

ROADWAY SURVEY FIELD SHEET

TS Project # 02-308 Map _____ Grid _____ Start Time 10:11 # Of Days 3

Location: WASHOUGAL, WA
E ST JUST WEST OF 22ND
 Location ID: #7

Type Of Survey
 Volume
 Speed
 Classification

Start Date: 5/29/2 Counters 2
 S M T W T F S
 End Date: 5/31/2 Tubes 2
 S M T W T F S

SITE EVALUATION			POSTED SPEED		DWELL TIME							
YES	NO	???			LOWEST SPEED		HIGHEST SPEED			(TAD, TBD)		
					MPH	10-20	15-30	25-40	35-45	> 45		
Vehicles Crossing Tube Perpendicular	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> None	<input type="checkbox"/> 40 Mph	Standing Queue	200	130	100	80	40	(A)
Do You Anticipate Queuing Across Tube	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 25 Mph	<input type="checkbox"/> 45 Mph	5 - 10 MPH	130	90	70	60	40	(B)
Speed Greater Than 20 Miles / Hour	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> 30 Mph	<input type="checkbox"/> 50 Mph	> 10 MPH	100	80	60	60	60	(M)
Tube Crosses No More Than 2 Lanes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 35 Mph	<input type="checkbox"/> 55 Mph	Use 2 Counters if Traffic Conditions are different in each direction.					(D)	
SPEED: High _____ Mph Low _____ Mph	<input type="checkbox"/> Other: _____		DWELL (TAD, TBD) <u>60</u>									

AXLE STRIKE COUNT		SYSTEM DELAY LOGIC		SPEED CLASS LOGIC		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. A30, A41

Box _____

Tube Length 40'

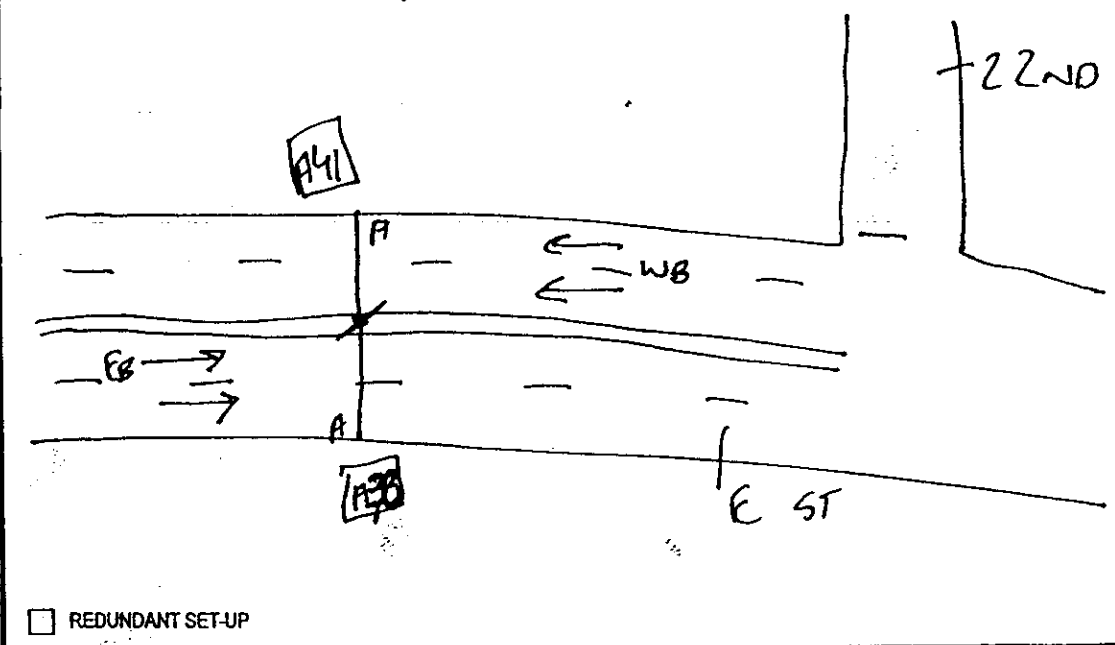
Hammer Test

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 DRIVEWAY: Combined In-Bound Out-Bound

ROAD CONDITION: Dry Wet Asphalt Concrete Broken Rutted Curved



PICK-UP

Hammer Test

Date: 5/31/2 Time: 10:30

FILE NAMES

31EA30

31EA41

REDUNDANT SET-UP

Remarks: A30 23,591

A41 22,590

WEATHER: Sunny Overcast Rain Snow

Surveyed By: MS

TRAFFIC SMITHY
 Traffic Survey And Data Collection

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

536
312

ROADWAY TRAFFIC SURVEY

Roadway: E STREET
 Location: JUST WEST OF 22ND
 Direction: EAST BOUND
 Date: 5/29/2
 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	4	12	12	5	8	13	14	13	11	11	103
10-11	0	0	13	18	26	19	26	22	32	19	26	19	220
11-12	36	36	44	26	35	30	29	38	32	36	41	36	419
12-13	36	47	36	28	35	32	36	37	31	33	37	38	426
13-14	29	41	22	41	25	33	29	30	26	31	25	30	362
14-15	23	25	38	39	35	35	32	30	36	33	37	31	394
15-16	40	43	33	38	42	37	34	39	42	34	40	40	462
16-17	38	53	49	28	44	50	52	45	40	54	42	47	542
17-18	41	43	54	32	38	48	40	44	44	46	52	35	517
18-19	29	30	35	38	44	23	40	32	38	43	34	36	422
19-20	35	32	31	22	29	27	21	20	36	27	20	23	323
20-21	24	26	21	22	23	20	39	25	27	29	28	28	312
21-22	29	23	24	23	19	13	21	5	7	20	15	17	216
22-23	13	5	8	7	9	8	9	8	5	5	3	4	84
23-24	9	1	0	4	5	1	1	4	2	3	1	6	37

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

99-46-46(31EA30.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: E STREET
 Location: JUST WEST OF 22ND
 Direction: EAST BOUND
 Date: 5/30/2
 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	2	3	1	6	1	0	4	3	1	1	2	3	27
01-02	0	1	1	0	0	0	1	6	3	0	1	3	16
02-03	0	0	0	2	0	0	1	0	0	1	2	1	7
03-04	0	0	0	0	0	0	0	1	0	0	1	0	2
04-05	0	1	0	0	1	2	0	1	1	1	4	3	14
05-06	2	1	0	1	2	4	5	3	4	2	4	6	34
06-07	9	7	11	7	9	9	14	16	13	22	16	18	151
07-08	12	21	15	25	27	25	30	37	46	36	25	22	321
08-09	17	11	14	29	29	25	14	31	34	29	32	15	280
09-10	16	18	26	18	20	22	16	17	22	19	25	23	242
10-11	31	35	28	19	26	23	23	30	21	21	25	26	308
11-12	21	25	35	40	32	33	32	38	31	29	35	43	394
12-13	26	36	39	37	39	30	27	29	36	31	48	34	412
13-14	28	23	26	39	24	20	27	31	37	37	33	38	363
14-15	33	34	35	33	37	36	32	22	32	42	29	42	407
15-16	34	45	38	32	40	52	43	40	44	43	43	46	500
16-17	40	53	31	38	46	53	47	46	36	37	45	53	525
17-18	40	46	61	43	48	44	42	46	43	58	40	46	557
18-19	43	31	44	34	35	46	37	35	28	39	26	31	429
19-20	25	23	22	27	24	20	32	22	26	23	33	28	305
20-21	33	21	32	25	25	25	20	33	22	27	24	16	303
21-22	19	25	15	23	17	27	18	10	13	22	15	8	212
22-23	11	12	7	6	8	9	2	7	7	12	9	4	94
23-24	7	8	3	4	7	3	3	7	2	4	3	3	54

Daily Total: 5957
 AM Peak Hour (11:00-12:00) 394 6.61 % of Daily Total
 PM Peak Hour (16:50-17:50) 569 9.55 % of Daily Total
 4th Highest Hour (18:00-19:00)429 7.2 % of Daily Total
 8th Highest Hour (13:00-14:00)363 6.09 % of Daily Total

DELAY USED 60

99-46-46(31EA30.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: E STREET
 Location: JUST WEST OF 22ND
 Direction: EAST BOUND
 Date: 5/31/2
 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	3	2	3	6	4	1	2	1	3	2	1	1	29
01-02	0	2	2	1	0	1	2	0	1	2	0	1	12
02-03	0	0	1	0	0	1	0	1	0	1	0	0	4
03-04	2	0	1	0	1	1	3	0	1	0	0	0	9
04-05	0	0	0	2	0	0	1	1	0	3	3	5	15
05-06	3	2	1	2	2	3	2	7	2	5	10	6	45
06-07	3	4	7	14	11	12	12	18	20	18	15	11	145
07-08	18	19	15	26	27	13	23	46	42	29	23	18	299
08-09	13	11	23	23	22	24	16	35	26	19	24	13	249
09-10	23	36	22	29	23	28	18	17	25	32	35	28	316
10-11	14	30	0	0	0	0	0	0	0	0	0	0	44
11-12	0	0	0	0	0	0	0	0	0	0	0	0	0
12-13													
13-14													
14-15													
15-16													
15-17													
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

99-46-46 (31EA30.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: E STREET
 Location: JUST WEST OF 22ND
 Direction: WEST BOUND
 Date: 5/29/2
 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	4	12	12	5	8	13	14	13	11	11	103
10-11	0	0	0	24	21	24	21	19	18	25	35	19	206
11-12	40	36	28	25	30	33	28	35	28	28	31	22	364
12-13	40	27	30	33	37	27	34	35	34	38	47	26	408
13-14	34	30	32	32	37	27	35	25	23	37	30	22	364
14-15	28	36	31	29	40	20	49	54	41	45	41	37	451
15-16	28	31	32	42	38	27	46	31	40	40	37	44	436
16-17	34	34	28	42	38	29	50	33	35	23	40	50	436
17-18	49	43	23	40	36	23	33	28	26	35	25	38	399
18-19	32	28	39	29	38	19	28	28	29	32	34	28	364
19-20	30	21	28	29	21	18	23	17	29	15	24	18	273
20-21	22	24	23	24	14	15	15	19	17	14	16	19	222
21-22	13	29	22	13	22	10	25	12	17	6	8	11	188
22-23	9	7	7	8	10	3	5	5	5	7	4	2	72
23-24	7	5	8	6	3	2	0	1	1	2	3	4	42

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

99-47-47(31EA41.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: E STREET
 Location: JUST WEST OF 22ND
 Direction: WEST BOUND
 Date: 5/30/2
 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	0	2	1	3	4	1	2	2	1	20
01-02	2	0	1	3	1	1	2	0	1	1	1	1	14
02-03	1	1	2	2	0	0	0	0	1	0	1	1	9
03-04	4	0	1	0	0	1	2	2	2	0	1	0	13
04-05	0	0	3	1	0	0	2	3	0	0	4	2	15
05-06	5	4	5	3	9	4	6	9	6	4	9	7	71
06-07	10	16	5	6	10	12	12	21	29	24	17	20	182
07-08	23	19	22	15	24	24	27	41	29	35	28	38	325
08-09	33	21	24	30	27	13	29	22	27	31	26	18	301
09-10	28	20	19	30	19	30	29	24	27	29	28	21	304
10-11	32	18	26	30	34	28	24	14	25	22	26	32	311
11-12	31	45	27	24	22	24	32	24	23	23	28	24	327
12-13	36	30	28	29	23	51	27	27	16	30	37	27	361
13-14	45	43	28	35	29	29	27	33	30	25	32	29	385
14-15	24	28	30	23	22	26	33	55	47	42	43	34	407
15-16	27	24	44	41	39	41	37	36	37	40	35	38	439
16-17	33	53	38	37	35	39	51	47	34	42	39	47	495
17-18	42	49	29	54	31	15	42	36	44	42	26	27	437
18-19	23	27	40	34	28	29	31	27	35	31	35	32	372
19-20	33	34	32	34	24	38	21	20	26	24	17	13	316
20-21	21	29	33	23	11	27	13	11	21	18	18	16	241
21-22	15	22	17	15	17	17	6	11	13	13	15	6	167
22-23	17	17	11	6	1	4	6	6	8	8	7	7	98
23-24	6	9	4	4	3	3	6	7	1	3	0	5	51

Daily Total: 5661
 AM Peak Hour (07:25-08:25) 357 6.31 % of Daily Total
 PM Peak Hour (16:20-17:20) 508 8.97 % of Daily Total
 4th Highest Hour (14:00-15:00) 407 7.19 % of Daily Total
 8th Highest Hour (11:00-12:00) 327 5.78 % of Daily Total

DELAY USED 60

99-47-47(31EA41.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: E STREET
 Location: JUST WEST OF 22ND
 Direction: WEST BOUND
 Date: 5/31/2
 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	2	5	1	0	2	4	1	1	3	2	0	1	22
01-02	0	1	4	1	1	0	2	0	0	1	2	0	12
02-03	0	2	3	0	2	0	1	1	1	1	1	0	12
03-04	0	5	1	1	1	0	2	1	0	0	2	1	14
04-05	1	2	0	0	1	2	1	1	2	3	4	2	19
05-06	3	4	2	4	3	9	9	5	8	9	14	9	79
06-07	9	13	12	10	15	13	18	24	13	27	28	18	200
07-08	19	25	12	10	19	26	28	42	29	36	34	30	310
08-09	29	28	24	33	19	25	25	32	46	40	39	40	380
09-10	33	28	21	15	26	30	36	34	16	27	34	28	328
10-11	29	23	26	0	0	0	0	0	0	0	0	0	78
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

99-47-47(31EA41.CAP)

