

City of Sherwood, Oregon

Resolution No. 98-752

A RESOLUTION APPROVING THE 1998 SPECIAL CITY ALLOTMENT AGREEMENT, AND ESTABLISHING AN EFFECTIVE DATE.

WHEREAS, by the authority of ORS 366.800 and 366.805, the City of Sherwood is eligible to receive funds from the State of Oregon Highway Fund; and

WHEREAS, the City of Sherwood applied and received approval for funding of the improvement known as Washington and Division Streets, from Railroad Street to Park Row, to pay for curbs, overlay, sidewalks, and drainage on the existing roadway; and

WHEREAS, the 1998 Special City Allotment Fund will pay for eligible project costs up to an amount not to exceed \$25,000.

NOW, THEREFORE, THE CITY RESOLVES AS FOLLOWS:

Section 1. Approval and Adoption: That the City of Sherwood approve and adopt the 1998 Special City Allotment Agreement in its entirety, attached hereto as Exhibit A, and enter into an agreement with ODOT.

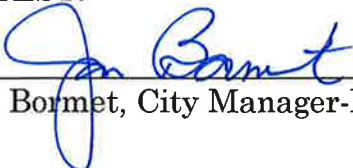
Section 2. Effective Date: This Resolution shall be effective upon its approval and adoption.

Duly passed by the City Council this 28th day of July 1998.



Bill Boyle, Mayor

ATTEST:



Jon Bormet, City Manager-Recorder

SPECIAL CITY ALLOTMENT (SCA) APPLICATION

City of Sherwood

Date: **June 12, 1998**

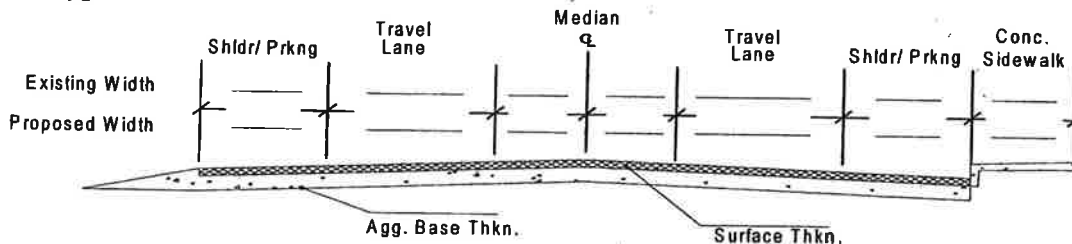
STREET NAME: Washington & Division Streets
(Attach map showing project limits)

FROM: Railroad TO: Park Row

PROJECT DETAILS:

Project	Est. Project	Avg Daily	Avg Daily
Length: 1129 Ft.	Cost \$: 200,000.00	Traffic: See attached	Truck Traffic:

Proposed Typical X-Section



<p>PAVEMENT: Surface Type: Existing: Asphalt Concrete Proposed: Asphalt Concrete Proposed Thkn: 4 inches</p>	<p>SIDEWALKS: Existing (Y/N): N Proposed (Y/N) Lf Side: Y Rt Side: Y Proposed Length: 2400 Ft. Proposed Width: 5 Ft.</p>
<p>STORM SEWER: Existing (Y/N): N Proposed (Y/N): Y Pipe Dia: 12 to 24 inches Length: 1500 Ft. Adjustment Inlets #: 9 to 10 each Manholes #: 5 each Pipes #: 5</p>	<p>CURBS: Existing (Y/N): N (partial) Proposed (Y/N) Lf Side: Y Rt Side: Y Length: 2400 Ft. Type: Curb & Gutter</p>
<p>RIGHT-OF-WAY: Existing Width: 60 Ft. Existing Right-of-Way Adequate (Y/N): Y Proposed Width:</p>	<p>BRIDGE: Name: Br #: Length: Width: Type of Structure: Sufficiency Rating No.: Name of Stream:</p>

REMARKS: Washington & Division Streets are major streets in the City of Sherwood. They are major connectors to other major streets in the area. They also are main connecting streets to the downtown area. Washington and Division Streets are also used as access to the school by the children from the homes on these streets and other neighboring streets. The school district requires students to walk if they are within a mile of school. These streets are within one mile boundary of the schools. The streets pavements have deteriorated and they are in need of immediate reconditioning. Based on City pavement rating, these two streets have a very low rating.

BY: *[Signature]* acting Mayor Date: 6-30-98
(Mayor)
 BY: *[Signature]* Date: 6-26-98
(City Administrator)

Attach addition sheets for each street

"Exhibit A"



ENGINEERING DEPARTMENT

Asphalt Pavement Rating Form

Date: 4/21/97

Street or Route S.W. WASHINGTON ST.

Length of Project 675 Width 22

Pavement Type ASPHALT

(Note: A rating of "0" indicates defect does not occur)

DEFECTS	RATING	
Transverse Cracks	0-5	2
Longitudinal Cracks	0-5	2
Alligator Cracks	0-10	4
Shrinkage Cracks	0-5	1
Rutting	0-10	3
Corrugations	0-5	3
Raveling	0-5	3
Shoving or Pushing	0-10	4
Pot Holes	0-10	4
Excess Asphalt	0-10	1
Polished Aggregate	0-5	3
Deficient Drainage	0-10	7
Overall Riding Quality (0 is excellent; 10 is poor)	0-10	7
Sum of Defects		44

Condition Rating = 100 - Sum of Defects
= 100 - 44

Condition Rating = 56

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ENGINEERING DEPARTMENT

Asphalt Pavement Rating Form

Date: 4/21/97

Street or Route DIVISION (PARK ROW TO WASHINGTON)

Length of Project 554 Width 21

Pavement Type ASPHALT

(Note: A rating of "0" indicates defect does not occur)

DEFECTS		RATING
Transverse Cracks	0-5	5
Longitudinal Cracks	0-5	5
Alligator Cracks	0-10	8
Shrinkage Cracks	0-5	3
Rutting	0-10	9
Corrugations	0-5	5
Raveling	0-5	4
Shoving or Pushing	0-10	7
Pot Holes	0-10	9
Excess Asphalt	0-10	7
Polished Aggregate	0-5	5
Deficient Drainage	0-10	9
Overall Riding Quality (0 is excellent; 10 is poor)	0-10	8
Sum of Defects		84

Condition Rating = 100 - Sum of Defects
= 100 - 84

Condition Rating = 14



ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF COLUMBIA STREET
 Direction: SOUTH BOUND Weather Condition: Unknown
 Posted Speed: UNKNOWN

Date: 10/ 8/97
 Day of Week: WEDNESDAY

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted	
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60			
00:00-01:00																	
01:00-02:00																	
02:00-03:00																	
03:00-04:00																	
04:00-05:00																	
05:00-06:00																	
06:00-07:00																	
07:00-08:00																	
08:00-09:00																	
09:00-10:00																	
10:00-11:00																	
11:00-12:00																	
12:00-13:00																	
13:00-14:00	5	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	--
14:00-15:00	60	4	8	23	19	11	3	0	0	0	0	0	0	0	0	1	27
15:00-16:00	98	4	11	34	36	11	2	0	0	1	0	0	0	0	0	0	28
16:00-17:00	100	2	10	30	36	18	2	0	0	1	0	0	0	0	0	0	30
17:00-18:00	115	5	10	31	53	14	1	1	0	0	0	0	0	0	0	0	28
18:00-19:00	103	1	6	33	50	9	3	0	0	0	0	0	0	0	0	0	28
19:00-20:00	73	1	5	25	32	9	1	0	0	0	0	0	0	0	0	1	28
20:00-21:00	65	2	7	19	28	9	0	0	0	0	0	0	0	0	0	0	28
21:00-22:00	42	1	2	14	16	6	3	0	0	0	0	0	0	0	0	0	28
22:00-23:00	15	0	0	6	6	2	1	0	0	0	0	0	0	0	0	0	30
23:00-24:00	14	0	2	3	7	2	0	0	0	0	0	0	0	0	0	0	--
TOTAL		20	61	222	283	81	15	2	0	2	0	0	1	2			--
% by Group		3	9	32	41	12	2	0	0	0	0	0	0	0			--
% Equal or Less.		3	12	44	85	97	99	99	99	100	100	100	100	100			--

Daily Traffic 690
 AM Peak Hour ()
 PM Peak Hour ()
 4th Highest Hour ()
 8th Highest Hour ()

Observations Over Posted Speed %
 Observations +10mph Over %

Pace (- MPH) %

P50- P70- P85- 28 P90-

% of Daily Total
 % of Daily Total
 % of Daily Total
 % of Daily Total
 P85=85th Percentile 99

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF COLUMBIA STREET
 Direction: SOUTH BOUND Weather Condition: Unknown
 Posted Speed: UNKNOWN

Date: 10/ 9/97
 Day of Week: THURSDAY

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted		
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60				
00:00-01:00	14	0	0	4	6	4	0	0	0	0	0	0	0	0	0	0	--	--
01:00-02:00	4	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	--	--
02:00-03:00	2	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	--	--
03:00-04:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	--	--
04:00-05:00	4	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	--	--
05:00-06:00	16	0	2	2	6	5	0	0	0	0	0	0	0	0	0	0	--	--
06:00-07:00	13	0	1	2	7	3	0	0	0	0	0	0	0	0	0	0	--	--
07:00-08:00	69	4	2	25	22	13	1	1	0	0	0	0	0	0	0	0	--	--
08:00-09:00	51	3	4	19	21	2	1	1	0	0	0	0	0	0	0	0	29	--
09:00-10:00	45	7	10	13	15	2	0	0	0	1	0	0	0	0	0	0	27	--
10:00-11:00	34	1	4	16	11	2	0	0	0	0	0	0	0	0	0	0	26	--
11:00-12:00	50	6	7	21	13	3	0	0	0	0	0	0	0	0	0	0	27	--
12:00-13:00	115	3	5	41	45	16	5	0	0	0	0	0	0	0	0	0	27	--
13:00-14:00	78	7	7	36	20	6	0	2	0	0	0	0	0	0	0	0	29	--
14:00-15:00	84	2	5	32	34	9	0	0	0	0	0	0	0	0	0	0	27	--
15:00-16:00	100	4	6	47	31	9	1	1	0	0	1	0	0	1	0	0	28	--
16:00-17:00	104	6	9	24	47	15	3	3	0	0	0	0	0	0	1	0	28	--
17:00-18:00	135	5	8	46	63	10	3	3	0	0	0	0	0	0	0	0	29	--
18:00-19:00	108	3	6	30	49	15	3	3	0	0	0	0	0	0	0	0	28	--
19:00-20:00	71	3	3	16	39	9	1	1	0	0	0	0	0	0	0	1	29	--
20:00-21:00	57	3	2	26	21	2	2	2	0	0	0	0	0	0	0	0	28	--
21:00-22:00	44	2	6	9	17	7	2	2	0	0	0	0	0	1	0	0	27	--
22:00-23:00	35	0	2	9	17	7	2	0	0	0	0	0	0	0	0	0	29	--
23:00-24:00	18	0	1	3	10	2	2	0	0	0	0	0	0	0	0	0	29	--
TOTAL		59	91	426	498	140	24	4	0	1	1	0	2	2			--	--
% by Group		5	7	34	40	11	2	0	0	0	0	0	0	0				
% Equal or Less		5	12	46	86	97	99	100	100	100	100	100	100	100				

Daily Traffic 1252
 AM Peak Hour (7:00- 8:00) 69 5.51% of Daily Total
 PM Peak Hour (17:00-18:00) 135 10.78% of Daily Total
 4th Highest Hour (16:00-17:00) 104 8.31% of Daily Total
 8th Highest Hour (19:00-20:00) 71 5.67% of Daily Total

P85=85th Percentile

99

Observations Over Posted Speed %
 Observations +10mph Over %

Pace (- MPH) %

P50- P70- P85- 28 P90-

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF COLUMBIA STREET
 Direction: SOUTH BOUND
 Posted Speed: UNKNOWN

Date: 10/10/97
 Day of Week: FRIDAY

Traffic Smithy
Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted		
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60				
00:00-01:00	11	1	0	5	3	2	0	0	0	0	0	0	0	0	0	0	0	0
01:00-02:00	4	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0
02:00-03:00	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00-04:00	3	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0
04:00-05:00	3	0	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0
05:00-06:00	14	1	2	3	7	1	0	0	0	0	0	0	0	0	0	0	0	0
06:00-07:00	11	0	1	4	3	3	0	0	0	0	0	0	0	0	0	0	0	0
07:00-08:00	30	0	3	12	8	6	1	0	0	0	0	0	0	0	0	0	0	0
08:00-09:00	44	4	5	14	14	4	2	0	0	0	0	0	0	0	0	0	0	30
09:00-10:00	48	5	11	16	8	4	2	1	0	0	0	0	0	0	0	0	0	28
10:00-11:00	51	3	6	24	15	2	1	0	0	0	0	0	0	0	0	0	0	28
11:00-12:00	75	9	4	26	26	9	1	0	0	0	0	0	0	0	0	0	0	27
12:00-13:00	61	5	10	16	29	1	0	0	0	0	0	0	0	0	0	0	0	28
13:00-14:00	72	3	14	23	21	7	3	0	0	0	0	0	0	0	0	0	0	27
14:00-15:00	87	4	10	26	30	11	4	0	0	0	0	0	0	0	0	0	1	28
15:00-16:00	86	10	13	33	18	12	0	0	0	0	0	0	0	0	0	0	0	29
16:00-17:00	120	5	11	38	45	17	3	0	0	0	0	0	0	0	0	0	0	28
17:00-18:00	131	6	11	45	57	10	1	0	0	0	0	0	0	0	0	0	1	29
18:00-19:00	112	3	4	25	60	16	1	0	1	1	0	0	0	0	0	0	0	27
19:00-20:00	71	1	8	22	30	8	2	0	0	0	0	1	0	0	0	0	0	29
20:00-21:00	41	0	6	13	16	6	0	0	0	0	0	0	0	0	0	0	0	28
21:00-22:00	47	0	3	18	21	3	1	0	0	0	0	0	0	0	0	0	0	28
22:00-23:00	36	1	2	13	11	7	1	1	0	0	0	0	0	0	0	0	0	27
23:00-24:00	27	1	2	9	13	2	0	0	0	0	0	0	0	0	0	0	0	30
TOTAL		62	128	387	441	133	23	2	1	2	0	1	0	2				27
% by Group		5	11	33	37	11	2	0	0	0	0	0	0	0				
% Equal or Less		5	16	49	86	97	99	99	100	100	100	100	100	100				

Daily Traffic 1187
 AM Peak Hour (11:00-12:00) 75 6.32% of Daily Total
 PM Peak Hour (17:00-18:00) 131 11.04% of Daily Total
 4th Highest Hour (14:00-15:00) 87 7.33% of Daily Total
 8th Highest Hour (19:00-20:00) 71 5.98% of Daily Total

Observations Over Posted Speed %
 Observations +10mph Over %

Pace (- MPH) %

P50- P70- P85- 28 P90-

P85=85th Percentile

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF COLUMBIA STREET
 Direction: SOUTH BOUND Weather Condition: Unknown
 Posted Speed: UNKNOW

Date: 10/11/97
 Day of Week: SATURDAY

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted	
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60			
00:00-01:00	14	0	1	1	7	3	1	0	1	0	0	0	0	0	0	---	---
01:00-02:00	7	0	3	3	1	0	0	0	0	0	0	0	0	0	0	---	---
02:00-03:00	7	1	1	3	2	0	0	0	0	0	0	0	0	0	0	---	---
03:00-04:00	3	0	0	0	2	1	0	0	0	0	0	0	0	0	0	---	---
04:00-05:00	8	0	0	1	4	2	1	0	0	0	0	0	0	0	0	---	---
05:00-06:00	18	1	6	7	3	1	0	0	0	0	0	0	0	0	0	---	---
06:00-07:00	4	0	0	1	1	2	0	0	0	0	0	0	0	0	0	---	---
07:00-08:00	14	0	4	2	7	1	0	0	0	0	0	0	0	0	0	---	---
08:00-09:00	28	0	3	9	11	4	0	0	0	0	0	0	0	0	0	---	---
09:00-10:00	40	2	3	16	17	4	0	0	1	0	0	0	0	0	0	---	29
10:00-11:00	66	1	5	25	24	8	1	1	0	0	0	0	0	0	0	---	27
11:00-12:00	101	1	13	45	34	6	1	2	0	0	0	0	0	0	0	---	29
12:00-13:00	93	2	17	26	35	8	4	0	0	0	1	1	0	0	0	---	27
13:00-14:00	79	3	9	28	28	8	3	0	0	0	0	0	0	0	0	---	28
14:00-15:00	95	0	9	29	43	13	1	0	0	0	0	0	0	0	0	---	28
15:00-16:00	93	1	12	39	34	5	1	1	0	0	0	0	0	0	0	---	28
16:00-17:00	88	2	5	26	42	10	2	0	0	0	0	0	0	0	0	---	27
17:00-18:00	99	8	7	34	42	3	4	0	0	0	0	0	0	0	0	---	28
18:00-19:00	66	2	10	24	24	5	1	0	0	1	0	0	0	0	0	---	27
19:00-20:00	66	4	3	22	23	11	3	0	0	0	0	0	0	0	0	---	27
20:00-21:00	62	2	8	21	28	3	0	0	0	0	0	0	0	0	0	---	29
21:00-22:00	37	2	6	11	14	3	1	0	0	0	0	0	0	0	0	---	27
22:00-23:00	28	1	3	10	10	4	0	0	0	0	0	0	0	0	0	---	28
23:00-24:00	15	0	2	5	7	0	1	0	0	0	0	0	0	0	0	---	28
TOTAL		33	130	388	443	101	26	3	2	1	1	1	0	0	0	---	---
% by Group		3	12	34	39	9	2	0	0	0	0	0	0	0	0		
% Equal or Less		3	14	49	88	97	99	100	100	100	100	100	100	100	100		

Daily Traffic 1131

AM Peak Hour (11:00-12:00) 101 8.93% of Daily Total
 PM Peak Hour (17:00-18:00) 99 8.75% of Daily Total
 4th Highest Hour (12:00-13:00) 93 8.22% of Daily Total
 8th Highest Hour (10:00-11:00) 66 5.84% of Daily Total

P85=85th Percentile

99

Observations Over Posted Speed %
 Observations +10mph Over %

Pace (- MPH) %

P50- P70- P85- 28 P90-

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF COLUMBIA STREET
 Direction: SOUTH BOUND
 Posted Speed: UNKNOW

Date: 10/12/97
 Day of Week: SUNDAY

Traffic Smithy
Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted	
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60			
00:00-01:00	10	1	0	5	4	0	0	0	0	0	0	0	0	0	0	0	0
01:00-02:00	8	1	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0
02:00-03:00	8	1	1	1	1	2	2	0	0	0	0	0	0	0	0	0	0
03:00-04:00	4	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0
04:00-05:00	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
05:00-06:00	3	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0
06:00-07:00	5	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0
07:00-08:00	8	0	2	1	5	0	0	0	0	0	0	0	0	0	0	0	0
08:00-09:00	27	0	2	9	12	4	0	0	0	0	0	0	0	0	0	0	0
09:00-10:00	40	2	5	15	14	4	0	0	0	0	0	0	0	0	0	0	28
10:00-11:00	36	0	2	17	14	2	1	0	0	0	0	0	0	0	0	0	27
11:00-12:00	52	1	5	25	12	7	0	0	0	0	0	1	0	0	0	0	27
12:00-13:00	64	3	8	25	24	1	3	0	0	0	0	0	0	0	0	0	28
13:00-14:00	55	2	9	27	14	3	0	0	0	0	0	0	0	0	0	0	27
14:00-15:00	64	2	10	24	23	5	0	0	0	0	0	0	0	0	0	0	26
15:00-16:00	57	3	7	17	21	4	3	0	0	0	0	0	0	0	0	0	27
16:00-17:00	66	6	9	19	22	5	5	0	0	0	0	0	0	0	0	0	28
17:00-18:00	71	3	12	32	17	5	1	0	0	0	0	0	0	0	0	0	28
18:00-19:00	91	1	8	26	46	8	1	0	0	0	0	0	0	0	0	0	27
19:00-20:00	77	2	5	22	37	11	0	0	0	0	0	0	0	0	0	0	28
20:00-21:00	51	1	6	15	24	4	1	0	0	0	0	0	0	0	0	0	28
21:00-22:00	34	2	2	13	10	4	3	0	0	0	0	0	0	0	0	0	28
22:00-23:00	13	0	2	7	3	1	0	0	0	0	0	0	0	0	0	0	30
23:00-24:00	9	0	0	5	1	3	0	0	0	0	0	0	0	0	0	0	0
TOTAL		32	95	313	312	76	21	0	0	0	0	1	0	0	0	0	0
% by Group		4	11	37	37	9	2	0	0	0	0	0	0	0	0	0	0
% Equal or Less		4	15	52	88	97	100	100	100	100	100	100	100	100	100	100	100

Daily Traffic 855
 AM Peak Hour (11:00-12:00) 52
 PM Peak Hour (18:00-19:00) 91
 4th Highest Hour (16:00-17:00) 66
 8th Highest Hour (13:00-14:00) 55

6.08% of Daily Total
 10.64% of Daily Total
 7.72% of Daily Total
 6.43% of Daily Total

P85=85th Percentile

Observations Over Posted Speed %
 Observations +10mph Over %

Pace (- MPH) %

P50- P70- P85- 28 P90-

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF COLUMBIA STREET
 Direction: SOUTH BOUND
 Posted Speed: UNKNOWN
 Weather Condition: Unknown

Date: 10/13/97
 Day of Week: MONDAY

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted		
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60				
00:00-01:00	5	1	0	2	2	0	0	0	0	0	0	0	0	0	0	0	---	---
01:00-02:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	---	---
02:00-03:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	---	---
03:00-04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	---	---
04:00-05:00	4	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	---	---
05:00-06:00	15	0	1	5	6	0	0	0	0	0	0	0	0	0	0	0	---	---
06:00-07:00	14	1	2	3	7	1	0	1	0	0	0	0	0	0	0	0	---	---
07:00-08:00	60	1	11	25	18	5	0	1	0	0	0	0	0	0	0	0	---	---
08:00-09:00	57	4	8	24	14	7	0	0	0	0	0	0	0	0	0	0	27	---
09:00-10:00	47	3	6	22	15	1	0	0	0	0	0	0	0	0	0	0	28	---
10:00-11:00	41	2	6	12	14	1	0	0	0	0	0	0	0	0	0	0	26	---
11:00-12:00	70	6	14	22	20	5	1	0	0	0	0	0	0	0	0	0	28	---
12:00-13:00	68	8	6	21	25	5	2	0	0	0	0	0	0	0	0	1	27	---
13:00-14:00	61	11	4	12	25	7	1	0	0	0	0	0	0	0	0	0	28	---
14:00-15:00	68	5	5	18	25	14	0	1	0	0	0	0	0	0	0	0	28	---
15:00-16:00	104	2	5	40	39	15	1	1	0	0	0	0	0	0	0	0	29	---
16:00-17:00	120	6	10	37	48	15	1	0	1	0	0	1	0	0	0	0	29	---
17:00-18:00	150	7	12	69	46	13	0	1	0	0	0	0	0	0	0	0	28	---
18:00-19:00	134	6	16	46	49	12	3	0	0	0	0	0	0	0	0	0	27	---
19:00-20:00	81	4	6	31	26	12	2	0	0	0	1	0	0	1	0	0	28	---
20:00-21:00	53	0	4	23	18	6	1	0	0	0	0	0	0	0	0	0	29	---
21:00-22:00	46	0	8	10	21	3	3	0	0	0	0	0	0	0	0	0	28	---
22:00-23:00	18	0	3	6	7	2	0	0	0	0	0	0	0	0	0	1	28	---
23:00-24:00	12	1	2	4	3	1	0	0	0	0	0	0	0	0	0	0	---	---
TOTAL		68	132	433	430	129	16	5	2	0	1	1	2	2	2	2	---	---
% by Group		6	11	35	35	11	1	0	0	0	0	0	0	0	0	0		
% Equal or Less		6	16	52	87	98	99	99	100	100	100	100	100	100	100	100		

Daily Traffic 1230
 AM Peak Hour (11:00-12:00) 70
 PM Peak Hour (17:00-18:00) 150
 4th Highest Hour (15:00-16:00) 104
 8th Highest Hour (14:00-15:00) 68

5.69% of Daily Total
 12.2% of Daily Total
 8.46% of Daily Total
 5.53% of Daily Total

Observations Over Posted Speed %
 Observations +10mph Over %
 Pace (- MPH) %

P50- P70- P85- 28 P90-

P85=85th Percentile

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF COLUMBIA STREET
 Direction: SOUTH BOUND
 Posted Speed: UNKNOW

Date: 10/14/97
 Day of Week: TUESDAY

Weather Condition: Unknown

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted		
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60				
00:00-01:00	6	1	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00-02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00-03:00	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00-04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00-05:00	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00-06:00	19	0	0	10	7	1	1	0	0	0	0	0	0	0	0	0	0	0
06:00-07:00	15	0	0	8	4	1	1	0	0	0	0	0	0	0	0	0	0	0
07:00-08:00	66	1	9	25	22	5	1	0	0	1	0	0	0	0	0	0	1	1
08:00-09:00	62	5	7	27	11	9	2	0	0	0	0	0	0	0	0	0	1	1
09:00-10:00	34	4	5	13	6	6	0	0	0	0	0	0	0	0	0	0	1	1
10:00-11:00	46	6	3	16	14	4	1	0	0	1	0	0	0	0	0	0	0	0
11:00-12:00	64	7	10	21	19	6	1	0	0	0	0	0	0	0	0	0	0	0
12:00-13:00	63	4	12	7	31	8	0	0	0	0	0	0	0	0	0	0	0	0
13:00-14:00	75	9	10	18	30	5	1	0	0	0	0	0	0	0	0	0	0	0
14:00-15:00	72	4	5	18	35	9	1	0	0	0	0	0	0	0	0	0	1	1
15:00-16:00	114	3	9	34	50	16	2	0	0	0	0	0	0	0	0	0	0	0
16:00-17:00	102	4	11	28	41	16	0	0	0	1	0	0	0	0	0	0	1	1
17:00-18:00	141	3	7	46	63	17	1	0	0	1	1	0	0	0	0	0	0	0
18:00-19:00	138	3	15	50	55	14	0	0	0	1	1	0	0	0	0	0	0	0
19:00-20:00	97	1	5	30	39	15	6	1	0	0	0	0	0	0	0	0	0	0
20:00-21:00	74	0	8	22	32	12	0	0	0	0	0	0	0	0	0	0	0	0
21:00-22:00	47	0	4	10	27	6	0	0	0	0	0	0	0	0	0	0	0	0
22:00-23:00	23	0	2	10	9	2	0	0	0	0	0	0	0	0	0	0	0	0
23:00-24:00	8	1	1	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL		56	124	400	501	153	18	1	2	3	0	0	0	0	0	0	4	4
% by Group		4	10	32	40	12	1	0	0	0	0	0	0	0	0	0	0	0
% Equal or Less		4	14	46	86	98	99	99	99	100	100	100	100	100	100	100	100	100

Daily Traffic 1270
 AM Peak Hour (7:00- 8:00) 66 5.2% of Daily Total
 PM Peak Hour (17:00-18:00) 141 11.1% of Daily Total
 4th Highest Hour (16:00-17:00) 102 8.03% of Daily Total
 8th Highest Hour (14:00-15:00) 72 5.67% of Daily Total

Observations Over Posted Speed %
 Observations +10mph Over %

Pace (- MPH) %

P50- P70- P85- 28 P90-

99

P85=85th Percentile

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF COLUMBIA STREET
 Direction: SOUTH BOUND
 Posted Speed: UNKNOWN
 Weather Condition: Unknown

Date: 10/15/97
 Day of Week: WEDNESDAY

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted		
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60				
00:00-01:00	6	1	0	1	3	1	0	0	0	0	0	0	0	0	0	0	28	---
01:00-02:00	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	28	---
02:00-03:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	---
03:00-04:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	---
04:00-05:00	4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	28	---
05:00-06:00	14	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0	28	---
06:00-07:00	14	0	1	6	3	2	1	0	0	0	0	0	0	0	0	0	28	---
07:00-08:00	57	3	5	27	15	7	0	0	0	0	0	0	0	0	0	0	28	---
08:00-09:00	54	3	5	23	15	3	2	0	0	0	0	0	0	0	0	0	28	---
09:00-10:00	37	3	2	9	15	7	2	0	1	0	0	0	0	0	0	0	28	---
10:00-11:00	43	4	6	16	14	3	0	0	0	0	0	0	0	0	0	0	29	---
11:00-12:00																	29	---
12:00-13:00																	27	---
13:00-14:00																		
14:00-15:00																		
15:00-16:00																		
16:00-17:00																		
17:00-18:00																		
18:00-19:00																		
19:00-20:00																		
20:00-21:00																		
21:00-22:00																		
22:00-23:00																		
23:00-24:00																		
TOTAL		14	21	87	76	25	4	0	1	0	0	0	0	0	0	0		
% by Group		6	9	38	33	11	2	0	0	0	0	0	0	0	0	0		
% Equal or Less		6	15	54	87	98	100	100	100	100	100	100	100	100	100	100		

Daily Traffic 233
 AM Peak Hour ()
 PM Peak Hour ()
 4th Highest Hour ()
 8th Highest Hour ()

% of Daily Total
 % of Daily Total
 % of Daily Total
 % of Daily Total

P85=85th Percentile

Observations Over Posted Speed
 Observations +10mph Over

%
 %

Pace (- MPH) %

P50- P70- P85- 28 P90-

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF COLUMBIA STREET
 Direction: NORTH BOUND Weather Condition: Unknown
 Posted Speed: UNKNOWN

Date: 10/ 8/97
 Day of Week: WEDNESDAY

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted	
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60			
00:00-01:00																	
01:00-02:00																	
02:00-03:00																	
03:00-04:00																	
04:00-05:00																	
05:00-06:00																	
06:00-07:00																	
07:00-08:00																	
08:00-09:00																	
09:00-10:00																	
10:00-11:00																	
11:00-12:00																	
12:00-13:00																	
13:00-14:00	9	2	1	2	2	0	0	0	0	0	0	0	0	0	0	0	
14:00-15:00	50	2	11	13	15	9	0	0	0	0	0	0	0	0	0	0	--
15:00-16:00	57	5	10	17	17	4	0	0	0	0	0	0	0	0	0	0	29
16:00-17:00	72	4	9	23	26	8	2	0	0	0	0	0	0	0	0	1	27
17:00-18:00	84	2	8	27	35	11	1	0	0	0	0	0	0	0	0	0	28
18:00-19:00	71	2	7	26	23	11	1	0	0	0	0	0	0	0	0	0	28
19:00-20:00	53	0	11	17	16	7	1	1	0	0	0	0	0	0	0	0	29
20:00-21:00	26	0	2	10	9	5	0	0	0	0	0	0	0	0	0	0	29
21:00-22:00	18	2	2	5	6	2	1	0	0	0	0	0	0	0	0	0	29
22:00-23:00	7	0	0	5	1	0	0	1	0	0	0	0	0	0	0	0	--
23:00-24:00	11	1	0	1	5	4	0	0	0	0	0	0	0	0	0	0	--
TOTAL		20	61	146	155	61	6	2	0	0	1	0	0	1			
% by Group		4	13	32	34	13	1	0	0	0	0	0	0	0	0	0	
% Equal or Less		4	18	50	84	98	99	100	100	100	100	100	100	100	100	100	

Daily Traffic 458
 AM Peak Hour { } % of Daily Total
 PM Peak Hour { } % of Daily Total
 4th Highest Hour { } % of Daily Total
 8th Highest Hour { } % of Daily Total

Observations Over Posted Speed %
 Observations +10mph Over %

Pace (- MPH) %

P50- P70- P85- 28 P90-

P85=85th Percentile

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF COLUMBIA STREET
 Direction: NORTH BOUND Weather Condition: Unknown
 Posted Speed: UNKNOWN

Date: 10/ 9/97
 Day of Week: THURSDAY

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted		
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60				
00:00-01:00	5	0	1	1	3	0	0	0	0	0	0	0	0	0	0	0	--	--
01:00-02:00	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	--	--
02:00-03:00	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
03:00-04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
04:00-05:00	6	0	1	2	1	2	0	0	0	0	0	0	0	0	0	0	--	--
05:00-06:00	18	2	1	4	5	2	0	0	0	0	0	0	0	0	0	0	--	--
06:00-07:00	54	3	4	13	23	7	2	0	0	0	0	0	0	0	0	0	--	--
07:00-08:00	172	4	21	52	71	19	1	0	0	0	0	0	0	0	0	0	30	--
08:00-09:00	66	6	7	25	24	2	0	0	0	0	1	0	0	0	0	0	28	--
09:00-10:00	46	1	5	20	16	2	0	0	0	0	0	0	0	0	0	0	27	--
10:00-11:00	49	2	6	24	14	3	0	0	0	0	0	0	0	0	0	0	27	--
11:00-12:00	67	5	14	24	15	5	3	0	0	0	0	0	0	0	0	0	27	--
12:00-13:00	54	4	8	22	12	7	0	0	0	0	0	0	0	0	0	0	27	--
13:00-14:00	73	6	11	20	26	6	4	0	0	0	0	0	0	0	0	0	28	--
14:00-15:00	58	4	10	19	20	3	1	0	0	0	0	0	0	0	0	0	28	--
15:00-16:00	69	5	9	21	29	4	0	0	0	0	0	0	0	0	0	0	27	--
16:00-17:00	85	4	17	32	25	6	0	0	0	0	0	0	0	0	0	1	27	--
17:00-18:00	97	6	16	36	31	7	0	0	0	0	0	1	0	0	0	0	27	--
18:00-19:00	82	3	8	28	33	8	1	0	0	0	0	1	0	0	0	0	27	--
19:00-20:00	51	3	5	21	16	6	0	0	0	1	0	0	0	0	0	0	28	--
20:00-21:00	31	0	6	9	15	0	1	0	0	0	0	0	0	0	0	0	28	--
21:00-22:00	29	1	5	8	12	2	0	0	0	0	0	0	0	0	0	0	27	--
22:00-23:00	28	0	3	8	11	6	0	0	0	0	0	0	0	0	0	1	28	--
23:00-24:00	10	1	1	3	5	0	0	0	0	0	0	0	0	0	0	0	29	--
TOTAL		61	160	393	407	98	16	2	1	0	1	2	0	2			--	--
% by Group		5	14	34	36	9	1	0	0	0	0	0	0	0				
% Equal or Less		5	19	54	89	98	99	99	100	100	100	100	100	100				

Daily Traffic 1154
 AM Peak Hour (7:00- 8:00) 172
 PM Peak Hour (17:00-18:00) 97
 4th Highest Hour (18:00-19:00) 82
 8th Highest Hour (8:00- 9:00) 66

14.9% of Daily Total
 8.41% of Daily Total
 7.11% of Daily Total
 5.72% of Daily Total

P85=85th Percentile

Observations Over Posted Speed %
 Observations +10mph Over %

Pace (- MPH) %

P50- P70- P85- 28 P90-

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF COLUMBIA STREET
 Direction: NORTH BOUND Weather Condition: Unknown
 Posted Speed: UNKNOWN

Date: 10/10/97
 Day of Week: FRIDAY

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted		
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60				
00:00-01:00	12	0	4	3	3	2	0	0	0	0	0	0	0	0	0	0	--	--
01:00-02:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	--	--
02:00-03:00	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	--	--
03:00-04:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
04:00-05:00	6	1	0	3	2	0	0	0	0	0	0	0	0	0	0	0	--	--
05:00-06:00	15	0	1	3	6	3	0	0	0	0	0	0	0	0	0	0	--	--
06:00-07:00	47	3	6	17	13	5	2	0	0	0	0	0	0	0	0	0	--	--
07:00-08:00	78	2	8	30	26	11	1	0	0	0	0	0	0	0	0	0	29	--
08:00-09:00	64	3	8	28	19	6	0	0	0	0	0	0	0	0	0	0	28	--
09:00-10:00	68	7	11	19	25	6	0	0	0	0	0	0	0	0	0	0	27	--
10:00-11:00	78	4	11	33	19	5	0	0	0	0	0	0	0	0	0	0	27	--
11:00-12:00	63	7	5	30	16	3	0	0	0	0	0	0	0	0	0	0	27	--
12:00-13:00	64	2	15	27	17	2	1	0	0	0	0	0	0	0	0	0	26	--
13:00-14:00	67	9	12	21	20	4	0	0	0	0	0	0	0	0	0	0	26	--
14:00-15:00	65	2	12	31	13	5	1	0	0	0	0	0	0	0	0	0	27	--
15:00-16:00	52	2	10	20	17	3	0	0	0	0	0	0	0	0	0	0	27	--
16:00-17:00	100	3	16	43	29	4	2	1	0	0	0	0	0	0	0	0	27	--
17:00-18:00	84	0	11	35	26	8	2	0	0	0	0	0	0	0	0	1	27	--
18:00-19:00	76	6	7	26	25	10	1	0	0	0	1	0	0	0	0	1	28	--
19:00-20:00	48	0	5	21	20	2	0	0	0	0	0	0	0	0	0	1	28	--
20:00-21:00	29	0	6	9	11	3	0	0	0	0	0	0	0	0	0	0	27	--
21:00-22:00	27	5	1	8	7	6	0	0	0	0	0	0	0	0	0	0	28	--
22:00-23:00	29	1	4	7	10	7	0	0	0	0	0	0	0	0	0	0	29	--
23:00-24:00	20	0	1	4	11	4	0	0	0	0	0	0	0	0	0	0	30	--
TOTAL		57	155	420	336	101	14	1	0	0	1	0	0	3				
% by Group		5	14	39	31	9	1	0	0	0	0	0	0	0	0	0		
% Equal or Less		5	19	58	89	98	100	100	100	100	100	100	100	100	100	100		

Daily Traffic 1096
 AM Peak Hour (10:00-11:00) 78 7.12% of Daily Total
 PM Peak Hour (16:00-17:00) 100 9.12% of Daily Total
 4th Highest Hour (10:00-11:00) 78 7.12% of Daily Total
 8th Highest Hour (14:00-15:00) 65 5.93% of Daily Total

P85=85th Percentile

Observations Over Posted Speed %
 Observations +10mph Over %

Pace (- MPH) %

P50- P70- P85- 27 P90-

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF COLUMBIA STREET
 Direction: NORTH BOUND Weather Condition: Unknown
 Posted Speed: UNKNOWN

Date: 10/11/97
 Day of Week: SATURDAY

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted	
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60			
00:00-01:00	6	0	1	2	0	1	1	1	0	0	0	0	0	0	0	---	---
01:00-02:00	3	0	1	1	1	0	0	0	0	0	0	0	0	0	0	---	---
02:00-03:00	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	---	---
03:00-04:00	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	---	---
04:00-05:00	6	0	0	4	1	1	0	0	0	0	0	0	0	0	0	---	---
05:00-06:00	13	1	2	2	7	1	0	0	0	0	0	0	0	0	0	---	---
06:00-07:00	20	1	3	6	8	2	0	0	0	0	0	0	0	0	0	27	---
07:00-08:00	24	0	3	8	9	4	0	0	0	0	0	0	0	0	0	28	---
08:00-09:00	80	2	4	30	28	15	1	0	0	0	0	0	0	0	0	29	---
09:00-10:00	65	3	7	26	22	4	1	0	0	0	0	0	0	0	0	27	---
10:00-11:00	86	3	13	29	34	7	0	0	0	0	0	0	0	0	0	27	---
11:00-12:00	98	5	18	35	32	7	1	0	0	0	0	0	0	0	0	27	---
12:00-13:00	83	2	13	34	26	8	0	0	0	0	0	0	0	0	0	27	---
13:00-14:00	80	2	10	38	26	3	1	0	0	0	0	0	0	0	0	27	---
14:00-15:00	90	2	18	33	27	7	2	1	0	0	0	0	0	0	0	27	---
15:00-16:00	70	5	11	24	23	7	0	0	0	0	0	0	0	0	0	27	---
16:00-17:00	66	5	11	21	18	7	4	0	0	0	0	0	0	0	0	29	---
17:00-18:00	67	3	9	21	24	10	0	0	0	0	0	0	0	0	0	28	---
18:00-19:00	57	3	3	25	17	7	0	0	0	0	0	0	0	0	0	28	---
19:00-20:00	55	2	6	21	18	6	2	0	0	0	0	0	0	0	0	28	---
20:00-21:00	40	3	3	17	15	1	1	0	0	0	0	0	0	0	0	27	---
21:00-22:00	24	0	3	10	9	1	1	0	0	0	0	0	0	0	0	27	---
22:00-23:00	17	1	3	5	7	0	1	0	0	0	0	0	0	0	0	---	---
23:00-24:00	4	0	0	2	1	1	0	0	0	0	0	0	0	0	0	---	---
TOTAL		44	142	398	353	100	16	2	0	0	0	0	0	0	0		
% by Group		4	13	38	33	9	2	0	0	0	0	0	0	0	0		
% Equal or Less		4	18	55	89	98	100	100	100	100	100	100	100	100	100		

Daily Traffic 1059
 AM Peak Hour (11:00-12:00) 98 9.25% of Daily Total
 PM Peak Hour (14:00-15:00) 90 8.5% of Daily Total
 4th Highest Hour (12:00-13:00) 83 7.84% of Daily Total
 8th Highest Hour (17:00-18:00) 67 6.33% of Daily Total

Observations Over Posted Speed %
 Observations +10mph Over %

Pace (- MPH) %

P50- P70- P85- 28 P90-

P85=85th Percentile

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF COLUMBIA STREET
 Direction: NORTH BOUND
 Posted Speed: UNKNOWN
 Weather Condition: Unknown

Date: 10/12/97
 Day of Week: SUNDAY

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted		
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60				
00:00-01:00	6	0	1	1	3	0	0	1	0	0	0	0	0	0	0	0	---	---
01:00-02:00	3	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	---	---
02:00-03:00	8	0	3	2	1	1	0	0	0	0	0	0	0	0	0	0	---	---
03:00-04:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	---	---
04:00-05:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	---	---
05:00-06:00	4	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	---	---
06:00-07:00	5	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	---	---
07:00-08:00	20	0	4	7	9	0	0	0	0	0	0	0	0	0	0	0	---	---
08:00-09:00	33	0	3	13	15	2	0	0	0	0	0	0	0	0	0	0	---	---
09:00-10:00	49	2	5	15	20	7	0	0	0	0	0	0	0	0	0	0	---	---
10:00-11:00	57	0	4	23	20	8	0	0	0	0	0	0	0	0	0	0	---	---
11:00-12:00	66	1	9	26	22	4	4	0	0	1	0	0	0	0	0	1	---	---
12:00-13:00	43	4	7	13	14	4	1	0	0	0	0	0	0	0	0	0	---	---
13:00-14:00	76	4	10	28	25	4	1	0	0	0	0	0	0	0	0	0	---	---
14:00-15:00	72	2	9	26	30	4	0	0	0	0	0	0	0	0	0	0	---	---
15:00-16:00	61	4	4	18	22	8	2	0	0	0	0	0	0	0	0	0	---	---
16:00-17:00	56	2	4	20	22	7	1	0	0	0	0	0	0	0	0	0	---	---
17:00-18:00	69	6	9	26	22	3	2	0	0	0	0	0	0	0	0	0	---	---
18:00-19:00	73	3	9	24	28	8	0	0	0	0	0	0	0	0	0	0	---	---
19:00-20:00	34	3	4	12	11	2	2	0	0	0	0	0	0	0	0	0	---	---
20:00-21:00	32	0	1	12	16	3	0	0	0	0	0	0	0	0	0	0	---	---
21:00-22:00	18	0	3	7	5	3	0	0	0	0	0	0	0	0	0	0	---	---
22:00-23:00	11	0	0	3	6	2	0	0	0	0	0	0	0	0	0	0	---	---
23:00-24:00	8	0	0	2	3	2	0	0	0	0	0	0	0	0	0	0	---	---
TOTAL		32	90	281	301	80	12	2	0	1	0	0	0	0	1		---	---
% by Group		4	11	35	38	10	2	0	0	0	0	0	0	0	0			
% Equal or Less		4	15	50	88	98	100	100	100	100	100	100	100	100	100			

Daily Traffic 806
 AM Peak Hour (11:00-12:00) 66
 PM Peak Hour (13:00-14:00) 76
 4th Highest Hour (17:00-18:00) 69
 8th Highest Hour (16:00-17:00) 56

8.19% of Daily Total
 9.43% of Daily Total
 8.56% of Daily Total
 6.95% of Daily Total

P85=85th Percentile

Observations Over Posted Speed %
 Observations +10mph Over %

Pace (- MPH) %

P50- P70- P85- 28 P90-

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF COLUMBIA STREET
 Direction: NORTH BOUND Weather Condition: Unknown
 Posted Speed: UNKNOWN

Date: 10/13/97
 Day of Week: MONDAY

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted		
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60				
00:00-01:00	3	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	--	--
01:00-02:00	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
02:00-03:00	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	--	--
03:00-04:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	--	--
04:00-05:00	8	1	1	1	3	2	0	0	0	0	0	0	0	0	0	0	--	--
05:00-06:00	15	2	1	1	6	4	1	0	0	0	0	0	0	0	0	0	--	--
06:00-07:00	66	1	8	23	26	6	1	1	0	0	0	0	0	0	0	0	--	--
07:00-08:00	177	11	20	74	61	8	2	1	1	0	0	0	0	0	0	0	28	--
08:00-09:00	58	4	7	22	20	5	0	0	0	0	0	0	0	0	0	0	27	--
09:00-10:00	49	5	11	16	13	4	0	0	0	0	0	0	0	0	0	0	27	--
10:00-11:00	45	1	6	14	15	7	0	0	0	0	0	0	0	0	0	0	27	--
11:00-12:00	60	4	11	20	22	3	0	0	0	0	0	0	0	0	0	0	29	--
12:00-13:00	47	8	6	10	11	8	0	0	0	0	0	0	0	0	0	0	27	--
13:00-14:00	58	5	10	15	21	6	0	0	0	0	0	0	0	1	1	30	--	--
14:00-15:00	48	4	2	19	17	4	2	0	0	0	0	0	0	0	0	0	28	--
15:00-16:00	68	1	6	24	25	10	0	0	0	0	0	0	1	0	0	0	28	--
16:00-17:00	83	4	10	36	24	8	0	0	0	0	0	0	1	0	0	1	29	--
17:00-18:00	72	2	13	24	25	6	1	0	0	0	0	0	1	0	0	0	27	--
18:00-19:00	83	5	11	30	26	10	0	0	0	0	0	0	0	0	0	0	27	--
19:00-20:00	53	2	9	17	20	3	0	0	0	0	1	1	0	0	0	0	28	--
20:00-21:00	27	2	4	8	8	5	0	0	0	0	0	0	0	0	0	0	27	--
21:00-22:00	26	2	2	11	9	1	0	0	0	0	0	0	0	0	0	0	29	--
22:00-23:00	10	2	2	2	3	1	0	0	0	0	0	0	0	0	0	0	27	--
23:00-24:00	3	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	--	--
TOTAL		66	143	370	360	101	7	5	0	3	1	2	1	2				
% by Group		6	13	35	34	10	1	0	0	0	0	0	0	0				
% Equal or Less		6	20	55	89	98	99	99	99	99	100	100	100	100				

Daily Traffic 1064
 AM Peak Hour (7:00- 8:00) 177 16.64% of Daily Total
 PM Peak Hour (18:00-19:00) 83 7.8% of Daily Total
 4th Highest Hour (17:00-18:00) 72 6.77% of Daily Total
 8th Highest Hour (8:00- 9:00) 58 5.45% of Daily Total

P85=85th Percentile

99

Observations Over Posted Speed %
 Observations +10mph Over %

Pace (- MPH) %

P50- P70- P85- 28 P90-

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF COLUMBIA STREET
 Direction: NORTH BOUND
 Posted Speed: UNKNOWN
 Weather Condition: Unknown

Date: 10/14/97
 Day of Week: TUESDAY

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted		
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60				
00:00-01:00	8	1	1	2	1	3	0	0	0	0	0	0	0	0	0	0	--	--
01:00-02:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	--	--
02:00-03:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
03:00-04:00	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	--	--
04:00-05:00	6	0	1	2	0	1	0	0	0	0	0	0	0	0	0	0	--	--
05:00-06:00	16	1	0	7	2	1	0	0	0	0	0	0	0	0	0	0	--	--
06:00-07:00	62	3	8	22	22	3	0	0	0	0	0	0	0	0	0	0	--	--
07:00-08:00	178	14	46	62	34	8	6	1	1	0	0	0	0	0	0	0	28	--
08:00-09:00	118	6	24	48	29	7	2	1	0	0	0	0	0	0	0	1	27	--
09:00-10:00	106	9	16	45	28	8	0	0	0	0	0	0	0	0	0	0	27	--
10:00-11:00	86	4	13	36	27	3	0	0	0	0	0	0	0	0	0	0	27	--
11:00-12:00	136	14	30	43	41	5	3	0	0	0	0	0	0	0	0	0	27	--
12:00-13:00	94	11	12	42	19	6	3	1	0	0	0	0	0	0	0	0	27	--
13:00-14:00	55	7	6	16	17	4	3	0	0	0	0	0	0	0	0	0	27	--
14:00-15:00	63	4	4	25	22	8	0	0	0	1	0	0	0	0	0	0	28	--
15:00-16:00	78	2	10	29	23	11	3	0	0	0	0	0	0	0	0	0	28	--
16:00-17:00	103	1	22	42	31	6	1	0	0	0	0	0	0	0	0	0	29	--
17:00-18:00	104	4	23	34	31	4	0	0	0	0	0	0	0	0	0	0	27	--
18:00-19:00	103	3	18	40	32	8	1	0	0	0	0	0	0	0	0	0	27	--
19:00-20:00	61	4	10	20	20	4	1	1	0	0	0	0	0	0	0	0	27	--
20:00-21:00	43	2	4	16	17	4	0	0	0	0	0	0	0	0	0	0	27	--
21:00-22:00	22	1	3	7	6	5	0	0	0	0	0	0	0	0	0	0	27	--
22:00-23:00	16	0	2	7	4	3	0	0	0	0	0	0	0	0	0	0	29	--
23:00-24:00	7	0	3	0	4	0	0	0	0	0	0	0	0	0	0	0	--	--
TOTAL		91	257	546	416	106	26	4	1	1	0	0	0	0	1			
% by Group		6	18	38	29	7	2	0	0	0	0	0	0	0	0			
% Equal or Less		6	24	62	90	98	100	100	100	100	100	100	100	100	100			

Daily Traffic 1470
 AM Peak Hour (7:00- 8:00) 178
 PM Peak Hour (17:00-18:00) 104
 4th Highest Hour (9:00-10:00) 106
 8th Highest Hour (12:00-13:00) 94

12.11% of Daily Total
 7.07% of Daily Total
 7.21% of Daily Total
 6.39% of Daily Total

P85=85th Percentile

Observations Over Posted Speed %
 Observations +10mph Over %

Pace (- MPH) %

P50- P70- P85- 27 P90-

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF COLUMBIA STREET
 Direction: NORTH BOUND
 Posted Speed: UNKNOWN
 Date: 10/15/97
 Day of Week: WEDNESDAY
 Weather Condition: Unknown

Traffic Smithy
Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted		
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60				
00:00-01:00	5	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	---	---
01:00-02:00	5	0	0	3	0	2	0	0	0	0	0	0	0	0	0	0	---	---
02:00-03:00	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	---	---
03:00-04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	---	---
04:00-05:00	6	0	1	2	3	0	0	0	0	0	0	0	0	0	0	0	---	---
05:00-06:00	21	1	2	4	9	3	1	0	0	0	0	0	0	0	0	0	---	---
06:00-07:00	67	2	10	22	24	8	1	0	0	0	0	0	0	0	0	0	29	---
07:00-08:00	163	9	30	59	51	9	3	1	0	0	0	0	0	0	0	0	28	---
08:00-09:00	63	2	5	28	16	9	2	0	0	0	0	0	0	0	0	0	27	---
09:00-10:00	59	3	4	20	20	8	2	0	0	0	0	0	0	0	0	0	29	---
10:00-11:00	61	4	6	20	22	7	1	1	0	0	0	1	0	0	0	0	29	---
11:00-12:00								0	0	0	0	0	0	0	0	0	28	---
12:00-13:00																		
13:00-14:00																		
14:00-15:00																		
15:00-16:00																		
16:00-17:00																		
17:00-18:00																		
18:00-19:00																		
19:00-20:00																		
20:00-21:00																		
21:00-22:00																		
22:00-23:00																		
23:00-24:00																		
TOTAL		21	59	160	148	47	8	2	0	0	0	1	0	0				
% by Group		5	13	36	33	11	2	0	0	0	0	0	0	0				
% Equal or Less		5	18	54	87	98	99	100	100	100	100	100	100	100				

Daily Traffic 452	
AM Peak Hour ()
PM Peak Hour ()
4th Highest Hour ()
8th Highest Hour ()
	% of Daily Total
	% of Daily Total
	% of Daily Total
	% of Daily Total
Observations Over Posted Speed	%
Observations +10mph Over	%
Pace (- MPH)	%
P50-	P70-
P85- 28	P90-

P85=85th Percentile

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF TUALATIN
 Direction: SOUTH BOUND
 Posted Speed: 25 MPH
 Weather Condition: Unknown

Date: 10/13/97
 Day of Week: MONDAY

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted	
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60			
00:00-01:00																	
01:00-02:00																	
02:00-03:00																	
03:00-04:00																	
04:00-05:00																	
05:00-06:00																	
06:00-07:00																	
07:00-08:00																	
08:00-09:00																	
09:00-10:00																	
10:00-11:00	19	0	3	0	7	6	1	2	0	0	0	0	0	0	0	--	74
11:00-12:00	27	1	3	5	7	5	5	1	0	0	0	0	0	0	0	--	74
12:00-13:00	29	2	0	3	5	14	4	1	0	0	0	0	0	0	0	34	59
13:00-14:00	24	2	3	1	5	4	6	1	0	0	0	0	0	0	0	33	79
14:00-15:00	23	1	0	6	6	4	6	2	0	0	0	0	0	0	0	35	67
15:00-16:00	55	1	3	16	9	14	8	1	0	0	0	0	0	0	0	34	61
16:00-17:00	66	0	0	19	22	14	10	1	0	0	0	0	0	0	0	34	60
17:00-18:00	86	3	10	10	29	21	12	1	0	0	0	0	0	0	0	32	62
18:00-19:00	66	1	2	4	27	22	7	3	0	0	0	0	0	0	1	32	65
19:00-20:00	37	0	1	2	12	8	9	3	1	0	1	0	0	0	0	32	79
20:00-21:00	28	0	3	3	11	6	3	1	1	0	0	0	0	0	0	36	84
21:00-22:00	23	1	4	5	4	1	4	3	1	0	0	0	0	0	0	33	68
22:00-23:00	9	0	0	2	5	1	0	3	1	0	0	0	0	0	0	37	52
23:00-24:00	3	0	0	0	2	1	0	1	0	0	0	0	0	0	0	--	67
TOTAL		12	32	76	152	122	73	23	3	0	1	0	0	1		--	100
% by Group		2	6	15	31	25	15	5	1	0	0	0	0	0			
% Equal or Less		2	9	24	55	80	94	99	100	100	100	100	100	100			

Daily Traffic 495
 AM Peak Hour { }
 PM Peak Hour { }
 4th Highest Hour { }
 8th Highest Hour { }
 Observations Over Posted Speed %
 Observations +10mph Over %
 Pace (- MPH) %
 P50- P70- P85- 33 P90-

% of Daily Total
 % of Daily Total
 % of Daily Total
 % of Daily Total
 P85-85th Percentile
 100

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF TUALATIN
 Direction: SOUTH BOUND
 Posted Speed: 25 MPH

Date: 10/14/97
 Day of Week: TUESDAY

Weather Condition: Unknown

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted		
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60				
00:00-01:00	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	--	100
01:00-02:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	--	100
02:00-03:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	--	100
03:00-04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	100
04:00-05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	100
05:00-06:00	4	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	--	50
06:00-07:00	8	0	2	0	3	0	2	1	0	0	0	0	0	0	0	0	--	63
07:00-08:00	49	1	5	9	17	9	6	2	0	0	0	0	0	0	0	0	32	61
08:00-09:00	32	0	2	4	13	9	4	0	0	0	0	0	0	0	0	0	32	72
09:00-10:00	19	0	2	4	2	6	4	1	0	0	0	0	0	0	0	0	--	68
10:00-11:00	22	0	2	2	6	6	6	0	0	0	0	0	0	0	0	0	34	73
11:00-12:00	32	2	3	5	12	3	6	1	0	0	0	0	0	0	0	0	33	59
12:00-13:00	28	0	1	5	9	8	3	2	0	0	0	0	0	0	0	0	33	71
13:00-14:00	35	0	1	5	14	7	8	2	0	0	0	0	0	0	0	0	33	71
14:00-15:00	48	1	5	7	13	17	3	2	0	0	0	0	0	0	0	0	31	67
15:00-16:00	60	1	4	15	16	16	8	3	0	0	0	0	0	0	0	0	32	60
16:00-17:00	50	0	5	8	16	10	8	3	0	0	0	0	0	0	0	0	34	66
17:00-18:00	80	0	1	5	31	32	5	6	0	0	0	0	0	0	0	0	32	83
18:00-19:00	77	0	2	20	23	25	6	1	0	0	0	0	0	0	0	0	31	64
19:00-20:00	49	2	2	5	15	11	7	6	0	0	1	0	0	0	0	0	36	73
20:00-21:00	33	0	1	5	14	8	5	0	0	0	0	0	0	0	0	0	32	70
21:00-22:00	22	0	1	2	9	9	1	0	0	0	0	0	0	0	0	0	31	77
22:00-23:00	12	0	1	0	7	2	2	0	0	0	0	0	0	0	0	0	--	75
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
TOTAL		8	40	101	226	179	84	25	0	0	1	0	0	0	0	0		
% by Group		1	6	15	34	27	13	4	0	0	0	0	0	0	0	0		
% Equal or Less		1	7	22	56	83	96	100	100	100	100	100	100	100	100	100		

Daily Traffic 664
 AM Peak Hour (7:00- 8:00) 49 7.38% of Daily Total
 PM Peak Hour (17:00-18:00) 80 12.05% of Daily Total
 4th Highest Hour (16:00-17:00) 50 7.53% of Daily Total
 8th Highest Hour (13:00-14:00) 35 5.27% of Daily Total

Observations Over Posted Speed %
 Observations +10mph Over %

Pace (- MPH) %

P50- P70- P85- 32 P90-

P85=85th Percentile

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF TUALATIN
 Direction: SOUTH BOUND
 Posted Speed: 25 MPH

Weather Condition: Unknown

Date: 10/15/97
 Day of Week: WEDNESDAY

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted		
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60				
00:00-01:00	5	1	0	0	2	2	0	0	0	0	0	0	0	0	0	0	--	80
01:00-02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
02:00-03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
03:00-04:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	--	100
04:00-05:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	--	100
05:00-06:00	5	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	--	60
06:00-07:00	3	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	--	67
07:00-08:00	35	0	3	7	11	6	8	0	0	0	0	0	0	0	0	0	33	63
08:00-09:00	33	1	0	8	13	5	5	1	0	0	0	0	0	0	0	0	33	64
09:00-10:00	16	1	0	0	4	7	9	1	2	0	0	0	0	0	0	0	--	88
10:00-11:00	25	2	2	2	7	9	1	2	2	0	0	0	0	0	0	0	32	68
11:00-12:00	32	1	1	5	12	9	4	0	0	0	0	0	0	0	0	0	32	69
12:00-13:00	25	1	0	4	10	7	2	0	0	0	0	0	0	0	0	0	32	72
13:00-14:00	39	0	2	11	11	9	6	0	0	1	0	0	0	0	0	0	32	59
14:00-15:00	39	1	4	7	12	11	3	1	0	0	0	0	0	0	0	0	31	62
15:00-16:00	63	0	2	15	19	17	4	4	1	1	0	0	0	0	0	0	33	65
16:00-17:00	61	0	4	11	17	20	8	1	0	0	0	0	0	0	0	0	32	69
17:00-18:00	74	1	3	9	23	32	3	1	1	0	0	0	0	0	0	0	31	74
18:00-19:00	66	0	1	8	27	16	13	1	0	0	0	0	0	0	0	1	33	76
19:00-20:00	38	0	3	4	11	13	7	0	0	0	0	0	0	0	0	0	33	74
20:00-21:00	32	1	3	4	12	8	3	1	0	0	0	0	0	0	0	0	32	66
21:00-22:00	36	0	2	7	11	8	4	3	1	0	0	0	0	0	0	0	35	67
22:00-23:00	19	0	0	5	4	8	2	0	0	0	0	0	0	0	0	0	--	68
23:00-24:00	12	0	1	2	4	2	3	0	0	0	0	0	0	0	0	0	--	67
TOTAL		10	32	111	211	194	79	17	3	2	0	0	0	1				
% by Group		2	5	17	32	29	12	3	0	0	0	0	0	0				
% Equal or Less		2	6	23	55	85	97	99	100	100	100	100	100	100				

Daily Traffic 660
 AM Peak Hour (7:00- 8:00) 35 5.3% of Daily Total
 PM Peak Hour (17:00-18:00) 74 11.21% of Daily Total
 4th Highest Hour (16:00-17:00) 61 9.24% of Daily Total
 8th Highest Hour (21:00-22:00) 36 5.45% of Daily Total

Observations Over Posted Speed %
 Observations +10mph Over %

Pace (- MPH) %

P50- P70- P85- 32 P90-

P85=85th Percentile

100

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF TUALATIN
 Direction: SOUTH BOUND
 Posted Speed: 25 MPH
 Weather Condition: Unknown

Date: 10/16/97
 Day of Week: THURSDAY

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted	
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60			
00:00-01:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	--	100
01:00-02:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	--	100
02:00-03:00	3	0	0	0	1	1	0	0	0	0	0	0	0	0	0	--	100
03:00-04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	100
04:00-05:00	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	--	0
05:00-06:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	--	100
06:00-07:00	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	--	100
07:00-08:00	38	1	2	7	8	14	5	1	0	0	0	0	0	0	0	--	100
08:00-09:00	24	0	2	1	6	6	8	1	0	0	0	0	0	0	0	32	68
09:00-10:00	18	0	2	4	7	6	8	1	0	0	0	0	0	0	0	35	79
10:00-11:00	23	0	0	3	6	9	3	0	0	0	0	0	0	0	0	--	56
11:00-12:00	23	1	3	6	2	7	3	0	1	0	0	0	0	0	0	34	78
12:00-13:00	29	0	0	9	9	6	3	1	0	0	0	0	0	0	0	33	57
13:00-14:00	34	1	2	3	12	9	5	1	0	0	1	0	0	0	0	33	62
14:00-15:00	29	1	0	8	9	7	4	2	0	0	0	0	0	0	0	34	74
15:00-16:00	73	0	2	12	20	17	17	2	2	0	0	0	0	0	0	32	62
16:00-17:00	47	0	6	7	16	12	4	1	0	0	0	0	0	0	1	35	74
17:00-18:00	90	0	4	16	23	32	13	1	0	0	0	0	0	0	0	31	63
18:00-19:00	90	1	4	22	24	25	13	1	0	1	0	0	0	0	0	32	71
19:00-20:00	57	1	1	13	20	13	8	1	0	0	0	0	0	0	0	32	63
20:00-21:00	36	0	1	2	14	11	7	1	0	0	0	0	0	0	0	32	65
21:00-22:00	29	0	1	7	6	9	4	1	0	0	0	0	0	0	0	33	81
22:00-23:00	8	0	1	2	2	3	0	2	0	0	0	0	0	0	0	34	66
23:00-24:00	5	0	0	0	2	1	1	1	0	0	0	0	0	0	0	--	63
TOTAL		7	31	123	189	187	102	16	3	2	1	0	0	1		--	100
% by Group		1	5	19	29	28	15	2	0	0	0	0	0	0			
% Equal or Less		1	6	24	53	81	97	99	99	100	100	100	100	100			

Daily Traffic 663
 AM Peak Hour (7:00- 8:00) 38
 PM Peak Hour (18:00-19:00) 90
 4th Highest Hour (19:00-20:00) 57
 8th Highest Hour (13:00-14:00) 34

5.73% of Daily Total
 13.57% of Daily Total
 8.6% of Daily Total
 5.13% of Daily Total

P85=85th Percentile

Observations Over Posted Speed %
 Observations +10mph Over %

Pace (- MPH) %

P50- P70- P85- 33 P90-

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF TUALATIN
 Direction: SOUTH BOUND
 Posted Speed: 25 MPH
 Weather Condition: Unknown

Date: 10/17/97
 Day of Week: FRIDAY

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted		
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60				
00:00-01:00	3	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	--	67
01:00-02:00	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	--	100
02:00-03:00	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	--	100
03:00-04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	100
04:00-05:00	3	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	--	33
05:00-06:00	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	--	50
06:00-07:00	8	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	--	75
07:00-08:00	33	2	2	7	7	10	4	0	0	1	0	0	0	0	0	0	--	59
08:00-09:00	30	0	2	11	6	8	3	0	0	0	0	0	0	0	0	0	--	50
09:00-10:00	17	1	0	2	6	4	3	0	0	0	0	0	0	0	0	0	--	71
10:00-11:00	35	0	2	2	22	5	3	1	0	0	0	0	0	0	0	0	--	71
11:00-12:00	28	2	2	5	8	6	4	0	1	0	0	0	0	0	0	0	--	33
12:00-13:00	44	1	6	9	17	6	2	3	0	0	0	0	0	0	0	0	--	61
13:00-14:00	43	1	1	10	19	8	3	1	0	0	0	0	0	0	0	0	--	55
14:00-15:00	32	1	3	7	10	4	3	1	0	0	0	0	0	0	0	0	--	60
15:00-16:00	69	2	6	8	24	14	10	4	0	0	0	0	0	0	0	0	--	59
16:00-17:00	66	0	2	2	18	25	13	4	1	1	0	0	0	0	0	0	--	68
17:00-18:00	77	0	2	6	29	21	15	4	0	0	0	0	0	0	0	0	--	88
18:00-19:00	53	0	3	9	16	10	11	4	0	0	0	0	0	0	0	0	--	81
19:00-20:00	49	1	2	10	18	10	5	1	1	1	0	0	0	0	1	0	--	69
20:00-21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	65
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
TOTAL		11	36	90	204	138	83	24	4	3	0	0	0	0	0	1	--	--
% by Group		2	6	15	34	23	14	4	1	1	0	0	0	0	0	0	--	--
% Equal or Less		2	8	23	57	81	95	99	99	100	100	100	100	100	100	100	--	--

Daily Traffic 597
 AM Peak Hour (10:00-11:00) 35
 PM Peak Hour (17:00-18:00) 77
 4th Highest Hour (18:00-19:00) 53
 8th Highest Hour (10:00-11:00) 35

5.86% of Daily Total
 12.9% of Daily Total
 8.88% of Daily Total
 5.86% of Daily Total

P85=85th Percentile

Observations Over Posted Speed %
 Observations +10mph Over %

Pace (- MPH) %

P50- P70- P85- 33 P90-

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF TUALATIN
 Direction: NORTH BOUND
 Posted Speed: 25 MPH

Weather Condition: Unknown

Date: 10/13/97
 Day of Week: MONDAY

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted	
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60			
00:00-01:00																	
01:00-02:00																	
02:00-03:00																	
03:00-04:00																	
04:00-05:00																	
05:00-06:00																	
06:00-07:00																	
07:00-08:00																	
08:00-09:00																	
09:00-10:00																	
10:00-11:00	23	1	5	2	6	8	0	0	1	0	0	0	0	0	0	31	57
11:00-12:00	19	1	5	2	5	2	3	1	0	0	0	0	0	0	0	--	53
12:00-13:00	19	0	2	4	5	4	3	1	0	0	0	0	0	0	0	--	63
13:00-14:00	22	0	4	3	6	5	4	0	0	0	0	0	0	0	0	--	59
14:00-15:00	21	0	2	7	7	3	2	0	0	0	0	0	0	0	0	33	48
15:00-16:00	25	1	3	1	11	6	3	0	0	0	0	0	0	0	0	30	68
16:00-17:00	34	1	3	4	14	7	3	0	0	0	0	0	0	0	0	31	65
17:00-18:00	35	0	1	4	9	15	4	1	0	0	0	0	0	0	0	32	79
18:00-19:00	39	0	2	11	13	6	7	0	0	0	0	0	0	0	0	32	59
19:00-20:00	22	1	2	0	10	7	2	0	0	0	0	0	0	0	0	33	77
20:00-21:00	8	0	0	4	2	2	0	0	0	0	0	0	0	0	0	31	50
21:00-22:00	15	0	2	2	3	6	1	0	1	0	0	0	0	0	0	--	67
22:00-23:00	3	0	1	1	0	1	0	0	0	0	0	0	0	0	0	--	33
23:00-24:00	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	--	50
TOTAL		5	32	46	91	73	32	5	2	0	0	0	0	0	0		
% by Group		2	11	16	32	26	11	2	1	0	0	0	0	0	0		
% Equal or Less		2	13	29	61	86	98	99	100	100	100	100	100	100	100		

Daily Traffic 287

AM Peak Hour (

PM Peak Hour (

4th Highest Hour (

8th Highest Hour (

% of Daily Total

% of Daily Total

% of Daily Total

% of Daily Total

P85=85th Percentile

Observations Over Posted Speed

Observations +10mph Over

%

%

Pace (- MPH) %

P50-

P70-

P85- 32

P90-

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF TUALATIN
 Direction: NORTH BOUND
 Posted Speed: 25 MPH

Weather Condition: Unknown

Date: 10/14/97
 Day of Week: TUESDAY

Traffic Smithy
Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted	
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60			
00:00-01:00	4	0	0	3	0	0	1	0	0	0	0	0	0	0	0	--	25
01:00-02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
02:00-03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
03:00-04:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	--	--
04:00-05:00	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	--	100
05:00-06:00	6	0	1	1	1	1	0	0	0	0	0	0	0	0	0	--	100
06:00-07:00	32	0	2	3	5	10	11	1	0	0	0	0	0	0	0	--	67
07:00-08:00	95	0	4	16	40	20	11	2	2	0	0	0	0	0	0	35	81
08:00-09:00	40	1	2	3	15	9	6	3	1	0	0	0	0	0	0	32	68
09:00-10:00	25	0	1	4	12	6	2	4	1	0	0	0	0	0	0	35	75
10:00-11:00	16	0	1	2	6	3	4	0	0	0	0	0	0	0	0	31	68
11:00-12:00	20	0	5	1	4	4	5	1	0	0	0	0	0	0	0	--	69
12:00-13:00	33	1	2	6	12	6	3	3	0	0	0	0	0	0	0	34	65
13:00-14:00	23	0	2	3	8	6	3	1	0	0	0	0	0	0	0	33	64
14:00-15:00	28	0	1	7	11	3	6	0	1	0	0	0	0	0	0	33	70
15:00-16:00	28	0	5	7	8	6	1	1	0	0	0	0	0	0	0	33	61
16:00-17:00	45	0	3	9	15	10	6	1	1	0	0	0	0	0	0	31	50
17:00-18:00	50	1	2	8	22	11	5	1	1	0	0	0	0	0	0	33	64
18:00-19:00	40	0	4	6	11	14	4	1	0	0	0	0	0	0	0	31	66
19:00-20:00	20	1	0	0	8	10	0	1	0	0	0	0	0	0	0	32	68
20:00-21:00	20	0	2	1	10	6	0	1	0	0	0	0	0	0	0	31	85
21:00-22:00	7	0	0	1	3	2	0	1	0	0	0	0	0	0	0	31	75
22:00-23:00	9	0	0	2	3	4	0	0	0	0	0	0	0	0	0	--	71
23:00-24:00	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	--	67
TOTAL		4	38	83	197	134	67	18	5	0	0	0	0	0	0	--	50
% by Group		1	7	15	36	25	12	3	1	0	0	0	0	0	0		
% Equal or Less		1	8	23	59	84	96	99	100	100	100	100	100	100	100		

Daily Traffic 546
 AM Peak Hour (7:00- 8:00) 95
 PM Peak Hour (17:00-18:00) 50
 4th Highest Hour (8:00- 9:00) 40
 8th Highest Hour (14:00-15:00) 28

17.4% of Daily Total
 9.16% of Daily Total
 7.33% of Daily Total
 5.13% of Daily Total

100

P85=85th Percentile

Observations Over Posted Speed %
 Observations +10mph Over %

Pace (- MPH) %

P50- P70- P85- 32 P90-

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF TUALATIN
 Direction: NORTH BOUND
 Posted Speed: 25 MPH

Weather Condition: Unknown

Date: 10/15/97
 Day of Week: WEDNESDAY

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted		
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60				
00:00-01:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	--	0
01:00-02:00	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	100
02:00-03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
03:00-04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	--
04:00-05:00	4	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	--	100
05:00-06:00	6	0	1	0	3	1	1	0	0	0	0	0	0	0	0	0	--	67
06:00-07:00	33	0	2	8	5	11	5	0	0	0	0	0	0	0	0	0	34	67
07:00-08:00	98	0	3	10	32	28	17	2	0	0	0	0	0	0	0	0	34	79
08:00-09:00	34	0	0	5	13	11	3	2	0	0	0	0	0	0	0	0	32	76
09:00-10:00	28	0	1	5	6	9	4	3	0	0	0	0	0	0	0	0	35	71
10:00-11:00	24	1	0	3	5	12	2	1	0	0	0	0	0	0	0	0	32	79
11:00-12:00	30	1	4	6	13	2	4	0	0	0	0	0	0	0	0	0	31	53
12:00-13:00	25	0	1	7	7	9	0	1	0	0	0	0	0	0	0	0	31	60
13:00-14:00	19	0	1	2	7	7	3	1	0	0	0	0	0	0	0	0	--	74
14:00-15:00	41	0	1	7	13	13	5	1	1	0	0	0	0	0	0	0	33	73
15:00-16:00	38	0	3	5	10	12	7	1	0	0	0	0	0	0	0	0	33	74
16:00-17:00	37	2	1	4	9	10	10	1	0	0	0	0	0	0	0	0	34	76
17:00-18:00	42	0	2	4	14	14	6	2	0	0	0	0	0	0	0	0	33	76
18:00-19:00	43	0	1	7	15	12	4	2	0	0	1	0	0	0	0	0	34	72
19:00-20:00	23	0	1	3	8	5	4	0	0	0	0	0	0	0	0	1	34	73
20:00-21:00	21	0	2	1	11	5	2	0	0	0	0	0	0	0	0	0	31	71
21:00-22:00	14	0	0	1	2	6	3	1	0	0	0	0	0	0	0	0	--	93
22:00-23:00	3	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	--	100
23:00-24:00	4	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	--	75
TOTAL		4	24	79	180	172	81	24	1	1	0	0	0	0	4			
% by Group		1	4	14	32	30	14	4	0	0	0	0	0	0	1			
% Equal or Less		1	5	19	50	81	95	99	99	99	99	99	99	99	100			

Daily Traffic 571
 AM Peak Hour (7:00- 8:00) 98
 PM Peak Hour (18:00-19:00) 43
 4th Highest Hour (14:00-15:00) 41
 8th Highest Hour (6:00- 7:00) 33

Observations Over Posted Speed %
 Observations +10mph Over %

Pace (- MPH) %

P50- P70- P85- 33 P90-

P85=85th Percentile

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF TUALATIN
 Direction: NORTH BOUND
 Posted Speed: 25 MPH

Weather Condition: Unknown

Date: 10/16/97
 Day of Week: THURSDAY

Traffic Smithy
 Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted		
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60				
00:00-01:00	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	--	50
01:00-02:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	--	0
02:00-03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	0
03:00-04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	--	0
04:00-05:00	5	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	--	0
05:00-06:00	8	0	1	2	1	2	2	0	0	0	0	0	0	0	0	0	--	60
06:00-07:00	40	0	4	2	9	18	2	0	0	0	0	0	0	0	0	0	--	63
07:00-08:00	97	0	4	5	45	26	13	3	1	0	0	0	0	0	0	0	33	80
08:00-09:00	34	0	1	8	10	9	4	1	1	0	0	0	0	0	0	0	33	79
09:00-10:00	22	0	2	4	10	3	4	1	1	0	0	0	0	0	0	0	33	68
10:00-11:00	24	0	2	1	10	3	3	0	0	0	0	0	0	0	0	0	32	64
11:00-12:00	27	0	2	3	14	6	7	0	0	0	0	0	0	0	0	0	34	79
12:00-13:00	22	0	0	2	9	7	2	0	0	0	0	0	0	0	0	0	31	67
13:00-14:00	28	0	1	3	4	10	7	1	0	0	0	0	0	0	0	0	33	82
14:00-15:00	28	0	0	3	16	4	7	3	0	0	0	0	0	0	0	0	35	82
15:00-16:00	39	0	2	2	13	11	5	0	0	0	0	0	0	0	0	0	33	75
16:00-17:00	38	1	0	5	13	13	5	0	0	0	0	0	0	0	0	0	35	82
17:00-18:00	54	0	0	9	15	18	9	0	0	0	0	0	0	0	0	1	32	76
18:00-19:00	32	1	5	4	9	11	9	3	0	0	0	0	0	0	0	0	34	76
19:00-20:00	23	0	3	8	5	3	2	0	0	0	0	0	0	0	0	0	31	63
20:00-21:00	17	0	1	3	3	6	3	1	0	0	0	0	0	0	0	0	33	48
21:00-22:00	9	0	0	1	2	5	1	0	0	0	0	0	0	0	0	0	--	71
22:00-23:00	4	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	--	89
23:00-24:00	3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	--	100
TOTAL		3	29	67	192	161	81	18	4	1	0	0	0	0	1	--	100	
% by Group		1	5	12	34	29	15	3	1	0	0	0	0	0				
% Equal or Less		1	6	18	52	81	96	99	100	100	100	100	100	100	100			

Daily Traffic 557
 AM Peak Hour (7:00- 8:00) 97 17.41% of Daily Total
 PM Peak Hour (17:00-18:00) 54 9.69% of Daily Total
 4th Highest Hour (15:00-16:00) 39 7% of Daily Total
 8th Highest Hour (13:00-14:00) 28 5.03% of Daily Total

P85=85th Percentile

100

Observations Over Posted Speed %
 Observations +10mph Over %

Pace (- MPH) %

P50- P70- P85- 33 P90-

ROADWAY SPEED SURVEY

Roadway: WASHINGTON STREET
 Location: 100' NORTH OF TUALATIN
 Direction: NORTH BOUND
 Posted Speed: 25 MPH

Date: 10/17/97
 Day of Week: FRIDAY

Weather Condition: Unknown

Traffic Smithy
Traffic Survey Service

Time of Day	Volume	SPEED													P85	% Over Posted		
		<16	16-20	20-24	24-28	28-32	32-36	36-40	40-44	44-48	48-52	52-56	56-60	>60				
00:00-01:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	---	0
01:00-02:00	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	---	67
02:00-03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	---	---
03:00-04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	---	---
04:00-05:00	6	1	1	0	1	1	2	0	0	0	0	0	0	0	0	0	---	---
05:00-06:00	6	0	1	0	1	1	2	0	0	0	0	0	0	0	0	0	---	67
06:00-07:00	39	0	1	9	8	3	1	0	0	0	0	0	0	0	0	0	---	83
07:00-08:00	94	3	1	18	39	23	9	1	0	0	0	0	0	0	0	0	35	68
08:00-09:00	39	0	5	7	13	10	4	0	0	0	0	0	0	0	0	0	31	66
09:00-10:00	27	1	0	2	9	11	3	1	0	0	0	0	0	0	0	0	31	62
10:00-11:00	25	0	1	6	4	8	3	1	0	0	0	0	0	0	0	0	32	81
11:00-12:00	29	0	5	4	10	7	4	2	0	0	0	0	0	0	0	0	34	68
12:00-13:00	24	1	3	3	8	5	2	2	0	0	0	0	0	0	0	0	31	62
13:00-14:00	32	2	2	7	14	5	2	2	0	0	0	0	0	0	0	0	33	63
14:00-15:00	30	0	3	8	4	11	3	1	0	0	0	0	0	0	0	0	30	53
15:00-16:00	35	3	4	10	8	4	4	1	0	0	0	0	0	0	0	0	32	60
16:00-17:00	44	0	2	7	15	12	5	3	0	0	0	0	0	0	0	0	32	44
17:00-18:00	44	0	3	5	20	10	3	3	0	0	0	0	0	0	0	0	33	70
18:00-19:00	39	0	0	7	14	10	3	3	0	0	0	0	0	0	0	0	32	70
19:00-20:00	35	0	3	3	11	12	6	0	0	1	0	0	0	0	0	0	33	71
20:00-21:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	32	74
21:00-22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	---	---
22:00-23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	---	---
23:00-24:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	---	---
TOTAL		11	36	97	181	143	58	18	1	1	1	0	0	0	0	0	---	---
% by Group		2	7	18	33	26	11	3	0	0	0	0	0	0	0	0		
% Equal or Less		2	9	26	59	85	96	99	99	100	100	100	100	100	100	100		

Daily Traffic 552
 AM Peak Hour (7:00- 8:00) 94
 PM Peak Hour (17:00-18:00) 44
 4th Highest Hour (6:00- 7:00) 39
 8th Highest Hour (19:00-20:00) 35

17.03% of Daily Total
 7.97% of Daily Total
 7.07% of Daily Total
 6.34% of Daily Total

99

P85=85th Percentile

Observations Over Posted Speed
 Observations +10mph Over

%
%

Pace (- MPH) %

P50- P70- P85- 32 P90-