
20-21													
21-22													
22-23													
23-24													

Daily Total:
 AM Peak Hour () % of Daily Total
 PM Peak Hour () % of Daily Total
 4th Highest Hour () % of Daily Total
 8th Highest Hour () % of Daily Total

DELAY USED 60

98-97-98 (09ANA51.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: NE 25TH STREET
 Location: EAST OF ANDRESEN
 Direction: WEST BOUND
 Date: 5/7/3
 Day of Week: WEDNESDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service
 (503) 641-6333

Hour of Day	:00-:05	:05-:10	:10-:15	:15-:20	:20-:25	:25-:30	:30-:35	:35-:40	:40-:45	:45-:50	:50-:55	:55-:00	Hour Tot.
00-01	0	0	0	0	0	0	0	0	0	0	0	0	0
01-02	0	0	0	0	0	0	0	0	0	0	0	0	0
02-03	0	0	0	0	0	0	0	0	0	0	0	0	0
03-04	0	0	0	0	0	0	0	0	0	0	0	0	0
04-05	0	0	0	0	0	0	0	0	0	0	0	0	0
05-06	0	0	0	0	0	0	0	0	0	0	0	0	0
06-07	0	0	0	0	0	0	0	0	0	0	0	0	0
07-08	0	0	0	0	0	0	0	0	0	0	0	0	0
08-09	0	0	0	0	0	0	0	0	0	0	0	0	0
09-10	0	0	0	0	0	0	0	0	0	0	0	0	0
10-11	0	0	0	0	0	0	0	0	0	0	0	0	0
11-12	0	0	0	0	0	0	0	0	0	0	0	0	0
12-13	0	0	0	0	0	0	0	0	0	0	0	0	0
13-14	0	0	0	0	0	0	0	0	0	0	0	0	0
14-15	0	0	0	11	26	25	27	28	25	26	21	24	213
15-16	36	31	17	21	26	24	30	22	28	26	21	26	308
16-17	29	21	26	27	27	20	25	28	28	28	40	21	320
17-18	29	25	22	20	32	20	23	23	26	22	25	21	288
18-19	25	25	36	23	25	29	32	30	30	19	18	28	320
19-20	24	22	22	17	16	15	18	16	17	11	15	14	207
20-21	7	7	16	6	11	14	12	9	13	5	10	7	117
21-22	8	12	15	9	7	10	13	8	8	8	11	6	115
22-23	8	5	9	8	10	3	4	3	4	8	8	4	74
23-24	5	6	3	5	3	5	6	4	3	4	1	4	49

Daily Total:
 AM Peak Hour () % of Daily Total
 PM Peak Hour () % of Daily Total
 4th Highest Hour () % of Daily Total
 8th Highest Hour () % of Daily Total

DELAY USED 60

99-99-99 (0925A52.CAP)

ROADWAY TRAFFIC SURVEY

adway: NE 25TH STREET
 Location: EAST OF ANDRESEN
 Direction: WEST BOUND
 Date: 5/8/3
 Day of Week: THURSDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service
 (503) 641-6333

Hour of Day	:00- :05	:05- :10	:10- :15	:15- :20	:20- :25	:25- :30	:30- :35	:35- :40	:40- :45	:45- :50	:50- :55	:55- :00	Hour Tot.
00-01	3	2	2	5	3	3	5	2	3	0	0	1	29
01-02	2	3	0	1	1	0	0	0	3	1	0	4	15
02-03	1	1	3	3	1	1	1	1	1	0	0	0	13
03-04	2	0	1	0	0	1	0	0	1	0	1	6	12
04-05	3	1	0	0	2	0	6	1	4	3	5	1	26
05-06	2	8	3	2	5	8	6	15	13	16	15	10	103
06-07	10	16	5	13	16	15	12	23	21	15	25	20	191
07-08	19	24	25	28	19	28	26	25	30	38	33	32	327
08-09	32	20	35	22	30	28	22	20	27	30	21	25	312
09-10	31	20	19	24	20	27	20	25	22	28	22	16	274
10-11	24	25	16	27	31	15	20	26	21	19	27	22	273
11-12	18	14	22	23	28	15	23	21	28	33	31	25	281
12-13	27	22	21	26	25	21	24	21	25	19	23	28	282
13-14	28	25	21	21	21	34	20	23	33	25	24	19	294
14-15	28	13	38	18	21	17	26	20	30	20	22	27	280
15-16	31	24	29	25	27	22	16	19	27	27	28	22	297
16-17	31	21	30	35	24	20	26	33	31	35	18	24	328
17-18	38	26	23	29	27	19	21	32	23	27	28	29	322
18-19	20	27	33	26	24	18	24	19	21	26	17	27	282
19-20	19	18	21	14	16	24	17	12	18	12	17	17	205
20-21	15	7	12	15	17	10	20	4	15	15	22	9	161
21-22	10	9	10	12	15	18	9	11	12	6	9	10	131
22-23	8	10	6	8	7	8	11	3	5	2	7	3	78
23-24	8	7	4	3	9	3	4	5	4	6	3	2	58

Daily Total: 4574

AM Peak Hour (07:30-08:30) 351

7.67 % of Daily Total

PM Peak Hour (16:10-17:10) 340

7.43 % of Daily Total

4th Highest Hour (08:00-09:00) 312

6.82 % of Daily Total

8th Highest Hour (18:00-19:00) 282

6.17 % of Daily Total

DELAY USED 60

99-99-99(0925A52.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: NE 25TH STREET
 Location: EAST OF ANDRESEN
 Direction: WEST BOUND
 Date: 5/9/3
 Day of Week: FRIDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service
 (503) 641-6333

Hour of Day	:00-:05	:05-:10	:10-:15	:15-:20	:20-:25	:25-:30	:30-:35	:35-:40	:40-:45	:45-:50	:50-:55	:55-:00	Hour Tot.
00-01	0	4	1	5	1	2	6	4	3	1	3	0	30
01-02	1	1	2	2	1	1	0	2	3	1	0	1	15
02-03	2	1	1	1	1	3	1	1	2	1	1	2	17
03-04	1	0	0	1	1	2	0	0	1	1	1	1	9
04-05	3	4	0	0	2	0	1	4	2	1	4	1	22
05-06	5	3	5	6	8	3	6	6	18	15	10	8	93
06-07	12	17	14	10	12	7	19	21	20	22	18	16	188
07-08	12	17	27	32	31	29	31	27	34	37	33	23	333
08-09	21	23	35	25	29	27	19	36	9	27	11	33	295
09-10	23	36	18	23	17	20	25	16	26	26	28	18	276
10-11	32	24	26	18	24	23	21	21	30	22	12	0	253
11-12	0	0	0	0	0	0	0	0	0	0	0	0	0
12-13													
13-14													
14-15													
15-16													
16-17													
17-18													
18-19													
19-20													
20-21													
21-22													
22-23													
23-24													

Daily Total:
 AM Peak Hour () % of Daily Total
 PM Peak Hour () % of Daily Total
 4th Highest Hour () % of Daily Total
 8th Highest Hour () % of Daily Total

DELAY USED 60

99-99-99 (0925A52.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: NE 25TH STREET
 Location: EAST OF NE ANDRESEN
 Direction: EAST BOUND
 Date: 5/7/3
 Day of Week: WEDNESDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service
 (503) 641-6333

Hour of Day	:00-:05	:05-:10	:10-:15	:15-:20	:20-:25	:25-:30	:30-:35	:35-:40	:40-:45	:45-:50	:50-:55	:55-:00	Hour Tot.
00-01	0	0	0	0	0	0	0	0	0	0	0	0	0
01-02	0	0	0	0	0	0	0	0	0	0	0	0	0
02-03	0	0	0	0	0	0	0	0	0	0	0	0	0
03-04	0	0	0	0	0	0	0	0	0	0	0	0	0
04-05	0	0	0	0	0	0	0	0	0	0	0	0	0
05-06	0	0	0	0	0	0	0	0	0	0	0	0	0
06-07	0	0	0	0	0	0	0	0	0	0	0	0	0
07-08	0	0	0	0	0	0	0	0	0	0	0	0	0
08-09	0	0	0	0	0	0	0	0	0	0	0	0	0
09-10	0	0	0	0	0	0	0	0	0	0	0	0	0
10-11	0	0	0	0	0	0	0	0	0	0	0	0	0
11-12	0	0	0	0	0	0	0	0	0	0	0	0	0
12-13	0	0	0	0	0	0	0	0	0	0	0	0	0
13-14	0	0	0	0	0	0	0	0	0	0	0	0	0
14-15	0	0	0	10	10	20	17	17	16	29	16	26	161
15-16	21	28	21	23	16	25	17	15	16	23	20	21	246
16-17	21	22	19	16	26	28	19	18	20	21	28	17	255
17-18	24	23	30	25	12	24	23	9	22	22	14	21	249
18-19	22	24	21	13	9	15	13	13	15	13	9	11	178
19-20	10	15	9	14	11	12	16	12	18	12	14	16	159
20-21	16	6	16	11	17	14	11	12	15	12	11	8	149
21-22	10	15	10	9	10	11	7	7	5	7	9	6	106
22-23	6	3	6	12	1	10	4	4	6	5	4	4	65
23-24	6	5	4	11	5	5	3	3	0	1	1	5	49

Daily Total:
 AM Peak Hour () % of Daily Total
 PM Peak Hour () % of Daily Total
 4th Highest Hour () % of Daily Total
 8th Highest Hour () % of Daily Total

DELAY USED 60

99-99-99 (0925A55.CAP)

ROADWAY TRAFFIC SURVEY

adway: NE 25TH STREET
 Location: EAST OF NE ANDRESEN
 Direction: EAST BOUND
 Date: 5/8/3
 Day of Week: THURSDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service
 (503) 641-6333

Hour of Day	:00-:05	:05-:10	:10-:15	:15-:20	:20-:25	:25-:30	:30-:35	:35-:40	:40-:45	:45-:50	:50-:55	:55-:00	Hour Tot.
00-01	1	1	2	1	3	0	2	1	3	0	0	1	15
01-02	2	1	1	2	1	0	1	1	1	2	1	1	14
02-03	1	2	0	0	1	0	0	2	2	0	0	1	9
03-04	1	0	0	0	0	3	0	1	3	0	0	0	8
04-05	0	0	3	1	1	1	1	0	0	1	3	0	11
05-06	0	1	0	0	1	0	2	4	3	3	3	3	20
06-07	4	5	7	2	3	3	2	11	10	15	7	6	75
07-08	14	14	9	13	8	10	13	10	14	17	13	10	145
08-09	24	11	9	15	17	12	10	5	10	9	13	12	147
09-10	14	13	4	9	11	13	7	9	12	16	10	10	128
10-11	9	13	16	14	17	8	14	12	15	16	16	13	163
11-12	15	24	13	12	13	22	17	10	16	18	13	7	180
12-13	21	22	18	19	21	18	16	15	8	19	15	22	214
13-14	11	17	18	13	26	11	21	14	12	19	18	20	200
14-15	19	17	17	17	18	17	9	27	12	26	13	18	210
15-16	16	18	24	13	25	19	16	19	19	17	25	15	226
16-17	19	17	15	34	21	20	25	29	23	19	18	23	263
17-18	26	20	29	26	19	24	22	16	18	22	18	20	260
18-19	25	13	27	20	16	20	21	15	14	23	17	19	230
19-20	13	16	10	15	9	16	12	10	10	19	10	12	152
20-21	8	18	17	10	9	13	12	9	8	11	8	16	139
21-22	15	9	12	8	13	8	6	9	10	10	9	6	115
22-23	3	8	8	10	4	6	7	5	4	2	3	5	65
23-24	3	5	8	4	2	3	4	1	3	1	2	2	38

Daily Total: 3027
 AM Peak Hour (10:50-11:50) 189 6.24 % of Daily Total
 PM Peak Hour (16:15-17:15) 287 9.48 % of Daily Total
 4th Highest Hour (15:00-16:00) 226 7.47 % of Daily Total
 8th Highest Hour (11:00-12:00) 180 5.95 % of Daily Total

DELAY USED 60

99-99-99 (0925A55.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: NE 25TH STREET
 Location: EAST OF NE ANDRESEN
 Direction: EAST BOUND
 Date: 5/9/3
 Day of Week: FRIDAY
 Axles per Vehicles: 2

Traffic Smithy
 Traffic Survey Service
 (503) 641-6333

Hour of Day	:00-:05	:05-:10	:10-:15	:15-:20	:20-:25	:25-:30	:30-:35	:35-:40	:40-:45	:45-:50	:50-:55	:55-:00	Hour Tot.
00-01	1	1	4	5	0	0	1	2	3	0	0	1	18
01-02	3	0	3	0	1	3	0	3	0	0	1	0	14
02-03	3	2	2	1	2	0	1	0	1	0	0	0	12
03-04	1	0	1	1	0	1	0	1	1	0	0	0	6
04-05	1	2	0	0	0	1	0	1	2	0	0	0	7
05-06	1	0	0	3	0	0	1	1	1	6	2	4	19
06-07	8	4	3	2	3	8	2	3	3	8	11	11	66
07-08	6	13	11	13	9	8	13	10	17	18	9	13	140
08-09	14	9	10	11	19	10	13	11	8	14	10	6	135
09-10	12	6	11	11	10	16	12	10	13	12	18	7	138
10-11	9	13	13	13	15	19	15	14	13	5	0	0	129
11-12	0	0	0	0	0	0	0	0	0	0	0	0	0
12-13													
13-14													
14-15													
15-16													
16-17													
17-18													
18-19													
19-20													
20-21													
21-22													
22-23													
23-24													

Daily Total:
 AM Peak Hour () % of Daily Total
 PM Peak Hour () % of Daily Total
 4th Highest Hour () % of Daily Total
 8th Highest Hour () % of Daily Total

DELAY USED 60

99-99-99(0925A55.CAP)