

# ROADWAY SURVEY FIELD SHEET

TS Project #

02-308

Map

Grid

Start Time

13:30

# Of Days

3

Location: WASHOUGAL, WA

45th ST JUST NORTH OF SR 14

Location ID: #14

Type Of Survey

- Volume
- Speed
- Classification

Start Date: 5/29/2

End Date: 5/31/2

S M T W T F S

S M T W T F S

Counters

2

Tubes

2

### SITE EVALUATION

### POSTED SPEED

### DWELL TIME

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

- |                                 |                                 |
|---------------------------------|---------------------------------|
| <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 type="checkbox"/> 35 Mph | <input type="checkbox"/> 55 Mph |

LOWEST SPEED	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	60	60	(M)

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

Other: \_\_\_\_\_

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

DWELL (TAD,TBD)

80

- (A)
- (B)
- (M)
- (D)

### AXLE STRIKE COUNT

G M D A B

### SYSTEM DELAY LOGIC

D

### SPEED CLASS Low Vol

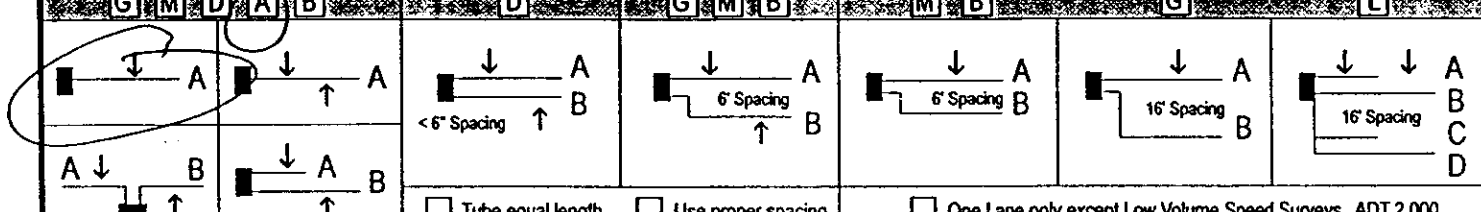
G M B

### 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: AWAY

No.: A29, A31

Box: \_\_\_\_\_

Tube Length: 40'

Hammer Test

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

### PICK-UP

Hammer Test

Date: 5/31/2 Time: 11:05

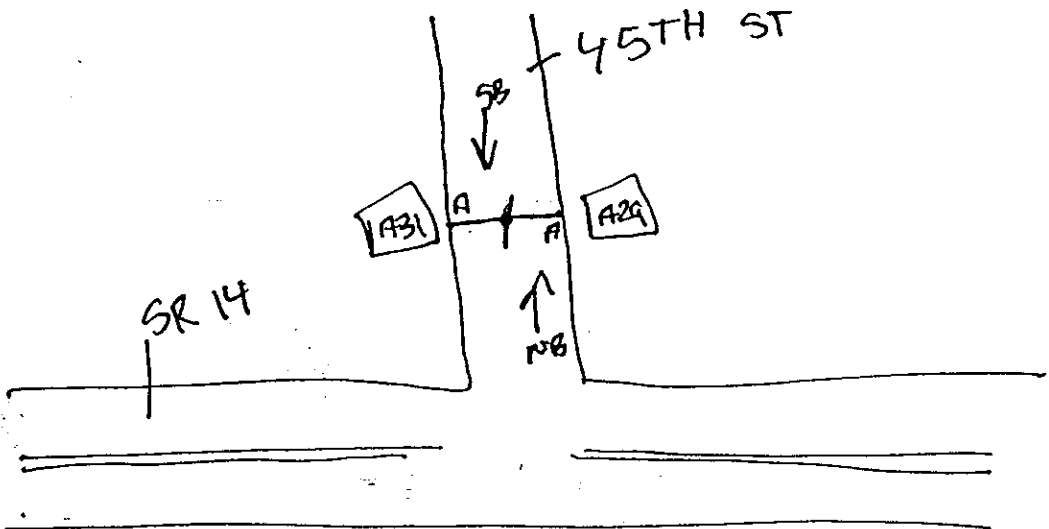
### FILE NAMES

256  
512

3145A29

3145A31

- 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



REDUNDANT SET-UP

### Remarks:

A29 2,705

A31 3,197

- WEATHER:  Sunny  Overcast  Rain  Snow

Surveyed By: Me

**TRAFFIC SMITHY**  
Traffic Survey And Data Collection

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

ROADWAY TRAFFIC SURVEY

Roadway: 45TH STREET  
 Location: NORTH OF SR 14  
 Direction: NORTH 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	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	6	8	2	2	4	6	28
14-15	2	5	4	2	4	6	4	5	1	3	5	5	46
15-16	3	4	1	5	2	6	2	8	5	6	2	6	50
16-17	4	7	4	4	6	3	3	9	4	6	6	4	60
17-18	3	3	6	2	4	6	5	6	6	3	6	10	60
18-19	6	4	8	7	5	4	3	5	6	10	4	6	68
19-20	3	7	3	2	2	3	4	5	6	4	5	1	45
20-21	4	0	3	6	5	3	3	4	3	5	1	5	42
21-22	1	3	1	5	4	2	3	2	5	3	6	2	37
22-23	2	2	4	2	1	1	4	3	3	1	1	0	24
23-24	3	1	0	2	1	2	1	3	0	1	3	2	19

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 80

99-50-50( 3145A29.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: 45TH STREET  
 Location: NORTH OF SR 14  
 Direction: NORTH 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	1	1	0	2	1	0	1	1	0	1	0	2	10
01-02	1	0	0	1	1	0	1	0	2	2	1	1	10
02-03	0	0	1	0	1	0	0	0	0	0	1	0	3
03-04	0	0	2	0	0	1	1	0	1	0	1	0	6
04-05	0	1	0	0	0	2	1	1	1	0	0	0	6
05-06	0	0	1	0	0	0	0	1	2	0	0	0	4
06-07	0	1	3	0	0	2	1	1	3	0	3	4	18
07-08	1	1	2	0	3	2	2	2	1	1	1	3	19
08-09	3	1	4	7	2	1	1	0	3	3	2	0	27
09-10	1	0	5	1	2	1	1	0	1	0	2	2	16
10-11	4	4	3	3	1	1	1	5	3	4	0	0	29
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 80

99-50-50( 3145A29.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: 45TH STREET  
 Location: NORTH OF SR 14  
 Direction: SOUTH 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	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	2	4	5	3	5	5	1	25
14-15	8	1	3	6	2	3	2	7	5	5	6	3	51
15-16	4	6	2	2	3	3	2	3	11	1	4	6	47
16-17	3	4	6	3	9	5	2	6	2	3	4	7	54
17-18	1	4	5	2	4	4	3	4	2	4	5	1	39
18-19	4	1	6	7	11	4	6	4	4	4	7	1	59
19-20	2	3	1	2	4	5	3	3	3	4	2	4	36
20-21	3	3	1	3	1	5	3	3	2	3	3	0	30
21-22	6	3	0	0	1	2	0	1	2	3	3	2	23
22-23	0	1	2	3	0	3	1	1	0	1	0	2	14
23-24	0	1	0	0	1	0	1	0	1	0	0	0	4

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 80

99-49-50 ( 3145A31.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: 45TH STREET  
 Location: NORTH OF SR 14  
 Direction: SOUTH 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	3	0	0	0	1	0	1	0	1	0	0	0	6
01-02	0	0	1	1	0	1	0	0	0	0	0	0	3
02-03	0	1	0	0	0	1	3	1	0	1	1	1	9
03-04	0	0	0	0	0	0	1	1	0	1	1	0	4
04-05	1	1	0	2	1	2	1	3	1	2	1	5	20
05-06	2	1	2	0	3	3	2	6	1	3	2	5	30
06-07	3	6	2	8	8	2	8	2	5	5	9	9	67
07-08	4	8	10	5	5	7	7	10	6	4	1	1	68
08-09	5	7	5	6	4	8	3	3	3	5	9	5	63
09-10	1	3	6	3	7	3	3	5	3	4	3	3	44
10-11	5	3	7	1	3	5	1	5	2	1	2	2	37
11-12	3	6	1	10	9	4	0	7	0	7	6	4	57
12-13	1	4	2	6	0	3	5	5	3	3	3	3	38
13-14	2	5	3	2	4	2	4	4	5	2	3	2	38
14-15	3	2	5	6	2	6	9	4	4	5	7	6	59
15-16	7	2	3	4	6	4	6	5	1	2	8	1	49
16-17	2	4	4	2	4	6	5	6	6	6	3	6	54
17-18	5	6	4	2	4	3	8	4	5	9	3	9	62
18-19	2	3	9	3	3	2	7	8	3	4	1	4	49
19-20	2	2	4	3	7	8	9	2	2	4	4	1	48
20-21	4	2	2	5	2	5	2	3	1	1	4	0	31
21-22	1	5	3	4	1	2	4	3	0	1	2	0	26
22-23	2	2	2	1	0	0	3	2	1	1	0	5	19
23-24	1	1	0	2	0	0	1	1	0	1	0	0	7

Daily Total: 888

AM Peak Hour (06:45-07:45) 85 9.57 % of Daily Total

PM Peak Hour (17:40-18:40) 63 7.09 % of Daily Total

4th Highest Hour (17:00-18:00 )62 6.98 % of Daily Total

8th Highest Hour (15:00-16:00 )49 5.52 % of Daily Total

DELAY USED 80

99-49-50 ( 3145A31.CAP)

ROADWAY TRAFFIC SURVEY

Roadway: 45TH STREET  
 Location: NORTH OF SR 14.  
 Direction: SOUTH 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	1	0	2	0	0	0	0	0	0	2	0	0	5
01-02	1	0	0	0	1	0	0	0	0	1	2	0	5
02-03	2	2	0	0	0	0	0	0	1	0	1	0	6
03-04	0	2	0	1	1	2	0	0	0	2	0	0	8
04-05	0	0	0	2	1	2	4	2	1	0	5	2	19
05-06	2	2	0	1	4	3	4	2	3	3	4	6	34
06-07	1	4	10	7	9	2	3	7	7	8	3	5	66
07-08	7	3	7	6	7	5	3	3	4	7	7	3	62
08-09	6	8	14	11	1	0	7	2	8	6	2	5	70
09-10	0	2	3	2	0	5	0	4	3	3	4	0	26
10-11	4	5	1	2	4	4	1	5	4	2	0	0	32
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													
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DELAY USED 80

99-49-50 ( 3145A31.CAP)

