

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny

Site: 2018020
Date: 8/28/2018
Tuesday

Daily Volume

Begin	EBD	WBD	Combined	Begin	EBD	WBD	Combined
12:00 AM	3	5	12	12:00 PM	11	59	70
12:15 AM	1	4	5	12:15 PM	22	22	44
12:30 AM	0	0	0	12:30 PM	14	16	30
12:45 AM	1	1	2	12:45 PM	14	15	29
1:00 AM	0	0	1	1:00 PM	12	64	76
1:15 AM	0	3	3	1:15 PM	13	13	26
1:30 AM	0	1	1	1:30 PM	16	19	35
1:45 AM	0	1	1	1:45 PM	18	15	33
2:00 AM	2	2	4	2:00 PM	12	54	66
2:15 AM	0	1	1	2:15 PM	9	11	20
2:30 AM	0	0	0	2:30 PM	16	12	28
2:45 AM	0	0	0	2:45 PM	17	11	28
3:00 AM	0	1	1	3:00 PM	13	52	65
3:15 AM	1	0	1	3:15 PM	16	21	37
3:30 AM	0	1	1	3:30 PM	15	15	30
3:45 AM	0	1	1	3:45 PM	8	18	26
4:00 AM	1	3	4	4:00 PM	19	62	81
4:15 AM	0	1	1	4:15 PM	13	24	37
4:30 AM	1	0	1	4:30 PM	14	22	36
4:45 AM	1	0	1	4:45 PM	16	22	38
5:00 AM	1	14	15	5:00 PM	15	56	71
5:15 AM	2	0	2	5:15 PM	18	22	40
5:30 AM	2	0	2	5:30 PM	12	29	41
5:45 AM	9	0	9	5:45 PM	11	20	31
6:00 AM	5	37	42	6:00 PM	18	50	68
6:15 AM	5	2	7	6:15 PM	16	20	36
6:30 AM	9	1	10	6:30 PM	10	19	29
6:45 AM	18	5	23	6:45 PM	6	12	18
7:00 AM	14	72	86	7:00 PM	7	42	49
7:15 AM	20	9	29	7:15 PM	15	20	35
7:30 AM	18	5	23	7:30 PM	11	16	27
7:45 AM	20	8	28	7:45 PM	9	5	14
8:00 AM	17	60	77	8:00 PM	10	27	37
8:15 AM	8	7	15	8:15 PM	6	9	15
8:30 AM	16	10	26	8:30 PM	9	10	19
8:45 AM	19	11	30	8:45 PM	2	8	10
9:00 AM	18	63	81	9:00 PM	7	15	22
9:15 AM	14	12	26	9:15 PM	3	7	10
9:30 AM	9	13	22	9:30 PM	1	7	8
9:45 AM	22	6	28	9:45 PM	4	8	12
10:00 AM	15	54	69	10:00 PM	1	5	6
10:15 AM	10	18	28	10:15 PM	1	4	5
10:30 AM	15	7	22	10:30 PM	2	3	5
10:45 AM	14	8	22	10:45 PM	1	6	7
11:00 AM	8	59	67	11:00 PM	3	7	10
11:15 AM	26	15	41	11:15 PM	0	4	4
11:30 AM	11	14	25	11:30 PM	1	1	2
11:45 AM	14	19	33	11:45 PM	3	2	5

24 Hour Volume EBD 370 WBD 233 Combined 603
863 (49.9%) 867 (50.1%)

12:00 AM - 12:00 PM

Count EBD 370 WBD 233 Combined 603
61.4 % 38.6 %
Peak Hour Volume 7:15 AM 11:00 AM
Factor 75 123 0.84 0.75

12:00 PM - 12:00 AM

Count EBD 493 WBD 634 Combined 1127
43.7 % 56.3 %
Peak Hour Volume 1:00 PM 5:15 PM
Factor 64 96 0.83 0.90

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny
Site: 2018020
Date: 8/29/2018
Wednesday

Daily Volume									
Begin	EBD	WBD	Combined	Begin	EBD	WBD	Combined	Begin	EBD
12:00 AM	2	4	3	8	12	5	12	12:00 PM	14
12:15 AM	2	3	3	5	12	5	12	12:15 PM	16
12:30 AM	0	1	1	1	12:30 PM	9	19	12:30 PM	19
12:45 AM	0	1	1	1	12:45 PM	16	32	12:45 PM	16
1:00 AM	0	1	1	5	1:00 PM	8	70	1:00 PM	11
1:15 AM	0	1	1	1	1:15 PM	21	52	1:15 PM	8
1:30 AM	0	1	1	1	1:30 PM	20	15	1:30 PM	15
1:45 AM	1	1	1	2	1:45 PM	21	18	1:45 PM	18
2:00 AM	0	2	0	5	2:00 PM	21	64	2:00 PM	10
2:15 AM	2	2	2	4	2:15 PM	8	18	2:15 PM	18
2:30 AM	0	0	0	0	2:30 PM	19	22	2:30 PM	22
2:45 AM	0	1	1	1	2:45 PM	16	19	2:45 PM	19
3:00 AM	0	0	0	3	3:00 PM	11	61	3:00 PM	15
3:15 AM	0	0	0	0	3:15 PM	8	21	3:15 PM	21
3:30 AM	0	1	1	1	3:30 PM	19	23	3:30 PM	23
3:45 AM	0	2	2	2	3:45 PM	23	14	3:45 PM	14
4:00 AM	1	6	1	2	4:00 PM	16	59	4:00 PM	11
4:15 AM	2	1	1	3	4:15 PM	10	17	4:15 PM	17
4:30 AM	2	0	0	2	4:30 PM	19	21	4:30 PM	21
4:45 AM	1	0	0	1	4:45 PM	14	30	4:45 PM	30
5:00 AM	0	15	0	3	5:00 PM	12	56	5:00 PM	20
5:15 AM	1	0	0	1	5:15 PM	19	20	5:15 PM	20
5:30 AM	3	2	2	5	5:30 PM	14	26	5:30 PM	26
5:45 AM	11	1	1	12	5:45 PM	11	31	5:45 PM	31
6:00 AM	5	43	2	17	6:00 PM	24	74	6:00 PM	18
6:15 AM	9	3	3	12	6:15 PM	18	22	6:15 PM	22
6:30 AM	18	5	5	23	6:30 PM	14	29	6:30 PM	29
6:45 AM	11	7	7	18	6:45 PM	18	14	6:45 PM	14
7:00 AM	14	54	2	17	7:00 PM	10	44	7:00 PM	18
7:15 AM	13	4	4	17	7:15 PM	10	21	7:15 PM	21
7:30 AM	16	5	5	21	7:30 PM	9	17	7:30 PM	17
7:45 AM	11	6	6	17	7:45 PM	15	12	7:45 PM	12
8:00 AM	11	68	8	33	8:00 PM	5	29	8:00 PM	11
8:15 AM	21	6	6	19	8:15 PM	10	15	8:15 PM	15
8:30 AM	16	6	6	22	8:30 PM	6	19	8:30 PM	19
8:45 AM	20	13	13	33	8:45 PM	8	12	8:45 PM	12
9:00 AM	19	53	4	26	9:00 PM	4	15	9:00 PM	10
9:15 AM	12	4	4	24	9:15 PM	4	7	9:15 PM	7
9:30 AM	13	5	5	18	9:30 PM	2	6	9:30 PM	6
9:45 AM	9	5	5	14	9:45 PM	5	5	9:45 PM	5
10:00 AM	12	43	7	43	10:00 PM	1	10	10:00 PM	5
10:15 AM	11	8	8	19	10:15 PM	1	4	10:15 PM	4
10:30 AM	10	12	12	22	10:30 PM	5	5	10:30 PM	5
10:45 AM	10	16	16	26	10:45 PM	3	1	10:45 PM	1
11:00 AM	12	50	18	64	11:00 PM	0	4	11:00 PM	3
11:15 AM	13	10	10	23	11:15 PM	1	2	11:15 PM	2
11:30 AM	11	13	13	24	11:30 PM	1	3	11:30 PM	3
11:45 AM	14	23	23	37	11:45 PM	2	2	11:45 PM	2

24 Hour Volume									
EBD	WBD	Combined	EBD	WBD	Combined	EBD	WBD	Combined	EBD
339	223	562	537	701	1238	339	223	562	339
Count	Count	Count	Count	Count	Count	Count	Count	Count	Count
60.3 %	39.7 %	50.0 %	43.4 %	56.6 %	50.0 %	60.3 %	39.7 %	50.0 %	60.3 %
8:15 AM	11:00 AM	11:00 AM	1:15 PM	5:45 PM	5:45 PM	8:15 AM	11:00 AM	11:00 AM	1:15 PM
76	114	190	83	100	183	76	114	190	83
Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume	Volume
Factor	Factor	Factor	Factor	Factor	Factor	Factor	Factor	Factor	Factor
0.90	0.70	0.77	0.99	0.81	0.97	0.90	0.70	0.77	0.99

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555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny

Site: 2018020
Date: 8/30/2018
Thursday

Daily Volume

Begin	EBD	WBD	Combined	Begin	EBD	WBD	Combined
12:00 AM	3	4	7	12:00 PM	9	70	79
12:15 AM	0	2	2	12:15 PM	14	25	39
12:30 AM	0	2	2	12:30 PM	24	11	35
12:45 AM	1	0	1	12:45 PM	23	23	46
1:00 AM	0	0	0	1:00 PM	20	52	72
1:15 AM	0	0	0	1:15 PM	5	11	16
1:30 AM	0	0	0	1:30 PM	16	11	27
1:45 AM	1	0	1	1:45 PM	11	22	33
2:00 AM	2	1	3	2:00 PM	18	69	87
2:15 AM	0	0	0	2:15 PM	24	17	41
2:30 AM	0	0	0	2:30 PM	13	15	28
2:45 AM	0	2	2	2:45 PM	14	12	26
3:00 AM	4	2	6	3:00 PM	12	62	74
3:15 AM	0	1	1	3:15 PM	22	13	35
3:30 AM	1	0	1	3:30 PM	15	25	40
3:45 AM	2	0	2	3:45 PM	13	23	36
4:00 AM	0	0	0	4:00 PM	16	70	86
4:15 AM	0	0	0	4:15 PM	12	24	36
4:30 AM	1	0	1	4:30 PM	19	15	34
4:45 AM	1	2	3	4:45 PM	23	23	46
5:00 AM	2	0	2	5:00 PM	17	71	88
5:15 AM	3	2	5	5:15 PM	17	23	40
5:30 AM	4	0	4	5:30 PM	23	43	66
5:45 AM	9	2	11	5:45 PM	14	27	41
6:00 AM	6	1	7	6:00 PM	13	28	41
6:15 AM	9	2	11	6:15 PM	5	15	20
6:30 AM	12	3	15	6:30 PM	11	19	30
6:45 AM	17	7	24	6:45 PM	14	14	28
7:00 AM	16	4	20	7:00 PM	10	42	52
7:15 AM	17	4	21	7:15 PM	10	7	17
7:30 AM	21	9	30	7:30 PM	16	16	32
7:45 AM	18	12	30	7:45 PM	12	14	26
8:00 AM	14	5	19	8:00 PM	6	25	31
8:15 AM	11	5	16	8:15 PM	6	17	23
8:30 AM	7	7	14	8:30 PM	6	12	18
8:45 AM	24	7	31	8:45 PM	7	9	16
9:00 AM	21	11	32	9:00 PM	1	8	9
9:15 AM	16	11	27	9:15 PM	4	20	24
9:30 AM	11	8	19	9:30 PM	3	8	11
9:45 AM	14	11	25	9:45 PM	0	3	3
10:00 AM	14	15	29	10:00 PM	1	8	9
10:15 AM	15	9	24	10:15 PM	3	5	8
10:30 AM	11	14	25	10:30 PM	1	2	3
10:45 AM	11	11	22	10:45 PM	3	7	10
11:00 AM	8	13	21	11:00 PM	1	4	5
11:15 AM	15	16	31	11:15 PM	2	2	4
11:30 AM	16	17	33	11:30 PM	2	3	5
11:45 AM	20	15	35	11:45 PM	3	0	3

24 Hour Volume EBD 906 (50.1%) WBD 902 (49.9%) Combined 1808

12:00 AM - 12:00 PM

12:00 PM - 12:00 AM

Count EBD 378 WBD 237 Combined 615
Peak Hour Volume Factor 61.5 % 38.5 % 11:00 AM 12:00 AM 11:00 AM
72 61 120
0.86 0.90 0.86

EBD 528 WBD 665 Combined 1193
12:15 PM 5:15 PM 5:15 PM
81 98 165
0.84 0.88 0.96

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555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny

Site: 2018020
Date: 8/31/2018
Friday

Daily Volume

Begin	EBD	WBD	Combined	Begin	EBD	WBD	Combined
12:00 AM	1	4	5	12:00 PM	17	14	31
12:15 AM	2	3	5	12:15 PM	17	13	30
12:30 AM	0	0	0	12:30 PM	16	21	37
12:45 AM	1	2	3	12:45 PM	19	17	36
1:00 AM	0	0	0	1:00 PM	9	62	20
1:15 AM	1	1	2	1:15 PM	25	17	42
1:30 AM	0	0	0	1:30 PM	13	25	38
1:45 AM	0	0	0	1:45 PM	15	17	32
2:00 AM	0	0	0				
2:15 AM	0	0	0				
2:30 AM	0	0	0				
2:45 AM	0	1	1				
3:00 AM	1	2	3				
3:15 AM	0	0	0				
3:30 AM	0	2	2				
3:45 AM	1	1	2				
4:00 AM	1	4	5				
4:15 AM	1	0	1				
4:30 AM	0	0	0				
4:45 AM	2	1	3				
5:00 AM	2	12	15				
5:15 AM	0	2	2				
5:30 AM	3	0	3				
5:45 AM	7	1	8				
6:00 AM	4	31	35				
6:15 AM	5	1	6				
6:30 AM	9	3	12				
6:45 AM	13	2	15				
7:00 AM	7	44	51				
7:15 AM	13	4	17				
7:30 AM	11	4	15				
7:45 AM	13	4	17				
8:00 AM	16	64	80				
8:15 AM	10	9	19				
8:30 AM	20	4	24				
8:45 AM	18	11	29				
9:00 AM	15	71	86				
9:15 AM	17	15	32				
9:30 AM	19	11	30				
9:45 AM	20	15	35				
10:00 AM	17	58	75				
10:15 AM	18	11	29				
10:30 AM	10	13	23				
10:45 AM	13	18	31				
11:00 AM	17	62	79				
11:15 AM	13	14	27				
11:30 AM	16	15	31				
11:45 AM	16	13	29				

24 Hour Volume EBD 484 (56.6%) WBD 371 (43.4%) Combined 855

12:00 AM - 12:00 PM

Count EBD 353
59.9 %
Peak Hour 9:30 AM
Volume 74
Factor 0.93

WBD 236
40.1 %
10:45 AM
123
0.88

12:00 PM - 12:00 AM

EBD 131
49.2 %
12:00 PM
69
0.91

WBD 135
50.8 %
12:45 PM
70
0.70

Combined 266
12:45 PM
136
0.81

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Site: 2018020
Date: 8/23/2018
Thursday

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny

Daily Summary, per Channel

Volume	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	Peak Hour	Volume	Factor	(EBD)
	326			4:45 PM	82	0.85	

Speed	0 -	15 -	20 -	25 -	30 -	35 -	40 -	45 -	50 -	55 -	60 -	65 -	70 -	(EBD)
mph	< 15	< 20	< 25	< 30	< 35	< 40	< 45	< 50	< 55	< 60	< 65	< 70	< 200	
Count	14	13	50	104	117	25	1	0	0	1	0	0	1	
%	4.3	4.0	15.3	31.9	35.9	7.7	0.3	0.0	0.0	0.3	0.0	0.0	0.3	
Total	326													

Avg. Speed 28.4 mph

Percentile Speeds (mph) 10% 21.4 15% 23.3 50% 29.1 85% 33.2 90% 34.5

Pace Range (mph) 23.9 - 33.9 # in Pace 239 % in Pace 73.3

Speed Exceeded (mph) 45 55 65
Count 2 2 1
% 0.6 0.6 0.3

Classification	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	(EBD)
Count	5	64	1	16	0	0	2	0	0	0	0	0	
%	1.5	19.6	0.3	4.9	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	
Total	326												

Axle Statistics

Sensor A B
Total Hits 1614 1585
% Used 94.5 96.2

Avg. Axles Per Vehicle: 2.01.
Avg. Two-Axle Wheelbase: 9.5 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny

Site: 2018020
Date: 8/24/2018
Friday

Daily Summary, per Channel

Volume	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	Peak Hour	Volume	Factor	(EBD)
	913			8:00 AM	72	0.75	
				5:30 PM	70	0.73	

Speed	0 -	15 -	20 -	25 -	30 -	35 -	40 -	45 -	50 -	55 -	60 -	65 -	70 -	(EBD)
mph	< 15	< 20	< 25	< 30	< 35	< 40	< 45	< 50	< 55	< 60	< 65	< 70	< 200	
Count	54	58	131	318	274	66	8	0	0	1	0	0	3	
%	5.9	6.4	14.3	34.8	30.0	7.2	0.9	0.0	0.0	0.1	0.0	0.0	0.3	
Total	913													

Avg. Speed 27.6 mph

Percentile Speeds (mph)	10%	15%	50%	85%	90%
	17.7	21.4	28.2	33.2	34.5

Pace	Range (mph)	# in Pace	% in Pace
	23.3 - 33.3	619	67.8

Speed Exceeded (mph)	Count	%
45	4	0.4
55	4	0.4
65	3	0.3

Classification	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	(EBD)
Count	11	678	5	52	1	0	5	0	0	0	0	0	
%	1.2	74.3	0.5	5.7	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0	
Total	913												

Axle Statistics

Sensor	A	B
Total Hits	4064	3922
% Used	91.5	94.8

Avg. Axles Per Vehicle: 2.02
Avg. Two-Axle Wheelbase: 9.6 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Site: 2018020
Date: 8/25/2018
Saturday

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny

Daily Summary, per Channel

Volume		Peak Hour		Volume		Factor	
Day Total		12:00 AM - 12:00 PM		10:45 AM		0.9	
755		12:00 PM - 12:00 AM		1:30 PM		0.86	

Speed		30 -		40 -		50 -		60 -		70 -	
0 -		25 -		35 -		45 -		55 -		65 -	
< 15		< 20		< 25		< 30		< 35		< 40	
Count		20		87		262		278		76	
%		2.6		11.5		34.7		36.8		10.1	
Total		755									

Avg. Speed 29.1 mph

Percentile Speeds (mph)
10% 23.3
50% 29.6
90% 35.1

Pace Range (mph)
24.5 - 34.5
in Pace 567
% in Pace 75.1

Speed Exceeded (mph)
Count 45 55 65
% 3 3 2
0.4 0.4 0.3

Classification		Cars &		2 Axle		3 Axle		4 Axle		5 Axle		6 Axle		> 6 Axle	
Bike		Trailer		Long		Single		Double		Double		Multi		Multi	
Count		14		125		0		0		0		0		0	
%		1.9		16.6		0.0		0.0		0.0		0.0		0.0	
Total		755													

Axle Statistics

Sensor A B
Total Hits 3303 3247
% Used 95.6 97.3

Avg. Axles Per Vehicle: 2.02
Avg. Two-Axle Wheelbase: 9.4 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny
Site: 2018020
Date: 8/26/2018
Sunday

Daily Summary, per Channel

Volume	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	Peak Hour	Volume	Factor
	745			10:15 AM	91	0.78
				2:30 PM	61	0.85

Speed	0 -	15 -	20 -	25 -	30 -	35 -	40 -	45 -	50 -	55 -	60 -	65 -	70 -
mph	< 15	< 20	< 25	< 30	< 35	< 40	< 45	< 50	< 55	< 60	< 65	< 70	< 200
Count	24	25	107	306	228	52	2	0	0	0	0	0	1
%	3.2	3.4	14.4	41.1	30.6	7.0	0.3	0.0	0.0	0.0	0.0	0.0	0.1
Total	745												

Avg. Speed 28.0 mph

Percentile Speeds (mph)
10% 21.9
15% 23.9

Pace Range (mph)
23.9 - 33.9
in Pace 567
% in Pace 76.1

Speed Exceeded (mph)
Count 45
% 1
0.1

Classification	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
Count	4	129	3	16	0	0	0	0	0	0	0	0
%	0.5	17.3	0.4	2.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Total	745											

Axle Statistics

Sensor A
Total Hits 3153
% Used 95.5

Avg. Axles Per Vehicle: 2.01
Avg. Two-Axle Wheelbase: 9.4 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny

Site: 2018020
Date: 8/27/2018
Monday

Daily Summary, per Channel

Volume	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	Peak Hour 7:00 AM 4:45 PM	Volume 61 75	Factor 0.9 0.78	(EBD)
	811						

Speed	0 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	55 - 60	60 - 65	65 - 70	70 - 75	(EBD)
mph	< 15	< 20	< 25	< 30	< 35	< 40	< 45	< 50	< 55	< 60	< 65	< 70	< 75	
Count	25	29	103	324	258	62	6	2	1	1	0	0	0	
%	3.1	3.6	12.7	40.0	31.8	7.6	0.7	0.2	0.1	0.1	0.0	0.0	0.0	
Total	811													

Avg. Speed 28.4 mph

Percentile Speeds (mph) 10% 21.6 15% 23.6 50% 29.1 85% 33.2 90% 34.5

Pace Range (mph) 25.2 - 35.2 # in Pace 600 % in Pace 74.0

Speed Exceeded (mph) Count % 45 4 55 1 65 0 0.1 0.0

Classification	Cars & Trailer	2 Axle Long	Buses	6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	(EBD)
Count	6	146	1	39	0	0	0	0	0	0	0	0	
%	0.7	18.0	0.1	4.8	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	
Total	811												

Axle Statistics

Sensor A B
Total Hits 3514 3450
% Used 95.5 97.2

Avg. Axles Per Vehicle: 2.02
Avg. Two-Axle Wheelbase: 9.5 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Site: 2018020
Date: 8/28/2018
Tuesday

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny

Daily Summary, per Channel

Volume		Peak Hour		Volume		Factor	
Day Total		12:00 AM - 12:00 PM		75		0.94	
863		12:00 PM - 12:00 AM		64		0.89	

Speed		35 -		40 -		45 -		50 -		55 -		60 -		65 -		70 -	
0 -		15 -		20 -		25 -		30 -		35 -		40 -		45 -		50 -	
< 15		< 20		< 25		< 30		< 35		< 40		< 45		< 50		< 55	
Count		27		87		339		298		82		6		1		0	
%		3.1		10.1		39.3		34.5		9.5		0.7		0.1		0.0	
Total		863															

Avg. Speed 29.2 mph

Percentile Speeds (mph)
10% 23.3
15% 24.8

Pace Range (mph)
25.2 - 35.2
in Pace 657
% in Pace 76.1

Speed Exceeded (mph)
Count 45
% 4
0.5

Classification		Cars & Trailer		2 Axle Long		Buses		2 Axle 6 Tire		3 Axle Single		4 Axle Single		<5 Axl Double		5 Axle Double		>6 Axl Double		<6 Axl Multi		6 Axle Multi		>6 Axl Multi	
Count		16		638		154		4		0		0		0		0		0		0		0		0	
%		1.9		73.9		17.8		0.5		0.0		0.0		0.8		0.0		0.0		0.0		0.0		0.0	
Total		863																							

Axle Statistics

Sensor A B
Total Hits 3753 3640
% Used 93.4 96.3

Avg. Axles Per Vehicle: 2.03
Avg. Two-Axle Wheelbase: 9.5 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Site: 2018020
Date: 8/29/2018
Wednesday

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny

Daily Summary, per Channel

Volume		Peak Hour	Volume	Factor	(EBD)
Day Total	876	12:00 AM - 12:00 PM	76	0.9	
		12:00 PM - 12:00 AM	83	0.99	

Speed		0 -	15 -	20 -	25 -	30 -	35 -	40 -	45 -	50 -	55 -	60 -	65 -	70 -	(EBD)
mph	Count	< 15	< 20	< 25	< 30	< 35	< 40	< 45	< 50	< 55	< 60	< 65	< 70	< 75	
		37	21	120	338	285	67	5	1	1	0	0	0	0	1
%		4.2	2.4	13.7	38.6	32.5	7.6	0.6	0.1	0.1	0.0	0.0	0.0	0.1	
Total		876													

Avg. Speed 28.3 mph

Percentile Speeds (mph)	10%	15%	50%	85%	90%
	21.9	23.6	28.6	33.2	34.5

Pace	Range (mph)	# in Pace	% in Pace
	24.5 - 34.5	650	74.2

Speed Exceeded (mph)	45	55	65
Count	3	1	1
%	0.3	0.1	0.1

Classification		Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	(EBD)
Count		16	158	4	57	1	0	5	0	0	0	0	0	
%		1.8	18.0	0.5	6.5	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0	
Total		876												

Axle Statistics

Sensor	A	B
Total Hits	3866	3792
% Used	94.1	96.0

Avg. Axles Per Vehicle: 2.02
Avg. Two-Axle Wheelbase: 9.5 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny

Site: 2018020
Date: 8/30/2018
Thursday

Daily Summary, per Channel

Volume		Peak Hour		Volume		Factor	
Day Total		12:00 AM - 12:00 PM		72		0.86	
906		12:00 PM - 12:00 AM		81		0.84	

(EBD)

Speed		30 -		40 -		50 -		60 -		65 -		70 -	
0 -		20 -		25 -		30 -		35 -		40 -		45 -	
< 15		< 20		< 25		< 30		< 35		< 40		< 45	
48		35		114		368		277		53		7	
5.3		3.9		12.6		40.6		30.6		5.8		0.8	
Total		906											

(EBD)

Avg. Speed 27.8 mph

Percentile Speeds (mph) 10% 20.5 15% 23.0 50% 28.2 85% 33.2 90% 33.9

Pace Range (mph) 24.5 - 34.5 # in Pace 675 % in Pace 74.5

Speed Exceeded (mph) 45 55 65
Count 4 0 0
% 0.4 0.0 0.0

(EBD)

Classification

Cars &		2 Axle		3 Axle		4 Axle		<5 Axl		5 Axle		>6 Axl		6 Axle		>6 Axl	
Trailer		Long		Single		Single		Double		Double		Double		Multi		Multi	
Count		10		185		1		0		0		0		0		0	
%		1.1		20.4		0.1		0.0		0.0		0.0		0.0		0.0	
Total		906															

(EBD)

Axle Statistics

Sensor		A		B	
Total Hits		3951		3821	
% Used		92.9		96.1	

Avg. Axles Per Vehicle: 2.03
Avg. Two-Axle Wheelbase: 9.6 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Site: 2018020
Date: 8/31/2018
Friday

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny

Daily Summary, per Channel

Volume	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	Peak Hour	Volume	Factor
	484			9:30 AM	74	0.93
				12:00 PM	69	0.91

Speed	0 -	15 -	20 -	25 -	30 -	35 -	40 -	45 -	50 -	55 -	60 -	65 -	70 -
mph	< 15	< 20	< 25	< 30	< 35	< 40	< 45	< 50	< 55	< 60	< 65	< 70	< 70
Count	15	15	47	177	179	42	5	1	0	2	0	0	1
%	3.1	3.1	9.7	36.6	37.0	8.7	1.0	0.2	0.0	0.4	0.0	0.0	0.2
Total	484												

Avg. Speed 29.2 mph

Percentile Speeds (mph) 10% 23.0 15% 24.8 50% 29.6 85% 33.9 90% 35.1

Pace Range (mph) 25.2 - 35.2 # in Pace 372 % in Pace 76.9

Speed Exceeded (mph) 45 55 65
Count 4 3 1
% 0.8 0.6 0.2

Classification	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi
Count	5	89	0	28	1	0	2	0	0	0	0	0
%	1.0	18.4	0.0	5.8	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0
Total	484											

Axle Statistics

Sensor A B
Total Hits 1839 1794
% Used 93.8 96.2

Avg. Axles Per Vehicle: 2.02
Avg. Two-Axle Wheelbase: 9.6 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny

Site: 2018020
Date: 8/23/2018
Thursday

Daily Summary, per Channel

Volume	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	Peak Hour	Volume	Factor
	431			5:00 PM	95	0.85

Speed	0 -	15 -	20 -	25 -	30 -	35 -	40 -	45 -	50 -	55 -	60 -	65 -	70 -
mph	< 15	< 20	< 25	< 30	< 35	< 40	< 45	< 50	< 55	< 60	< 65	< 70	< 75
Count	17	41	150	169	42	7	4	0	0	0	1	0	0
%	3.9	9.5	34.8	39.2	9.7	1.6	0.9	0.0	0.0	0.0	0.2	0.0	0.0
Total	431												

Avg. Speed	24.8 mph
Percentile Speeds (mph)	10% 18.6 50% 25.2 90% 30.5
Pace	Range (mph) 19.6 - 29.6 # in Pace 325 % in Pace 75.4

Speed Exceeded (mph)	45 Count 1 % 0.2
Speed Exceeded (mph)	55 Count 1 % 0.2

Classification	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi
Count	5	86	2	12	0	0	0	0	0	0	0	0
%	1.2	20.0	0.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	431											

Axle Statistics	Sensor	A	B
Total Hits		1614	1585
% Used		94.5	96.2

Avg. Axles Per Vehicle: 2.01
Avg. Two-Axle Wheelbase: 9.5 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Site: 2018020
Date: 8/24/2018
Friday

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny

Daily Summary, per Channel

Volume	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	Peak Hour 10:15 AM 5:15 PM	Volume	Factor	(WBD)
	926				69 96	0.78 0.71	

Speed	0 -	15 -	20 -	25 -	30 -	35 -	40 -	45 -	50 -	55 -	60 -	65 -	70 -	(WBD)
mph	< 15	< 20	< 25	< 30	< 35	< 40	< 45	< 50	< 55	< 60	< 65	< 70	< 200	
Count	96	80	248	355	127	18	1	0	0	0	0	0	1	
%	10.4	8.6	26.8	38.3	13.7	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.1	
Total	926													

Avg. Speed 24.4 mph

Percentile Speeds (mph)
10% 14.3
15% 17.9

Pace Range (mph) 21.6 - 31.6
in Pace 632
% in Pace 68.3

Speed Exceeded (mph)
Count 45
% 0.1

Classification	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	(WBD)
Count	9	177	6	39	0	0	10	0	0	0	0	0	
%	1.0	19.1	0.6	4.2	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	
Total	926												

Axle Statistics

Sensor A
Total Hits 4064
% Used 91.5

Avg. Axles Per Vehicle: 2.02
Avg. Two-Axle Wheelbase: 9.6 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Site: 2018020
Date: 8/25/2018
Saturday

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny

Daily Summary, per Channel

Volume	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	Peak Hour	Volume	Factor	(WBD)
	811			11:00 AM	66	0.92	
				1:45 PM	82	0.79	

Speed	0 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	55 - 60	60 - 65	65 - 70	(WBD)
mph	< 15	< 20	< 25	< 30	< 35	< 40	< 45	< 50	< 55	< 60	< 65	< 70	
Count	25	57	255	323	131	20	0	0	0	0	0	0	
%	3.1	7.0	31.4	39.8	16.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	
Total	811												

Avg. Speed 25.6 mph

Percentile Speeds (mph) 10% 19.8 15% 21.2 50% 25.9 85% 30.0 90% 31.0

Pace Range (mph) 21.2 - 31.2 # in Pace 614 % in Pace 75.7

Speed Exceeded (mph) 45 55 65
Count 0 0 0
% 0.0 0.0 0.0

Classification	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	(WBD)
Count	13	154	1	19	0	0	4	0	0	0	0	0	
%	1.6	19.0	0.1	2.3	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	
Total	811												

Axle Statistics

Sensor A 3303 B 3247
Total Hits 95.6 97.3
% Used

Avg. Axles Per Vehicle: 2.02
Avg. Two-Axle Wheelbase: 9.4 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny

Site: 2018020
Date: 8/26/2018
Sunday

Daily Summary, per Channel

Volume	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	Peak Hour 10:30 AM 5:00 PM	Volume 50 77	Factor 0.89 0.8	(WBD)
	752						

Speed	0 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	55 - 60	60 - 65	65 - 70	70 - 75	(WBD)
mph	<15	<20	<25	<30	<35	<40	<45	<50	<55	<60	<65	<70	<75	
Count	30	56	245	301	105	13	2	0	0	0	0	0	0	
%	4.0	7.4	32.6	40.0	14.0	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	
Total	752													

Avg. Speed 25.3 mph

Percentile Speeds (mph)
10% 19.4
15% 20.9
50% 25.5
85% 30.0
90% 31.0

Pace Range (mph)
20.7 - 30.7
in Pace 565
% in Pace 75.1

Speed Exceeded (mph)
Count 45
% 0.0
55 65
0 0
0.0 0.0

Classification	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	(WBD)
Count	2	128	1	19	0	0	4	0	0	0	0	0	
%	0.3	17.0	0.1	2.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	
Total	752												

Axle Statistics

Sensor A B
Total Hits 3153 3100
% Used 95.5 97.1

Avg. Axles Per Vehicle: 2.01
Avg. Two-Axle Wheelbase: 9.4 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Site: 2018020
Date: 8/27/2018
Monday

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny

Daily Summary, per Channel

Volume	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	Peak Hour	Volume	Factor	(WBD)
	850			10:15 AM	51	0.91	
				5:00 PM	106	0.8	

Speed	0 -	15 -	20 -	25 -	30 -	35 -	40 -	45 -	50 -	55 -	60 -	65 -	70 -	(WBD)
mph	< 15	< 20	< 25	< 30	< 35	< 40	< 45	< 50	< 55	< 60	< 65	< 70	< 200	
Count	32	57	283	336	124	16	1	0	1	0	0	0	0	
%	3.8	6.7	33.3	39.5	14.6	1.9	0.1	0.0	0.1	0.0	0.0	0.0	0.0	
Total	850													

Avg. Speed 25.4 mph

Percentile Speeds (mph)
10% 19.6
15% 21.2
50% 25.5
85% 30.0
90% 31.0

Pace
Range (mph) 21.6 - 31.6
in Pace 649
% in Pace 76.4

Speed Exceeded (mph)
Count 45
% 0.1
55 0
65 0

Classification	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	(WBD)
Count	8	152	3	29	0	0	6	0	0	0	0	0	
%	0.9	17.9	0.4	3.4	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	
Total	850												

Axle Statistics

Sensor A B
Total Hits 3514 3450
% Used 95.5 97.2

Avg. Axles Per Vehicle: 2.02
Avg. Two-Axle Wheelbase: 9.5 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny

Site: 2018020
Date: 8/28/2018
Tuesday

Daily Summary, per Channel

Volume	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	Peak Hour	Volume	Factor	(WBD)
	867			11:00 AM	64	0.84	
				5:15 PM	96	0.83	

Speed	0 -	15 -	20 -	25 -	30 -	35 -	40 -	45 -	50 -	55 -	60 -	65 -	70 -	(WBD)
mph	< 15	< 20	< 25	< 30	< 35	< 40	< 45	< 50	< 55	< 60	< 65	< 70	< 200	
Count	49	46	239	375	132	22	2	1	0	0	0	0	1	
%	5.7	5.3	27.6	43.3	15.2	2.5	0.2	0.1	0.0	0.0	0.0	0.0	0.1	
Total	867													

Avg. Speed 25.7 mph

Percentile Speeds (mph)

10%	15%	85%	90%
19.2	21.4	30.5	31.6

Pace Range (mph)

21.6 - 31.6	# in Pace	% in Pace
	657	75.8

Speed Exceeded (mph)

45	55
Count	1
%	0.1

Classification	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi	(WBD)
Count	10	163	2	32	0	0	9	0	0	0	0	0	
%	1.2	18.8	0.2	3.7	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	
Total	867												

Axle Statistics

Sensor	A	B
Total Hits	3753	3640
% Used	93.4	96.3

Avg. Axles Per Vehicle: 2.03
Avg. Two-Axle Wheelbase: 9.5 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Site: 2018020
Date: 8/29/2018
Wednesday

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny

Daily Summary, per Channel

Volume	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	Peak Hour	Volume	Factor	(WBD)
	924			11:00 AM	64	0.7	
				5:45 PM	100	0.81	

Speed	0 -	15 -	20 -	25 -	30 -	35 -	40 -	45 -	50 -	55 -	60 -	65 -	70 -	(WBD)
mph	< 15	< 20	< 25	< 30	< 35	< 40	< 45	< 50	< 55	< 60	< 65	< 70	< 200	
Count	54	48	320	352	131	15	2	2	0	0	0	0	0	
%	5.8	5.2	34.6	38.1	14.2	1.6	0.2	0.2	0.0	0.0	0.0	0.0	0.0	
Total	924													

Avg. Speed 25.1 mph

Percentile Speeds (mph) 10% 19.2 15% 20.9 50% 25.5 85% 30.0 90% 31.0

Pace Range (mph) 21.2 - 31.2 # in Pace 700 % in Pace 75.8

Speed Exceeded (mph) 45 55 65
Count 2 0 0
% 0.2 0.0 0.0

Classification	Cars &	2 Axle	Long	Buses	6 Tire	3 Axle	4 Axle	<5 Axle	5 Axle	>6 Axle	6 Axle	>6 Axle	(WBD)
	Trailer					Single	Single	Double	Double	Double	Multi	Multi	
Count	20	691	171	2	34	0	0	6	0	0	0	0	
%	2.2	74.8	18.5	0.2	3.7	0.0	0.0	0.6	0.0	0.0	0.0	0.0	
Total	924												

Axle Statistics

Sensor A B
Total Hits 3866 3792
% Used 94.1 96.0

Avg. Axles Per Vehicle: 2.02
Avg. Two-Axle Wheelbase: 9.5 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny

Site: 2018020
Date: 8/30/2018
Thursday

Daily Summary, per Channel

Volume	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	Peak Hour	Volume	Factor	(WBD)
	902			11:00 AM	61	0.9	
				5:15 PM	98	0.88	

Speed	0 -	15 -	20 -	25 -	30 -	35 -	40 -	45 -	50 -	55 -	60 -	65 -	70 -	(WBD)
mph	< 15	< 20	< 25	< 30	< 35	< 40	< 45	< 50	< 55	< 60	< 65	< 70	< 200	
Count	75	65	303	333	108	14	3	1	0	0	0	0	0	
%	8.3	7.2	33.6	36.9	12.0	1.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	
Total	902													

Avg. Speed 24.4 mph

Percentile Speeds (mph) 10% 17.6 15% 19.6 50% 25.2 85% 29.6 90% 30.5

Pace Range (mph) 20.7 - 30.7 # in Pace 652 % in Pace 72.3

Speed Exceeded (mph) 45 55 65
Count 1 0 0
% 0.1 0.0 0.0

Classification	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	(WBD)
Count	12	185	5	35	1	0	0	0	0	0	0	0	
%	72.4	20.5	0.6	3.9	0.1	0.0	1.2	0.0	0.0	0.0	0.0	0.0	
Total	902												

Axle Statistics

Sensor A B
Total Hits 3951 3821
% Used 92.9 96.1

Avg. Axles Per Vehicle: 2.03
Avg. Two-Axle Wheelbase: 9.6 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of View Drive S
Weather: Sunny

Site: 2018020
Date: 8/31/2018
Friday

Daily Summary, per Channel

Volume	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	Peak Hour	Volume	Factor	(WBD)
	371			10:45 AM 12:45 PM	64 70	0.89 0.7	

Speed	0 -	15 -	20 -	25 -	30 -	35 -	40 -	45 -	50 -	55 -	60 -	65 -	70 -	(WBD)
mph	<15	<20	<25	<30	<35	<40	<45	<50	<55	<60	<65	<70	<200	
Count	13	30	102	152	63	10	1	0	0	0	0	0	0	
%	3.5	8.1	27.5	41.0	17.0	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	
Total	371													

Avg. Speed 25.9 mph

Percentile Speeds (mph) 10% 19.6 15% 21.6 50% 26.2 85% 30.5 90% 32.1

Pace Range (mph) 21.6 - 31.6 # in Pace 273 % in Pace 73.6

Speed Exceeded (mph) 45 55 65
Count 0 0 0
% 0.0 0.0 0.0

Classification	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi	(WBD)
Count	2	82	3	12	0	0	2	0	0	0	0	0	
%	0.5	22.1	0.8	3.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	
Total	371												

Axle Statistics

Sensor A B
Total Hits 1839 1794
% Used 93.8 96.2

Avg. Axles Per Vehicle: 2.02
Avg. Two-Axle Wheelbase: 9.6 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/23/2018
Thursday

Daily Volume

Begin	EBD	WBD	Combined	Begin	EBD	WBD	Combined
12:00 AM	-	-	-	12:00 PM	-	-	-
12:15 AM	-	-	-	12:15 PM	-	-	-
12:30 AM	-	-	-	12:30 PM	-	-	-
12:45 AM	-	-	-	12:45 PM	-	-	-
1:00 AM	-	-	-	1:00 PM	-	-	-
1:15 AM	-	-	-	1:15 PM	-	-	-
1:30 AM	-	-	-	1:30 PM	-	-	-
1:45 AM	-	-	-	1:45 PM	-	-	-
2:00 AM	-	-	-	2:00 PM	-	3	5
2:15 AM	-	-	-	2:15 PM	-	-	-
2:30 AM	-	-	-	2:30 PM	-	-	-
2:45 AM	-	-	-	2:45 PM	3	2	5
3:00 AM	-	-	-	3:00 PM	12	47	28
3:15 AM	-	-	-	3:15 PM	9	16	25
3:30 AM	-	-	-	3:30 PM	12	18	30
3:45 AM	-	-	-	3:45 PM	14	8	22
4:00 AM	-	-	-	4:00 PM	13	60	32
4:15 AM	-	-	-	4:15 PM	16	19	36
4:30 AM	-	-	-	4:30 PM	11	20	30
4:45 AM	-	-	-	4:45 PM	20	10	30
5:00 AM	-	-	-	5:00 PM	18	72	38
5:15 AM	-	-	-	5:15 PM	17	14	31
5:30 AM	-	-	-	5:30 PM	23	22	45
5:45 AM	-	-	-	5:45 PM	14	17	31
6:00 AM	-	-	-	6:00 PM	10	43	20
6:15 AM	-	-	-	6:15 PM	11	17	28
6:30 AM	-	-	-	6:30 PM	11	16	27
6:45 AM	-	-	-	6:45 PM	11	9	20
7:00 AM	-	-	-	7:00 PM	9	38	21
7:15 AM	-	-	-	7:15 PM	10	11	21
7:30 AM	-	-	-	7:30 PM	8	17	25
7:45 AM	-	-	-	7:45 PM	11	6	17
8:00 AM	-	-	-	8:00 PM	6	23	16
8:15 AM	-	-	-	8:15 PM	6	12	18
8:30 AM	-	-	-	8:30 PM	8	14	22
8:45 AM	-	-	-	8:45 PM	3	10	13
9:00 AM	-	-	-	9:00 PM	3	12	12
9:15 AM	-	-	-	9:15 PM	7	9	14
9:30 AM	-	-	-	9:30 PM	1	5	6
9:45 AM	-	-	-	9:45 PM	1	4	5
10:00 AM	-	-	-	10:00 PM	2	13	7
10:15 AM	-	-	-	10:15 PM	6	5	9
10:30 AM	-	-	-	10:30 PM	5	0	5
10:45 AM	-	-	-	10:45 PM	0	5	5
11:00 AM	-	-	-	11:00 PM	1	6	3
11:15 AM	-	-	-	11:15 PM	0	2	1
11:30 AM	-	-	-	11:30 PM	4	1	5
11:45 AM	-	-	-	11:45 PM	1	1	2
24 Hour Volume				Combined			
				705			

24 Hour Volume EBD 317 (45.0%) WBD 388 (55.0%) Combined 705

12:00 AM - 12:00 PM

EBD 0

WBD 0

Combined 0

12:00 PM - 12:00 AM

EBD 317

WBD 388

Combined 705

Count

Peak Hour

Volume

Factor

55.0 %

5:00 PM

145

0.81

45.0 %

4:45 PM

78

0.85

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/24/2018
Friday

Daily Volume									
	Begin	EBD	WBD	Combined		Begin	EBD	WBD	Combined
	12:00 AM	0	1	3	6	12:00 PM	10	60	70
	12:15 AM	0	0	0		12:15 PM	16	17	33
	12:30 AM	1	2	3		12:30 PM	13	17	30
	12:45 AM	0	0	0		12:45 PM	21	12	33
	1:00 AM	1	2	3	8	1:00 PM	7	51	58
	1:15 AM	0	1	1		1:15 PM	14	10	24
	1:30 AM	1	1	2		1:30 PM	15	12	27
	1:45 AM	1	1	2		1:45 PM	15	8	23
	2:00 AM	1	1	2	7	2:00 PM	12	41	53
	2:15 AM	2	1	3		2:15 PM	10	16	26
	2:30 AM	1	1	2		2:30 PM	12	12	24
	2:45 AM	0	0	0		2:45 PM	7	10	17
	3:00 AM	0	2	2	3	3:00 PM	9	45	54
	3:15 AM	0	1	1		3:15 PM	8	20	28
	3:30 AM	0	0	0		3:30 PM	16	14	30
	3:45 AM	2	0	2		3:45 PM	12	19	31
	4:00 AM	0	6	6	7	4:00 PM	14	57	71
	4:15 AM	0	0	0		4:15 PM	10	12	22
	4:30 AM	4	0	4		4:30 PM	13	18	31
	4:45 AM	2	0	2		4:45 PM	20	11	31
	5:00 AM	0	7	7	9	5:00 PM	7	49	56
	5:15 AM	1	0	1		5:15 PM	16	19	35
	5:30 AM	1	0	1		5:30 PM	9	14	23
	5:45 AM	5	2	7		5:45 PM	17	24	41
	6:00 AM	5	21	26	30	6:00 PM	16	43	59
	6:15 AM	2	4	6		6:15 PM	11	14	25
	6:30 AM	2	1	3		6:30 PM	8	12	20
	6:45 AM	12	2	14		6:45 PM	8	9	17
	7:00 AM	9	34	43	55	7:00 PM	10	33	43
	7:15 AM	8	5	13		7:15 PM	6	14	20
	7:30 AM	5	5	10		7:30 PM	10	14	24
	7:45 AM	12	10	22		7:45 PM	7	7	14
	8:00 AM	8	46	54	72	8:00 PM	6	32	38
	8:15 AM	13	8	21		8:15 PM	11	10	21
	8:30 AM	8	4	12		8:30 PM	8	6	14
	8:45 AM	17	7	24		8:45 PM	7	15	22
	9:00 AM	10	43	53	70	9:00 PM	9	19	28
	9:15 AM	9	7	16		9:15 PM	1	3	4
	9:30 AM	10	7	17		9:30 PM	3	7	10
	9:45 AM	14	4	18		9:45 PM	6	7	13
	10:00 AM	6	46	52	99	10:00 PM	2	8	10
	10:15 AM	15	11	26		10:15 PM	2	9	11
	10:30 AM	14	19	33		10:30 PM	2	3	5
	10:45 AM	11	11	22		10:45 PM	2	5	7
	11:00 AM	11	45	56	84	11:00 PM	1	5	6
	11:15 AM	16	8	24		11:15 PM	1	1	2
	11:30 AM	10	10	20		11:30 PM	2	4	6
	11:45 AM	8	10	18		11:45 PM	1	3	4
24 Hour Volume				Combined				1437	

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/25/2018
Saturday

Daily Volume

Begin	EBD	WBD	Combined	Begin	EBD	WBD	Combined
12:00 AM	1	3	4	12:00 PM	17	46	63
12:15 AM	1	6	7	12:15 PM	10	14	24
12:30 AM	0	1	1	12:30 PM	9	6	15
12:45 AM	1	1	2	12:45 PM	10	9	19
1:00 AM	0	2	2	1:00 PM	14	58	72
1:15 AM	1	3	4	1:15 PM	12	17	29
1:30 AM	1	1	2	1:30 PM	15	9	24
1:45 AM	0	0	0	1:45 PM	17	23	40
2:00 AM	0	1	1	2:00 PM	11	40	51
2:15 AM	0	1	1	2:15 PM	17	12	29
2:30 AM	0	1	1	2:30 PM	7	16	23
2:45 AM	1	3	4	2:45 PM	5	12	17
3:00 AM	0	2	2	3:00 PM	9	39	48
3:15 AM	2	0	2	3:15 PM	6	7	13
3:30 AM	0	0	0	3:30 PM	15	10	25
3:45 AM	0	1	1	3:45 PM	9	11	20
4:00 AM	0	3	3	4:00 PM	11	41	52
4:15 AM	2	0	2	4:15 PM	13	11	24
4:30 AM	1	0	1	4:30 PM	5	10	15
4:45 AM	0	0	0	4:45 PM	12	7	19
5:00 AM	0	1	1	5:00 PM	17	40	57
5:15 AM	0	0	0	5:15 PM	11	18	29
5:30 AM	1	0	1	5:30 PM	9	15	24
5:45 AM	0	1	1	5:45 PM	3	19	22
6:00 AM	4	1	5	6:00 PM	7	28	35
6:15 AM	2	1	3	6:15 PM	7	15	22
6:30 AM	5	4	9	6:30 PM	7	10	17
6:45 AM	2	2	4	6:45 PM	7	8	15
7:00 AM	7	26	33	7:00 PM	7	30	37
7:15 AM	8	4	12	7:15 PM	8	31	39
7:30 AM	7	2	9	7:30 PM	9	9	18
7:45 AM	4	3	7	7:45 PM	6	5	11
8:00 AM	5	6	11	8:00 PM	4	23	27
8:15 AM	5	2	7	8:15 PM	6	10	16
8:30 AM	8	5	13	8:30 PM	6	11	17
8:45 AM	12	11	23	8:45 PM	7	8	15
9:00 AM	8	51	59	9:00 PM	6	21	27
9:15 AM	15	11	26	9:15 PM	2	8	10
9:30 AM	14	14	28	9:30 PM	3	7	10
9:45 AM	14	8	22	9:45 PM	10	6	16
10:00 AM	12	48	60	10:00 PM	2	11	13
10:15 AM	7	14	21	10:15 PM	2	4	6
10:30 AM	14	13	27	10:30 PM	2	5	7
10:45 AM	15	9	24	10:45 PM	6	2	8
11:00 AM	13	50	63	11:00 PM	2	5	7
11:15 AM	8	11	19	11:15 PM	2	3	5
11:30 AM	17	14	31	11:30 PM	1	1	2
11:45 AM	12	7	19	11:45 PM	0	1	1
24 Hour Volume				Combined			
				1287			
				EBD 612 (47.6%)			
				WBD 675 (52.4%)			
				Combined 1287			

Count	EBD	WBD	Combined
230	230	478	860
53.9 %	46.1 %	55.6 %	
9:15 AM	8:45 AM	1:15 PM	
55	47	68	121
0.92	0.84	0.74	0.76

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/26/2018
Sunday

Daily Volume

Begin	EBD	WBD	Combined	Begin	EBD	WBD	Combined
12:00 AM	1	3	0	4	1	7	24
12:15 AM	2		2	4	10	8	18
12:30 AM	0		0	11	17	28	28
12:45 AM	0		0	9	20		
1:00 AM	1	4	1	14	49	15	29
1:15 AM	3	1	2	17		9	26
1:30 AM	0		2	10		21	21
1:45 AM	0		1	8		12	20
2:00 AM	0	1	0	13	46	11	24
2:15 AM	1	1	2	9	54	18	27
2:30 AM	0	0	0	11		7	18
2:45 AM	0	0	0	13		18	31
3:00 AM	1	2	1	8	38	14	22
3:15 AM	0	0	0	10		12	22
3:30 AM	0	0	0	8		20	28
3:45 AM	1		1	12		13	25
4:00 AM	1	2	2	12	47	16	28
4:15 AM	0	0	0	13		11	24
4:30 AM	1	0	1	13		16	29
4:45 AM	0	1	1	9		13	22
5:00 AM	0	1	1	12	46	8	20
5:15 AM	0	0	0	13		16	29
5:30 AM	1		3	9		18	27
5:45 AM	0	1	1	12		16	28
6:00 AM	2	7	2	8	34	9	17
6:15 AM	1	0	1	12		15	27
6:30 AM	1	0	1	10		16	26
6:45 AM	3	3	6	4		5	9
7:00 AM	1	17	2	7	27	10	17
7:15 AM	6	2	8	2		7	9
7:30 AM	7	2	9	11		9	20
7:45 AM	3	3	12	7		10	17
8:00 AM	7	32	3	4	22	8	12
8:15 AM	9	10	19	5		6	11
8:30 AM	8	2	10	9		7	16
8:45 AM	8	10	18	4		9	13
9:00 AM	9	41	8	2	15	1	3
9:15 AM	13	4	17	5		1	6
9:30 AM	9	9	18	3		6	9
9:45 AM	10	12	22	5		1	6
10:00 AM	14	56	10	3	8	2	5
10:15 AM	9	6	15	2		1	3
10:30 AM	19	10	29	3		4	7
10:45 AM	14	8	22	0		1	1
11:00 AM	18	46	12	4	5	1	5
11:15 AM	8	11	19	1		3	4
11:30 AM	14	5	19	0		2	2
11:45 AM	6	13	19	0		0	0

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny
Site: 2018021
Date: 8/27/2018
Monday

Daily Volume									
Begin	EBD	WBD	Combined	Begin	EBD	WBD	Combined	WBD	Combined
12:00 AM	1	2	3	12:00 PM	10	46	56	19	29
12:15 AM	1	2	3	12:15 PM	14	19	33	19	33
12:30 AM	0	0	0	12:30 PM	17	9	26	9	26
12:45 AM	0	0	0	12:45 PM	5	9	14	9	14
1:00 AM	0	0	0	1:00 PM	12	44	48	11	23
1:15 AM	0	0	0	1:15 PM	5	21	21	16	21
1:30 AM	0	0	0	1:30 PM	10	10	20	10	20
1:45 AM	0	0	0	1:45 PM	17	11	28	11	28
2:00 AM	1	2	2	2:00 PM	10	50	55	16	26
2:15 AM	0	0	0	2:15 PM	7	8	15	8	15
2:30 AM	0	1	1	2:30 PM	14	18	32	18	32
2:45 AM	1	2	3	2:45 PM	19	13	32	13	32
3:00 AM	0	0	0	3:00 PM	5	42	61	13	18
3:15 AM	0	0	0	3:15 PM	11	14	25	14	25
3:30 AM	0	1	1	3:30 PM	11	16	27	16	27
3:45 AM	0	0	0	3:45 PM	15	18	33	18	33
4:00 AM	0	4	4	4:00 PM	13	43	63	12	25
4:15 AM	3	0	3	4:15 PM	8	24	32	24	32
4:30 AM	0	0	0	4:30 PM	7	17	24	17	24
4:45 AM	1	0	1	4:45 PM	15	10	25	10	25
5:00 AM	1	10	11	5:00 PM	20	67	81	20	40
5:15 AM	1	0	1	5:15 PM	18	20	38	20	38
5:30 AM	3	0	3	5:30 PM	15	25	40	15	40
5:45 AM	5	1	6	5:45 PM	14	16	30	16	30
6:00 AM	1	25	26	6:00 PM	7	38	56	12	19
6:15 AM	7	2	9	6:15 PM	12	13	25	13	25
6:30 AM	7	2	9	6:30 PM	8	14	22	14	22
6:45 AM	10	1	11	6:45 PM	11	17	28	17	28
7:00 AM	8	38	46	7:00 PM	14	46	46	16	30
7:15 AM	10	4	14	7:15 PM	13	8	21	8	21
7:30 AM	9	6	15	7:30 PM	13	14	27	14	27
7:45 AM	11	5	16	7:45 PM	6	8	14	8	14
8:00 AM	5	35	40	8:00 PM	12	24	32	14	26
8:15 AM	11	5	16	8:15 PM	8	8	16	8	16
8:30 AM	5	4	9	8:30 PM	1	4	5	4	5
8:45 AM	14	2	16	8:45 PM	3	6	9	6	9
9:00 AM	9	38	47	9:00 PM	3	13	21	5	8
9:15 AM	10	7	17	9:15 PM	7	3	10	3	10
9:30 AM	11	10	21	9:30 PM	1	6	7	6	7
9:45 AM	8	1	9	9:45 PM	2	7	9	7	9
10:00 AM	8	24	32	10:00 PM	0	7	14	5	5
10:15 AM	6	10	16	10:15 PM	4	2	6	2	6
10:30 AM	3	13	16	10:30 PM	2	2	4	2	4
10:45 AM	7	11	18	10:45 PM	1	5	6	5	6
11:00 AM	16	48	64	11:00 PM	3	14	8	2	5
11:15 AM	7	14	21	11:15 PM	3	3	5	2	5
11:30 AM	13	10	23	11:30 PM	3	1	4	1	4
11:45 AM	12	9	21	11:45 PM	5	3	8	3	8
24 Hour Volume				Combined				1372	
				EBD				660 (48.1%)	
				WBD				712 (51.9%)	
				Combined				1372	

12:00 AM - 12:00 PM				12:00 PM - 12:00 AM			
Count	EBD	WBD	Combined	Count	EBD	WBD	Combined
226	226	171	397	541	434	541	975
56.9 %	56.9 %	43.1 %	11:00 AM	55.5 %	44.5 %	55.5 %	5:00 PM
48	48	48	91	81	68	81	148
0.75	0.75	0.86	0.88	0.81	0.85	0.81	0.93

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/28/2018
Tuesday

Daily Volume

Begin	EBD	WBD	Combined	Begin	EBD	WBD	Combined
12:00 AM	2	4	4	12:00 PM	16	59	28
12:15 AM	1	1	2	12:15 PM	18	15	33
12:30 AM	0	0	0	12:30 PM	11	11	22
12:45 AM	1	1	2	12:45 PM	14	10	24
1:00 AM	0	1	1	1:00 PM	8	48	20
1:15 AM	0	1	1	1:15 PM	13	11	24
1:30 AM	0	1	1	1:30 PM	13	17	30
1:45 AM	1	1	2	1:45 PM	14	12	26
2:00 AM	1	1	2	2:00 PM	11	43	28
2:15 AM	0	0	0	2:15 PM	7	8	15
2:30 AM	0	0	0	2:30 PM	10	9	19
2:45 AM	0	0	0	2:45 PM	15	10	25
3:00 AM	0	1	1	3:00 PM	8	43	20
3:15 AM	1	0	1	3:15 PM	14	16	30
3:30 AM	0	1	1	3:30 PM	12	15	27
3:45 AM	0	0	0	3:45 PM	9	11	20
4:00 AM	0	2	2	4:00 PM	16	57	27
4:15 AM	1	1	2	4:15 PM	14	13	27
4:30 AM	0	1	1	4:30 PM	16	15	31
4:45 AM	1	0	1	4:45 PM	11	15	26
5:00 AM	1	10	11	5:00 PM	14	52	32
5:15 AM	2	0	2	5:15 PM	13	17	30
5:30 AM	2	0	2	5:30 PM	9	20	29
5:45 AM	5	0	5	5:45 PM	16	18	34
6:00 AM	2	28	30	6:00 PM	11	35	27
6:15 AM	2	3	5	6:15 PM	12	15	27
6:30 AM	9	2	11	6:30 PM	7	19	26
6:45 AM	15	6	21	6:45 PM	5	11	16
7:00 AM	13	48	61	7:00 PM	6	35	17
7:15 AM	12	8	20	7:15 PM	12	14	26
7:30 AM	10	6	16	7:30 PM	6	16	16
7:45 AM	13	7	20	7:45 PM	7	6	13
8:00 AM	14	45	59	8:00 PM	4	16	29
8:15 AM	5	9	14	8:15 PM	6	8	12
8:30 AM	12	6	18	8:30 PM	4	6	10
8:45 AM	14	10	24	8:45 PM	2	9	11
9:00 AM	15	43	58	9:00 PM	5	14	8
9:15 AM	8	12	20	9:15 PM	3	5	8
9:30 AM	9	9	18	9:30 PM	1	8	9
9:45 AM	11	7	18	9:45 PM	5	2	7
10:00 AM	15	46	61	10:00 PM	1	5	6
10:15 AM	8	14	22	10:15 PM	1	3	4
10:30 AM	10	6	16	10:30 PM	1	3	4
10:45 AM	13	6	19	10:45 PM	2	5	7
11:00 AM	8	41	49	11:00 PM	3	6	6
11:15 AM	20	11	31	11:15 PM	0	1	1
11:30 AM	6	11	17	11:30 PM	1	1	2
11:45 AM	7	18	25	11:45 PM	2	2	4

24 Hour Volume EBD 270 WBD 204 Combined 474
683 (49.5%)
12:00 AM - 12:00 PM
1380

Count 57.0 %
Peak Hour 10:30 AM
Volume 51
Factor 0.64
12:00 PM - 12:00 AM
EBD 413 WBD 493 Combined 906
45.6 %
5:00 PM
125
0.92

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/29/2018
Wednesday

Daily Volume

Begin	EBD	WBD	Combined	Begin	EBD	WBD	Combined
12:00 AM	1	3	8	12:00 PM	8	38	20
12:15 AM	2			12:15 PM	12	15	27
12:30 AM	0			12:30 PM	8	15	23
12:45 AM	0			12:45 PM	10	9	19
1:00 AM	0	1	3	1:00 PM	5	48	15
1:15 AM	0			1:15 PM	12	2	14
1:30 AM	0			1:30 PM	17	15	32
1:45 AM	1			1:45 PM	14	16	30
2:00 AM	0	0	2	2:00 PM	17	52	25
2:15 AM	0			2:15 PM	5	9	14
2:30 AM	0			2:30 PM	16	13	29
2:45 AM	0			2:45 PM	14	17	31
3:00 AM	0	0	2	3:00 PM	10	50	22
3:15 AM	0			3:15 PM	8	16	24
3:30 AM	0			3:30 PM	15	20	35
3:45 AM	0			3:45 PM	17	11	28
4:00 AM	1	5	2	4:00 PM	14	46	22
4:15 AM	1			4:15 PM	6	11	17
4:30 AM	2			4:30 PM	13	13	26
4:45 AM	1			4:45 PM	13	23	36
5:00 AM	0	9	3	5:00 PM	11	16	27
5:15 AM	1			5:15 PM	20	18	38
5:30 AM	4			5:30 PM	11	14	25
5:45 AM	4			5:45 PM	11	25	36
6:00 AM	3	34	18	6:00 PM	14	52	29
6:15 AM	8			6:15 PM	16	16	32
6:30 AM	12			6:30 PM	6	24	30
6:45 AM	11			6:45 PM	16	11	27
7:00 AM	11	38	18	7:00 PM	10	37	27
7:15 AM	9			7:15 PM	11	15	26
7:30 AM	10			7:30 PM	8	15	23
7:45 AM	8			7:45 PM	8	9	17
8:00 AM	4	41	31	8:00 PM	6	27	15
8:15 AM	15			8:15 PM	9	10	19
8:30 AM	5			8:30 PM	7	15	22
8:45 AM	17			8:45 PM	5	9	14
9:00 AM	12	40	26	9:00 PM	2	14	10
9:15 AM	11			9:15 PM	6	7	13
9:30 AM	8			9:30 PM	2	5	7
9:45 AM	9			9:45 PM	4	5	9
10:00 AM	13	36	39	10:00 PM	1	9	7
10:15 AM	6			10:15 PM	2	3	5
10:30 AM	7			10:30 PM	3	3	6
10:45 AM	10			10:45 PM	3	2	5
11:00 AM	13	42	52	11:00 PM	0	5	2
11:15 AM	5			11:15 PM	0	1	1
11:30 AM	15			11:30 PM	1	1	2
11:45 AM	9			11:45 PM	4	1	5

24 Hour Volume EBD 680 (47.9%) WBD 741 (52.1%) Combined 1421

12:00 AM - 12:00 PM

Count EBD 249 WBD 204 Combined 453
Peak Hour 55.0 % 8:15 AM 45.0 % 11:00 AM 10:45 AM
Volume 49 52 94
Factor 0.72 0.76 0.84

12:00 PM - 12:00 AM

EBD 431 WBD 537 Combined 968
44.5 % 5:15 PM 55.5 % 5:45 PM
60 80 128
0.88 0.80 0.84

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/30/2018
Thursday

Daily Volume

Begin	EBD	WBD	Combined	Begin	EBD	WBD	Combined
12:00 AM	1	2	3	12:00 PM	3	47	50
12:15 AM	0	2	2	12:15 PM	11	15	26
12:30 AM	0	2	2	12:30 PM	19	7	26
12:45 AM	1	0	1	12:45 PM	14	21	35
1:00 AM	0	0	0	1:00 PM	16	14	30
1:15 AM	0	0	0	1:15 PM	5	9	14
1:30 AM	0	0	0	1:30 PM	14	8	22
1:45 AM	1	0	1	1:45 PM	9	18	27
2:00 AM	2	4	6	2:00 PM	17	52	69
2:15 AM	0	0	0	2:15 PM	20	11	31
2:30 AM	0	0	0	2:30 PM	8	14	22
2:45 AM	2	1	3	2:45 PM	7	12	19
3:00 AM	0	0	0	3:00 PM	12	17	29
3:15 AM	0	1	1	3:15 PM	14	9	23
3:30 AM	0	0	0	3:30 PM	11	15	26
3:45 AM	2	0	2	3:45 PM	12	21	33
4:00 AM	0	3	3	4:00 PM	8	53	61
4:15 AM	2	2	4	4:15 PM	12	17	29
4:30 AM	0	0	0	4:30 PM	16	9	25
4:45 AM	1	1	2	4:45 PM	17	19	36
5:00 AM	2	15	17	5:00 PM	14	58	72
5:15 AM	3	2	5	5:15 PM	17	16	33
5:30 AM	2	0	2	5:30 PM	19	19	38
5:45 AM	8	2	10	5:45 PM	8	24	32
6:00 AM	2	27	29	6:00 PM	6	34	40
6:15 AM	6	1	7	6:15 PM	4	10	14
6:30 AM	6	3	9	6:30 PM	10	17	27
6:45 AM	13	5	18	6:45 PM	14	8	22
7:00 AM	18	4	22	7:00 PM	10	33	43
7:15 AM	12	5	17	7:15 PM	6	8	14
7:30 AM	12	8	20	7:30 PM	10	15	25
7:45 AM	14	10	24	7:45 PM	7	11	18
8:00 AM	8	3	11	8:00 PM	7	24	31
8:15 AM	8	1	9	8:15 PM	7	13	20
8:30 AM	7	5	12	8:30 PM	5	9	14
8:45 AM	22	7	29	8:45 PM	5	8	13
9:00 AM	15	43	58	9:00 PM	2	8	10
9:15 AM	8	7	15	9:15 PM	3	7	10
9:30 AM	11	9	20	9:30 PM	3	2	5
9:45 AM	9	9	18	9:45 PM	0	2	2
10:00 AM	12	10	22	10:00 PM	1	7	8
10:15 AM	12	8	20	10:15 PM	2	4	6
10:30 AM	5	11	16	10:30 PM	1	2	3
10:45 AM	13	10	23	10:45 PM	3	6	9
11:00 AM	8	46	54	11:00 PM	0	7	7
11:15 AM	9	8	17	11:15 PM	2	1	3
11:30 AM	10	15	25	11:30 PM	2	0	2
11:45 AM	19	13	32	11:45 PM	3	0	3
24 Hour Volume				Combined			
				1419			

24 Hour Volume				12:00 AM - 12:00 PM				12:00 PM - 12:00 AM			
Count	EBD	WBD	Combined	Count	EBD	WBD	Combined	Count	EBD	WBD	Combined
60.5 %	286	187	473	39.5 %	416	530	946	56.0 %	44.0 %	56.0 %	946
7:00 AM	56	45	91	11:00 AM	67	81	148	5:15 PM	4:45 PM	5:15 PM	131
Volume	0.78	0.75	0.71		0.88	0.84	0.86				
Factor											

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/31/2018
Friday

Daily Volume

Begin	EBD	WBD	Combined	Begin	EBD	WBD	Combined
12:00 AM	1	4	8	12:00 PM	15	59	74
12:15 AM	2	3	5	12:15 PM	17	10	27
12:30 AM	0	1	1	12:30 PM	18	14	32
12:45 AM	1	2	3	12:45 PM	9	13	22
1:00 AM	0	1	1	1:00 PM	12	36	48
1:15 AM	1	1	2	1:15 PM	18	20	38
1:30 AM	0	0	0	1:30 PM	6	8	14
1:45 AM	0	0	0				
2:00 AM	0	0	1				
2:15 AM	0	0	0				
2:30 AM	0	0	0				
2:45 AM	0	1	1				
3:00 AM	0	1	2				
3:15 AM	0	0	0				
3:30 AM	0	2	2				
3:45 AM	1	0	1				
4:00 AM	1	3	4				
4:15 AM	0	0	0				
4:30 AM	0	0	0				
4:45 AM	2	1	3				
5:00 AM	2	9	11				
5:15 AM	0	2	2				
5:30 AM	3	0	3				
5:45 AM	4	1	5				
6:00 AM	4	24	28				
6:15 AM	3	1	4				
6:30 AM	5	1	6				
6:45 AM	12	3	15				
7:00 AM	9	39	48				
7:15 AM	10	4	14				
7:30 AM	11	5	16				
7:45 AM	9	5	14				
8:00 AM	11	42	53				
8:15 AM	11	9	20				
8:30 AM	6	6	12				
8:45 AM	14	10	24				
9:00 AM	12	45	57				
9:15 AM	8	8	16				
9:30 AM	14	8	22				
9:45 AM	11	14	25				
10:00 AM	14	37	51				
10:15 AM	7	11	18				
10:30 AM	7	11	18				
10:45 AM	9	18	27				
11:00 AM	11	52	63				
11:15 AM	9	12	21				
11:30 AM	18	7	25				
11:45 AM	14	12	26				
24 Hour Volume				Combined			
				632			

12:00 AM - 12:00 PM				12:00 PM - 12:00 AM			
EBD	WBD	Combined		EBD	WBD	Combined	
257	194	451		95	86	181	
57.0 %	43.0 %			52.5 %	47.5 %		
11:00 AM	10:30 AM	10:45 AM		12:00 PM	12:30 PM	12:30 PM	
52	52	95		59	57	114	
0.72	0.72	0.88		0.82	0.71	0.75	

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/23/2018
Thursday

Daily Summary, per Channel

Volume	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	Peak Hour	Volume	Factor	(EBD)
	317			4:45 PM	78	0.85	

Speed	0 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	55 - 60	60 - 65	65 - 70	70 - >200	(EBD)
mph	<15	<20	<25	<30	<35	<40	<45	<50	<55	<60	<65	<70	<200	
Count	3	10	49	93	104	47	9	2	0	0	0	0	0	
%	0.9	3.2	15.5	29.3	32.8	14.8	2.8	0.6	0.0	0.0	0.0	0.0	0.0	
Total	317													

Avg. Speed	29.8 mph													
Percentile Speeds (mph)	10%	15%	50%	85%	90%									
	22.4	24.2	30.0	35.1	36.5									

Pace	Range (mph)	# in Pace	% in Pace											
	23.9 - 33.9	209	65.9											
Speed Exceeded (mph)	45	55												
Count	2	0												
%	0.6	0.0												

Classification	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	(EBD)
Count	4	54	0	13	0	0	0	0	0	0	0	0	
%	1.3	17.0	0.0	4.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	
Total	317												

Axle Statistics

Sensor	A	B
Total Hits	1440	1432
% Used	98.7	99.2

Avg. Axles Per Vehicle: 2.02
Avg. Two-Axle Wheelbase: 9.4 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/25/2018
Saturday

Daily Summary, per Channel

Volume		Peak Hour	Volume	Factor	(EBD)
Day Total	612	9:15 AM 1:30 PM	55 60	0.92 0.88	

Speed	0 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	55 - 60	60 - 65	65 - 70	(EBD)
mph	<15	<20	<25	<30	<35	<40	<45	<50	<55	<60	<65	<70	
Count	3	15	76	175	212	106	22	3	0	0	0	0	
%	0.5	2.5	12.4	28.6	34.6	17.3	3.6	0.5	0.0	0.0	0.0	0.0	
Total	612												

Avg. Speed 30.6 mph

Percentile Speeds (mph)

10%	23.9
15%	24.8
50%	30.5
90%	37.2

Pace Range (mph) 26.6 - 36.6

# in Pace	409
% in Pace	66.8

Speed Exceeded (mph)

45	55
3	0
Count	0.0
%	0.0

Classification		Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi	(EBD)
Count	6	493	94	0	16	0	0	0	0	0	0	0	0	
%	1.0	80.6	15.4	0.0	2.6	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	
Total	612													

Axle Statistics

Sensor	A	B
Total Hits	2610	2618
% Used	99.2	98.9

Avg. Axles Per Vehicle: 2.01
Avg. Two-Axle Wheelbase: 9.4 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/26/2018
Sunday

Daily Summary, per Channel

Volume	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	Peak Hour	Volume	Factor	(EBD)
	588			10:15 AM	60	0.79	
				12:30 PM	51	0.75	

Speed	0 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	55 - 60	60 - 65	65 - 70	(EBD)
mph	<15	<20	<25	<30	<35	<40	<45	<50	<55	<60	<65	<70	
Count	3	17	97	187	191	79	13	1	0	0	0	0	
%	0.5	2.9	16.5	31.8	32.5	13.4	2.2	0.2	0.0	0.0	0.0	0.0	
Total	588												
Avg. Speed	29.5 mph												
Percentile Speeds (mph)	10% 22.4 15% 23.9 50% 29.6 85% 35.1 90% 36.5												
Pace	Range (mph) 23.9 - 33.9 # in Pace 402 % in Pace 68.4												
Speed Exceeded (mph)	45	55	65										
Count	1	0	0										
%	0.2	0.0	0.0										

Classification	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi	(EBD)
Count	2	88	0	8	0	0	0	0	0	0	0	0	
%	0.3	15.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total	588												

Axle Statistics

Sensor	A	B
Total Hits	2464	2469
% Used	98.9	98.7

Avg. Axles Per Vehicle: 2.00
Avg. Two-Axle Wheelbase: 9.3 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/27/2018
Monday

Daily Summary, per Channel

Volume		(EBD)			
Day Total	660	12:00 AM - 12:00 PM		Peak Hour	Factor
		12:00 PM - 12:00 AM		11:00 AM 4:45 PM	0.75 0.85
				Volume	
				48	
				68	

Speed		(EBD)												
mph	Count	0 -	15 -	20 -	25 -	30 -	35 -	40 -	45 -	50 -	55 -	60 -	65 -	70 -
		<15	<20	<25	<30	<35	<40	<45	<50	<55	<60	<65	<70	<200
	4	15	85	188	224	109	22	9	2	0	0	0	0	2
%	0.6	2.3	12.9	28.5	33.9	16.5	3.3	1.4	0.3	0.0	0.0	0.0	0.0	0.3
Total	660													

Avg. Speed		30.7 mph			
Percentile Speeds (mph)					
		</			

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Site: 2018021
Date: 8/28/2018
Tuesday

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Daily Summary, per Channel

Volume		Peak Hour		Volume		Factor		(EBD)
Day Total	683	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	10:30 AM	12:00 PM	0.64	0.82	

Speed		0 - 15		15 - 20		20 - 25		25 - 30		30 - 35		35 - 40		40 - 45		45 - 50		50 - 55		55 - 60		60 - 65		65 - 70		70 - 200		(EBD)
mph	< 15	4	13	72	183	257	37.6	18.4	3.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Count	0.6	1.9	10.5	26.8	37.6	18.4	3.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	683																											

Avg. Speed 30.9 mph

Percentile Speeds (mph)

10%	23.9
15%	25.5
50%	31.6
85%	36.5
90%	37.2

Pace Range (mph) 25.9 - 35.9

# in Pace	473
% in Pace	69.3

Speed Exceeded (mph)

Count	45	55	65
%	6	0	0
	0.9	0.0	0.0

Classification		Cars & Trailer		Bike		2 Axle Long		2 Axle Buses		2 Axle 6 Tire		3 Axle Single		4 Axle Single		<5 Axl Double		5 Axle Double		>6 Axl Double		<6 Axl Multi		6 Axle Multi		>6 Axl Multi		(EBD)
Count	7	519	123	1	28	1	4.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
%	1.0	76.0	18.0	0.1	4.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total	683																											

Axle Statistics

Sensor	A	B
Total Hits	2834	2835
% Used	98.6	98.5

Avg. Axles Per Vehicle: 2.02
Avg. Two-Axle Wheelbase: 9.5 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/29/2018
Wednesday

Daily Summary, per Channel

Volume	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	Peak Hour	Volume	Factor	(EBD)
	680			8:15 AM 1:15 PM	49 60	0.72 0.88	

Speed	0 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	55 - 60	60 - 65	65 - 70	(EBD)
mph	< 15	< 20	< 25	< 30	< 35	< 40	< 45	< 50	< 55	< 60	< 65	< 70	
Count	2	14	77	201	235	123	23	4	0	0	1	0	
%	0.3	2.1	11.3	29.6	34.6	18.1	3.4	0.6	0.0	0.0	0.1	0.0	
Total	680												

Avg. Speed 30.8 mph

Percentile Speeds (mph) 10% 23.6 15% 25.2 50% 31.0 85% 36.5 90% 37.2

Pace Range (mph) 25.2 - 35.2 # in Pace 465 % in Pace 68.4

Speed Exceeded (mph) 45 55 65
Count 5 1 0
% 0.7 0.1 0.0

Classification	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	< 5 Axle Double	5 Axle Double	> 6 Axle Double	< 6 Axle Multi	6 Axle Multi	> 6 Axle Multi	(EBD)
Count	517	113	3	36	0	0	5	0	0	0	0	0	
%	76.0	16.6	0.4	5.3	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	
Total	680												

Axle Statistics

Sensor A B
Total Hits 2914 2914
% Used 98.2 98.2

Avg. Axles Per Vehicle: 2.01
Avg. Two-Axle Wheelbase: 9.5 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/30/2018
Thursday

Daily Summary, per Channel

Volume		Peak Hour	Volume	Factor	(EBD)
Day Total	702	12:00 AM - 12:00 PM	56	0.78	
		12:00 PM - 12:00 AM	67	0.88	

Speed		0 - 15		15 - 20		20 - 25		25 - 30		30 - 35		35 - 40		40 - 45		45 - 50		50 - 55		55 - 60		60 - 65		65 - 70		70 - <200		(EBD)
mph																												
Count		5	14	84	224	241	112	16	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
%		0.7	2.0	12.0	31.9	34.3	16.0	2.3	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1				
Total		702																										

Avg. Speed 30.3 mph

Percentile Speeds (mph) 10% 23.6 15% 25.2 50% 30.0 85% 35.8 90% 37.2

Pace Range (mph) 25.2 - 35.2 # in Pace 485 % in Pace 69.1

Speed Exceeded (mph) 45 55 65
Count 6 1 1
% 0.9 0.1 0.1

Classification		Cars & Trailer		2 Axle Long		Buses		2 Axle 6 Tire		3 Axle Single		4 Axle Single		<5 Axl Double		5 Axle Double		>6 Axl Double		<6 Axl Multi		6 Axle Multi		>6 Axl Multi		(EBD)
Count	1	536	123	4	35	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0			
%	0.1	76.4	17.5	0.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
Total	702																									

Axle Statistics

Sensor A B
Total Hits 2905 2904
% Used 98.8 98.9

Avg. Axles Per Vehicle: 2.02
Avg. Two-Axle Wheelbase: 9.5 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/31/2018
Friday

Daily Summary, per Channel

Volume					Peak Hour	Volume		Factor	(EBD)
	Day Total	12:00 AM - 12:00 PM		12:00 PM - 12:00 AM	11:00 AM 12:00 PM	52 59	0.72 0.82		
	352								

Speed													(EBD)
	0 - 15	15 - 30	30 - 45	45 - 60	60 - 75	75 - 90	90 - 105	105 - 120	120 - 135	135 - 150	150 - 165	165 - 180	
mph	0	15	30	45	60	75	90	105	120	135	150	165	
Count	0	43	112	122	50	8	2.3	14.2	34.7	31.8	12.2	4.3	
%	0.0	4.3	31.8	34.7	14.2	2.3	0.0	0.0	0.6	0.0	0.0	0.0	
Total	352												

Avg. Speed	30.0 mph												
Percentile Speeds (mph)	10%	15%	50%	85%	90%								
	22.4	24.5	30.0	35.1	35.8								

Pace	Range (mph)	# in Pace	% in Pace	
	25.9 - 35.9	252	71.6	

Speed Exceeded (mph)	45	55	65	
Count	2	0	0	
%	0.6	0.0	0.0	

Classification													(EBD)
	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	
Count	0	61	0	19	0	0	2	0	0	0	0	0	
%	0.0	17.3	0.0	5.4	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	
Total	352												

Axle Statistics			
Sensor	A	B	
Total Hits	1293	1295	
% Used	98.5	98.4	

Avg. Axles Per Vehicle: 2.02
Avg. Two-Axle Wheelbase: 9.6 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/23/2018
Thursday

Daily Summary, per Channel

Volume	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	Peak Hour	Volume	Factor	(WBD)
	388			5:00 PM	73	0.83	

Speed	0 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	55 - 60	60 - 65	65 - 70	(WBD)
mph	< 15	< 20	< 25	< 30	< 35	< 40	< 45	< 50	< 55	< 60	< 65	< 70	
Count	3	9	55	171	114	31	4	1	0	0	0	0	
%	0.8	2.3	14.2	44.1	29.4	8.0	1.0	0.3	0.0	0.0	0.0	0.0	
Total	388												

Avg. Speed 28.8 mph

Percentile Speeds (mph) 10% 22.7 15% 24.2 50% 28.6 85% 33.2 90% 34.5

Pace Range (mph) 25.2 - 35.2 # in Pace 295 % in Pace 76.0

Speed Exceeded (mph) 45 55 65
Count 1 0 0
% 0.3 0.0 0.0

Classification	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	(WBD)
Count	4	71	0	14	0	0	0	0	0	0	0	0	
%	1.0	18.3	0.0	3.6	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	
Total	388												

Axle Statistics

Sensor A B
Total Hits 1440 1432
% Used 98.7 99.2

Avg. Axles Per Vehicle: 2.02
Avg. Two-Axle Wheelbase: 9.4 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/24/2018
Friday

Daily Summary, per Channel

Volume		Peak Hour		Volume		Factor		(WBD)
Day Total	736	12:00 AM - 12:00 PM	10:00 AM	53	82	0.7	0.82	
		12:00 PM - 12:00 AM	5:15 PM					

Speed		30.0 mph		30.0 mph		30.0 mph		(WBD)
Count	736	0 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	
		<15	<20	<25	<30	<35	<40	
		0	14	77	261	281	92	
		0.0	1.9	10.5	35.5	38.2	12.5	
Total	736							

Percentile Speeds (mph)		30.0 mph		30.0 mph		30.0 mph		(WBD)
		0 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	
		<15	<20	<25	<30	<35	<40	
		0	14	77	261	281	92	
		0.0	1.9	10.5	35.5	38.2	12.5	
Total	736							

Pace		Range (mph)		# in Pace		% in Pace		(WBD)
		25.9 - 35.9	45	55	65	75	85	
		<25.9	<45	<55	<65	<75	<85	
		0	1	2	3	4	5	
		0.0	0.1	0.0	0.0	0.0	0.0	
Total	736							

Speed Exceeded (mph)		Range (mph)		# in Pace		% in Pace		(WBD)
		25.9 - 35.9	45	55	65	75	85	
		<25.9	<45	<55	<65	<75	<85	
		0	1	2	3	4	5	
		0.0	0.1	0.0	0.0	0.0	0.0	
Total	736							

Classification		Cars & Trailer		2 Axle Long		Buses		2 Axle 6 Tire		3 Axle Single		4 Axle Single		<5 Axle Double		5 Axle Double		>6 Axle Double		<6 Axle Multi		6 Axle Multi		>6 Axle Multi		(WBD)
		Count	1	117	15.9	1	0.1	32	4.3	0	0.0	0	0.0	2	0.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
		%	0.1	15.9	2.1	0.1	0.1	4.3	5.8	0.0	0.0	0.0	0.0	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total	736																									

Axle Statistics

Sensor		A		B	
Total Hits	2918	Total Hits	2916	Total Hits	2916
% Used	99.2	% Used	99.2	% Used	99.2

Avg. Axles Per Vehicle: 2.01
Avg. Two-Axle Wheelbase: 9.5 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/25/2018
Saturday

Daily Summary, per Channel

Volume		Peak Hour	Volume	Factor	(WBD)
Day Total	675	12:00 AM - 12:00 PM	47	0.84	
		12:00 PM - 12:00 AM	68	0.74	

Speed		15 -		20 -		25 -		30 -		35 -		40 -		45 -		50 -		55 -		60 -		65 -		70 -		(WBD)
mph	Count	<15	<20	<25	<30	<35	<40	<45	<50	<55	<60	<65	<70	<75	<80	<85	<90	<95	<100	<105	<110	<115	<120	<125	<130	
		0	13	78	239	252	78	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
%		0.0	1.9	11.6	35.4	37.3	11.6	2.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total		675																								

Avg. Speed		29.9 mph										
Percentile Speeds (mph)		10%		15%		50%		85%		90%		
		23.9		25.2		30.0		34.5		35.8		

Pace		Range (mph)		# in Pace		% in Pace	
		25.2 - 35.2		505		74.8	
Speed Exceeded (mph)		45	55		65		
	Count	1	0		0		
	%	0.1	0.0		0.0		

Classification		Cars &		2 Axle		Buses		2 Axle		3 Axle		4 Axle		<5 Axl		5 Axle		>6 Axl		6 Axle		>6 Axl		(WBD)
Count	%	Bike	Trailer	Long	117	0	17	6 Tire	Single	0	0	0	Double	0	0.3	Double	0	Double	0	Multi	0	Multi	0	
79.0	0.9	6	533																					
Total		675																						

Axle Statistics

Sensor		A		B	
Total Hits		2610		2618	
% Used		99.2		98.9	

Avg. Axles Per Vehicle: 2.01
Avg. Two-Axle Wheelbase: 9.4 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/26/2018
Sunday

Daily Summary, per Channel

Volume	Peak Hour				Factor	(WBD)
	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	10:30 AM 2:45 PM		
	629			41 64	0.85 0.8	

Speed	(WBD)												
	0 -	15 -	20 -	25 -	30 -	35 -	40 -	45 -	50 -	55 -	60 -	65 -	70 -
mph	<15	<20	<25	<30	<35	<40	<45	<50	<55	<60	<65	<70	<75
Count	3	9	68	247	200	92	6	3	1	0	0	0	0
%	0.5	1.4	10.8	39.3	31.8	14.6	1.0	0.5	0.2	0.0	0.0	0.0	0.0
Total	629												

Avg. Speed 30.0 mph

Percentile Speeds (mph) 10% 24.5 15% 25.2 50% 29.6 85% 35.1 90% 35.8

Pace Range (mph) 25.2 - 35.2 # in Pace 469 % in Pace 74.6

Speed Exceeded (mph) 45 55 65
Count 4 0 0
% 0.6 0.0 0.0

Classification		(WBD)											
		Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi
Count	Bike	3	505	0	16	0	0	0	0	0	0	0	0
%		80.3	16.7	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total													
				</									

Axle Statistics

Sensor A 2464
Total Hits 2469
% Used 98.7

Avg. Axles Per Vehicle: 2.00
Avg. Two-Axle Wheelbase: 9.3 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/27/2018
Monday

Daily Summary, per Channel

Volume					Peak Hour 10:30 AM 5:00 PM	Volume 48 81	Factor 0.86 0.81	(WBD)
	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM					
	712							

Speed		(WBD)											
	0 -	15 -	20 -	25 -	30 -	35 -	40 -	45 -	50 -	55 -	60 -	65 -	70 -
mph	< 15	< 20	< 25	< 30	< 35	< 40	< 45	< 50	< 55	< 60	< 65	< 70	< 200
Count	1	10	79	253	273	85	9	0	1	0	0	0	1
%	0.1	1.4	11.1	35.5	38.3	11.9	1.3	0.0	0.1	0.0	0.0	0.0	0.1
Total	712												

Avg. Speed		30.0 mph											
Percentile Speeds (mph)		10%		15%		50%		85%		90%			
		24.5		25.5		30.0		34.5		35.1			

Pace		Range (mph)		# in Pace		% in Pace							
		25.2 - 35.2		551		77.4							

Speed Exceeded (mph)		45		55		65							
Count		2		1		1							
%		0.3		0.1		0.1							

Classification	(WBD)																							
	Cars & Trailer		2 Axle		Buses		2 Axle 6 Tire		3 Axle		4 Axle		<5 Axl		5 Axle		>6 Axl		<6 Axl		6 Axle		>6 Axl	
	<u>Bike</u>	<u>Trailer</u>	<u>Long</u>	<u>104</u>	<u>1</u>	<u>29</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Count	2	574	104		1	29	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
%	0.3	80.6	14.6		0.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	712																							

Axle Statistics

Sensor	A	B
Total Hits	2816	2816
% Used	98.4	98.4

Avg. Axles Per Vehicle: 2.02
Avg. Two-Axle Wheelbase: 9.5 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/28/2018
Tuesday

Daily Summary, per Channel

Volume		Peak Hour		Volume		Factor		(WBD)
Day Total	697	12:00 AM - 12:00 PM	11:00 AM	56	73	0.78	0.91	
		12:00 PM - 12:00 AM	5:00 PM					

Speed		15 -		20 -		25 -		30 -		35 -		40 -		45 -		50 -		55 -		60 -		65 -		70 -		(WBD)
mph	<15	<20	<25	<30	<35	<40	<45	<50	<55	<60	<65	<70	<75	<80	<85	<90	<95	<100	<105	<110	<115	<120	<125	<130	<135	
Count	0	12	59	241	274	89	16	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(WBD)
%	0.0	1.7	8.5	34.6	39.3	12.8	2.3	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total	697																									

Avg. Speed 30.4 mph

Percentile Speeds (mph)

10%	24.8
15%	25.9
50%	30.5
85%	35.1
90%	35.8

Pace Range (mph)

25.2 - 35.2	# in Pace	543
	% in Pace	77.9

Speed Exceeded (mph)

45	55
Count	0
%	0.0

Classification		Cars &		2 Axle		Long		Buses		2 Axle		3 Axle		4 Axle		<5 Axl		5 Axle		>6 Axl		<6 Axl		6 Axle		>6 Axl		(WBD)
Bike	6	Trailer	544	78.0	16.6	116	16.6	0	0.0	6 Tire	23	Single	0	Single	0	Double	8	Double	0	Double	0	Multi	0	Multi	0	Multi	0	
Count	0																											(WBD)
%	0.0																											
Total	697																											

Axle Statistics

Sensor	A	B
Total Hits	2834	2835
% Used	98.6	98.5

Avg. Axles Per Vehicle: 2.02
Avg. Two-Axle Wheelbase: 9.5 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/29/2018
Wednesday

Daily Summary, per Channel

Volume		Peak Hour		Volume	Factor	(WBD)
Day Total	741	12:00 AM - 12:00 PM		52	0.76	
		12:00 PM - 12:00 AM		80	0.8	

Speed		0 - 15		15 - 20		20 - 25		25 - 30		30 - 35		35 - 40		40 - 45		45 - 50		50 - 55		55 - 60		60 - 65		65 - 70		70 - < 200		(WBD)
mph	Count	1	8	54	263	299	98	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
%		0.1	1.1	7.3	35.5	40.4	13.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Total		741																										

Avg. Speed		30.5 mph		30.5 mph		30.5 mph		30.5 mph		30.5 mph		30.5 mph		30.5 mph		30.5 mph		
Percentile Speeds (mph)		10%		15%		50%		85%		90%		90%		90%		90%		
Pace		Range (mph)		# in Pace		# in Pace		# in Pace		# in Pace		# in Pace		# in Pace		# in Pace		
Speed Exceeded (mph)		45		55		65		75		85		95		105		115		
Count		0		0		0		0		0		0		0		0		
%		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		

Pace	Range (mph)	# in Pace	% in Pace
	25.9 - 35.9	582	78.5
Speed Exceeded (mph)	45	55	
Count	0	0	
%	0.0	0.0	

Axle Statistics		Sensor		A		B	
Total Hits		2914		2914		2914	
% Used		98.2		98.2		98.2	
Avg. Axles Per Vehicle:		2.01		2.01		2.01	
Avg. Two-Axle Wheelbase:		9.5 ft.		9.5 ft.		9.5 ft.	

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/30/2018
Thursday

Daily Summary, per Channel

Volume					Factor	(WBD)
	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	Peak Hour 11:00 AM 5:15 PM	Volume 45 81	
	717				0.75 0.84	

Speed														(WBD)
	0 - <u><15</u>	15 - <u><20</u>	20 - <u><25</u>	25 - <u><30</u>	30 - <u><35</u>	35 - <u><40</u>	40 - <u><45</u>	45 - <u><50</u>	50 - <u><55</u>	55 - <u><60</u>	60 - <u><65</u>	65 - <u><70</u>	70 - <u><200</u>	
mph														
Count	3	7	78	287	251	82	6	2	0	0	1	0	0	
%	0.4	1.0	10.9	40.0	35.0	11.4	0.8	0.3	0.0	0.0	0.1	0.0	0.0	
Total	717													

Avg. Speed 29.8 mph

Percentile Speeds (mph) 10% 24.2 15% 25.5 50% 29.6 85% 34.5 90% 35.1

Pace Range (mph) 25.2 - 35.2 # in Pace 560 % in Pace 78.1

Speed Exceeded (mph) 45 55 65
Count 3 1 0
% 0.4 0.1 0.0

Classification		(WBD)											
	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	
Count	2	130	1	28	1	0	7	0	0	0	0	0	
%	0.3	18.1	0.1	3.9	0.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	
Total	717												

Axle Statistics

Sensor A B
Total Hits 2905 2904
% Used 98.8 98.9

Avg. Axles Per Vehicle: 2.02
Avg. Two-Axle Wheelbase: 9.5 ft.

City of Salem, OR
555 Liberty St SE / Rm 325
Salem, OR 97301-3503

Street: SALEM HEIGHTS AVENUE S
Cross St: East of 6th Avenue S
Weather: Sunny

Site: 2018021
Date: 8/31/2018
Friday

Daily Summary, per Channel

Volume	Day Total	12:00 AM - 12:00 PM	12:00 PM - 12:00 AM	Peak Hour	Volume	Factor	(WBD)
	280			10:30 AM	52	0.72	
				12:30 PM	57	0.71	

Speed	0 -	15 -	20 -	25 -	30 -	35 -	40 -	45 -	50 -	55 -	60 -	65 -	70 -	(WBD)
mph	< 15	< 20	< 25	< 30	< 35	< 40	< 45	< 50	< 55	< 60	< 65	< 70	< 200	
Count	4	5	70	109	70	18	2	2	0	0	0	0	0	
%	1.4	1.8	25.0	38.9	25.0	6.4	0.7	0.7	0.0	0.0	0.0	0.0	0.0	
Total	280													

Avg. Speed 27.9 mph

Percentile Speeds (mph) 10% 22.2 15% 23.3 50% 27.8 85% 33.2 90% 33.9

Pace Range (mph) 23.3 - 33.3 # in Pace 207 % in Pace 73.9

Speed Exceeded (mph) 45 55 65
Count 2 0 0
% 0.7 0.0 0.0

Classification	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	< 5 Axle Double	5 Axle Double	> 6 Axle Double	< 6 Axle Multi	6 Axle Multi	> 6 Axle Multi	(WBD)
Count	0	197	2	15	0	0	1	0	0	0	0	0	
%	0.0	70.4	0.7	5.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	
Total	280												

Axle Statistics

Sensor A B
Total Hits 1293 1295
% Used 98.5 98.4

Avg. Axles Per Vehicle: 2.02
Avg. Two-Axle Wheelbase: 9.6 ft.

Amy Johnson

From: Nathan K. Riemersma <nathanr@sglaw.com>
Sent: Monday, August 05, 2019 5:00 PM
To: CityRecorder
Cc: Alan M. Sorem; Jennifer S. Marshall
Subject: Wren Heights Sub-ADJ 19-02
Attachments: 15128-20190805-Wren Heights Engineers Estimate.pdf

Good afternoon. Please accept the attached evidence on behalf of applicant in the above referenced matter.

Nathan K. Riemersma

Associate Attorney – Real Estate and Land Use



Park Place, Suite 200 | 250 Church Street SE | Salem, Oregon 97301

tel: 503.399.1070 | fax: 503.371.2927

[Email](#) | [Web](#)

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ENGINEER'S ESTIMATE

PROJECT: Wren Heights Suddivision - Salem Heights Frontage Improvements

DATE: 8/5/2019

PREPARED BY: PROJECT DELIVERY GROUP

DRAWINGS: 15128_Improvement Drawings_20190724



BID ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL COST
1	Storm Sewer Improvements - SD 10" D3034	487	LF	\$55	\$26,785
2	Storm Sewer Improvements - SDMH	2	EA	\$5,600	\$11,200
3	Storm Sewer Improvements - Type-2 Inlet	3	EA	\$2,500	\$7,500
5	Storm Sewer Improvements - Cleanout	1	EA	\$1,000	\$1,000
6	Sanitary Sewer Improvements - 4" PVC D3034 Lateral	111	LF	\$50	\$5,550
7	Waterline Improvements - 8" Hot Tap Saddle & Valve	1	EA	\$7,500	\$7,500
8	Waterline Improvements - 1" Service Line w/ Meter & Box	6	EA	\$1,700	\$10,200
9	Waterline Improvements - 8" DIP Water Main	52	LF	\$62	\$3,224
10	Waterline Improvements - 6" DIP Water Main	33	LF	\$55	\$1,815
11	Waterline Improvements - 6" Hydrant Assembly	1	EA	\$6,500	\$6,500
11	4" Sidewalk - To be built with street	2039	SF	\$6	\$12,234
12	4" Sidewalk - ADA Ramps	4	EA	\$1,500	\$6,000
15	6" Reinforced Concrete Driveway	368	SF	\$9	\$3,312
16	Asphalt - Street: 5"	472	TN	\$105	\$49,560
17	Base Rock	1125	TN	\$45	
18	Sawcut Existing Pavement	689	LF	\$2	\$1,378
19	Geotextile Fabric	617	SY	\$2	\$1,234
20	Curb and Gutter	457	LF	\$18	\$8,226
21	Streetlights	2	EA	\$3,500	\$7,000