



FIELD DATA AND SUMMARY SHEETS

Salem Capacity Data

Location: SB Commercial Street at Kuebler Road

Lane: Exclusive Thru

Cycle #	T ₄	T _{last}	Total Number	Number-4	Average Time Headway	Headway*Number
1	7.8	19.6	11	7	1.7	11.76
2	7.4	15.9	9	5	1.7	8.53
3	8.8	21.4	12	8	1.6	12.63
4	8.4	28.8	16	12	1.7	20.38
5	8.4	21.8	12	8	1.7	13.41
6	8.6	22.4	11	7	2.0	13.82
7	8.1	22.6	13	9	1.6	14.5
8	9.4	25.3	13	9	1.8	15.9
9	10.2	22.3	11	7	1.7	12.1
10	9.2	19.8	10	6	1.8	10.6
11	7.8	18.1	10	6	1.7	10.3
12	8.8	22.8	12	8	1.8	14
13	9.0	17.4	9	5	1.7	8.4
14	7.5	17.1	10	6	1.6	9.6
15	7.5	14.6	7	3	2.4	7.1
16	9.5	20.6	10	6	1.9	11.1
17	7.0	19.6	11	7	1.8	12.6
18	10.8	18.7	8	4	2.0	7.9
19	9.4	17.5	9	5	1.6	8.1
20	11.3	24.3	12	8	1.6	13
			<i>Total</i>	136		235.73

Average Time for 1st 4: 9.0

Average Time Headway: 1.73

Saturation Flow: 2077

Average Lost Time/Cycle: 2.05

Salem Capacity Worksheet

Initials: BES

Location: Commercial / Kubler

Time: 5:05pm

Date: 4.15.97

Approach: SB thru

Cycle Length: 120

Cycle #	T ₄	T _{last}	Number	Peds	Busses
1	7.84	19.60	11		
2	7.37	15.47	9		
3	8.77	21.37	12		
4	8.42	28.75	16		
5	8.39	21.84	12		
6	0	16.97	10		
7	8.58	22.38	11		
8	8.17	22.59	13		
9	9.39	25.34	13		
10	10.21	22.28	11		
11	9.17	19.81	10		
12	7.80	18.09	10		
13	8.77	22.78	12		
14	8.99	17.43	9		
15	7.46	17.09	10		
16	7.95	14.59	7		
17	9.52	20.59	10		
18	6.96	19.59	11		
19	10.83	18.66	8		
20	9.37	17.47	9		
21	11.33	24.31	12		
22					
23					
24					
25					
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Approach Driveway Spacing
(From stop bar)

Driveway #	Distance
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19	
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Salem Capacity Data

Location: SB Commercial Street at Kuebler Road

Lane: Shared Thru/Right

Cycle #	T ₄	T _{last}	Total Number	Number-4	Average Time Headway	Headway*Number
1	8.3	37.8	18	14	2.1	29.47
2	9.3	36.3	19	15	1.8	27
3	10.1	25.8	13	9	1.7	15.7
4	9.1	32.9	15	11	2.2	23.8
5	8.6	28.8	15	11	1.8	20.2
6	8.4	21.6	12	8	1.7	13.2
7	8.3	18.9	10	6	1.8	10.6
8	8.4	19.9	10	6	1.9	11.5
9	10.2	24.9	12	8	1.8	14.7
10	8.3	23.1	11	7	2.1	14.8
11	8.9	22.2	11	7	1.9	13.3
12	8.9	22.3	11	7	1.9	13.4
13	11.8	21.7	10	6	1.7	9.9
14	11.8	26.5	11	7	2.1	14.7
15	9.3	18.6	8	4	2.3	9.3
16	8.9	24.6	11	7	2.2	15.7
			<i>Total</i>	133		257.27

Average Time for 1st 4: 9.4

Average Time Headway: 1.93

Saturation Flow: 1861

Average Lost Time/Cycle: 1.65

Salem Capacity Worksheet

Initials: WFB

Location: Commercial/Kembler

Time: 5:05-6:00

Date: 4.15.97

Approach: NB Shared thru

Cycle Length: 120

Cycle #	T ₄	T _{last}	Number	Peds	Busses
1	8.33	37.8	18	3	1
2	9.3	36.3	19		
3	10.1	25.8	13		
4	9.1	32.9	15		
5	8.6	28.9	15		
6	8.4	21.6	12		
7	8.3	18.9	10		
8	8.4	19.9	10		
9	10.2	24.9	12		
10	12.2	14.15	5	1	
11	8.3	23.1	11		
12	8.9	22.2	11		
13	8.9	22.3	11		
14	7.6	11.5	5	1	
15	11.8	21.7	10		1
16	10.2	13.3	5		
17	12.1	32.8	13		
18	12.9	26.5	11		
19	10.9		4		
20	9.3	18.6	8		
21	8.9	24.6	11		
22					
23					
24					
25					
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Approach Driveway Spacing
(From stop bar)

Driveway #	Distance
1	122
2	156
3	288
4	
5	
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SHARIS RT
SHARIS RT IN
BOONE ST.

Salem Capacity Data

Location: NB Commercial Street at Madrona Avenue

Lane: Exclusive Thru

Cycle #	T ₄	T _{last}	Total Number	Number-4	Average Time Headway	Headway*Number
1	10.3	27.4	11	7	2.4	17.1
2	6.2	25.4	13	9	2.1	19.2
3	8.3	24.8	13	9	1.8	16.5
4	8.2	31.0	15	11	2.1	22.8
5	8.3	19.8	10	6	1.9	11.5
6	8.6	24.6	13	9	1.8	16
7	8.1	25.7	13	9	2.0	17.6
8	7.4	21.6	11	7	2.0	14.2
9	8.6	20.7	11	7	1.7	12.1
10	8.9	26.3	13	9	1.9	17.4
11	6.9	16.3	10	6	1.6	9.4
12	7.7	16.8	7	3	3.0	9.1
13	10.0	20.7	10	6	1.8	10.7
14	9.3	14.6	7	3	1.8	5.3
15	8.1	14.4	7	3	2.1	6.3
16	8.7	15.8	8	4	1.8	7.1
17	9.1	18.3	9	5	1.8	9.2
18	8.8	20.4	10	6	1.9	11.6
19	8.7	13.9	7	3	1.7	5.2
			<i>Total</i>	122		238.3

Average Time for 1st 4: 8.4

Average Time Headway: 1.95

Saturation Flow: 1843

Average Lost Time/Cycle: 0.62

Salem Capacity Worksheet

Initials: WFB

Location: commercial/madrona Time: 7:45

Date: 4.10.97

Approach: NTB thru

Cycle Length: ~ 130

Cycle #	T ₄	T _{last}	Number	Peds	Busses
1	10.3	27.4	11		
2	6.2	25.4	13		
3	8.3	24.8	13		
4	8.2	31.0	15		
5	8.3	19.8	10		
6	8.6	24.6	13		
7	8.1	25.7	13		
8	7.4	21.6	11		
9	8.6	20.7	11		
10	8.9	26.3	13		
11	6.9	16.3	10		
12	7.7	16.8	7		
13	6.1	8.3	5		
14	10.0	20.7	10		
15	9.3	14.6	7		
16	8.1	14.4	7		
17	8.7	15.8	8		
18	9.1	18.3	9		
19	8.8	20.4	10		
20	8.7	13.9	7		
21					
22					
23					
24					
25					
26					
27					
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30					
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35					
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37					
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39					
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Approach Driveway Spacing
(From stop bar)

Driveway #	Distance
1	14
2	116
3	210
4	258
5	370
6	535
7	590
8	785
9	958
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	

RT. POOL SHOP
CHEVRO
CHEVRO
B.K.
FURNITURE
FURNITURE
P.O.
P.O.
HARVEY AVE

Salem Capacity Data

Location: NB Commercial Street at Madrona Avenue
 Lane: Shared Thru/Right with Right Turn Pork Chop

Cycle #	T ₄	T _{last}	Total Number	Number-4	Average Time Headway	Headway*Number
1	9.5	17.4	8	4	2.0	7.91
2	6.9	16.6	10	6	1.6	9.67
3	8.9	19.5	10	6	1.8	10.64
4	7.1	22.1	12	8	1.9	14.98
5	7.1	20.3	12	8	1.7	13.25
6	8.1	22.0	11	7	2.0	13.9
7	8.5	25.9	13	9	1.9	17.4
8	8.9	19.0	10	6	1.7	10.1
9	8.2	20.4	11	7	1.7	12.2
10	7.6	17.0	9	5	1.9	9.4
11	9.8	15.4	8	4	1.4	5.6
12	8.1	25.4	14	10	1.7	17.3
13	4.3	19.4	11	7	2.2	15.1
14	8.4	13.4	7	3	1.7	5
15	7.2	10.5	6	2	1.7	3.3
16	9.3	15.2	7	3	2.0	5.9
17	8.4	14.7	7	3	2.1	6.3
18	8.7	18.0	9	5	1.9	9.3
19	11.0	18.2	8	4	1.8	7.2
			<i>Total</i>	<i>107</i>		<i>194.45</i>

Average Time for 1st 4: 8.4

Average Time Headway: 1.82

Saturation Flow: 1981

Average Lost Time/Cycle: 1.16

Salem Capacity Worksheet

Initials: BE

Location: Commercial/Madrona

Time: 7:40-8:20

Date: 4-10-97

Approach: NB thru/RT

Cycle Length: ~1320

Cycle #	T ₄	T _{last}	Number	Peds	Busses
1	9.49	17.43	8		
2	6.93	16.62	10		
3	8.86	19.50	10		
4	7.12	22.10	12		
5	7.05	20.28	12		
6	8.14	22.03	11		1
7	8.49	25.91	13		
8	8.90	18.97	10		
9	8.05	20.44	11		
10	7.61	17.00	9		
11	9.77	15.44	8		1
12	8.11	25.37	14		
13	7.33	19.37	11		
14	8.37	13.35	7		
15	7.15	10.53	6		
16	9.27	15.18	7		
17	8.40	14.69	7		
18	8.68	18.03	9		
19	10.98	18.16	8		1
20					
21					
22					
23					
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Approach Driveway Spacing
(From stop bar)

Driveway #	Distance
1	45' - CAR
2	150' - COMP DR.
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18	
19	
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WEST EAST
57' DRIVEWAY
150' PACK
332' BUSH ST.

Salem Capacity Data

Location: SB Commercial Street at Owens Street

Lane: Exclusive Thru

Cycle #	T ₄	T _{last}	Total Number	Number-4	Average Time Headway	Headway*Number
1	9.9	28.5	14	10	1.9	18.6
2	9.9	23.8	11	7	2.0	13.9
3	10.4	26.8	12	8	2.1	16.4
4	10.1	23.0	10	6	2.2	12.9
5	8.2	27.1	14	10	1.9	18.9
6	12.4	31.7	14	10	1.9	19.3
7	10.2	22.4	10	6	2.0	12.2
8	10.8	21.1	9	5	2.1	10.3
9	10.0	26.9	12	8	2.1	16.9
10	10.0	22.0	10	6	2.0	12
11	8.2	18.0	9	5	2.0	9.8
12	10.1	28.7	13	9	2.1	18.6
13	8.2	16.4	7	3	2.7	8.2
14	10.2	20.2	9	5	2.0	10
15	8.2	24.0	13	9	1.8	15.8
			<i>Total</i>	<i>107</i>		<i>213.8</i>

Average Time for 1st 4: 9.8

Average Time Headway: 2.00

Saturation Flow: 1802

Average Lost Time/Cycle: 1.79

Salem Capacity Worksheet

Initials: BES

Location: Commercial / Owens

Time: 5:10

Date: 4-16-97

Approach: SB thru

Cycle Length: 130

Cycle #	T ₄	T _{last}	Number	Peds	Busses
1	9.97	24.54	14		
2	9.92	23.94	11		
3	10.43	26.82	12		
4	10.05	23.03	10		
5	8.24	27.10	14		
6	12.37	31.72	14		
7	10.17	22.40	10		
8	10.77	21.07	9		
9	9.95	26.87	12		
10	10.01	22.00	10		
11	8.21	18.00	9		
12	10.06	28.66	13		
13	8.24	16.41	7		
14	10.18	20.16	9		
15	9.17	23.97	13		
16					
17					
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19					
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37					
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Approach Driveway Spacing
(From stop bar)

Driveway #	Distance
1	
2	
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19	
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Salem Capacity Data

Location: SB Commercial Street at Owens Street

Lane: Shared Thru/Left

Cycle #	T ₄	T _{last}	Total Number	Number-4	Average Time Headway	Headway*Number
1	9.8	26.7	13	9	1.9	16.9
2	10.5	28.1	13	9	2.0	17.6
3	6.9	22.1	11	7	2.2	15.2
4	10.6	26.2	12	8	2.0	15.6
5	9.6	29.5	14	10	2.0	19.9
6	8.8	33.9	17	13	1.9	25.1
7	10.6	22.0	10	6	1.9	11.4
8	9.2	29.5	13	9	2.3	20.3
9	8.9	22.9	11	7	2.0	14
10	8.6	23.2	11	7	2.1	14.6
11	9.9	24.5	11	7	2.1	14.6
12	13.3	26.7	11	7	1.9	13.4
13	11.0	27.3	13	9	1.8	16.3
14	9.9	18.9	9	5	1.8	9
			<i>Total</i>	113		223.9

Average Time for 1st 4: 9.8

Average Time Headway: 1.98

Saturation Flow: 1817

Average Lost Time/Cycle: 1.90

Salem Capacity Worksheet

Initials: WFB

Location: Commercial / Owens

Time: 505

Date: 4.10.97

Approach: SPB thru / left

Cycle Length: 130

Cycle #	T ₄	T _{last}	Number	Peds	Busses
1	9.8	26.7	13		
2	10.5	28.1	13		
3	6.9	22.1	11		
4	10.6	26.2	12		
5	9.6	29.5	14		
6	8.8	33.9	17		
7	10.6	22.0	10		
8	9.2	29.5	13		
9	8.9	22.9	11		
10	8.6	23.2	11	1	
11	9.9	24.5	11		
12	10.7	15.2	6		
13	7.6	-	4		
14	13.3	26.7	11		
15	11.0	27.3	13		
16	9.9	18.9	9	3	
17					
18					
19					
20					
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24					
25					
26					
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36					
37					
38					
39					
40					

Approach Driveway Spacing
(From stop bar)

Driveway #	Distance
1	45
2	158
3	
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10	
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19	
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Salem Capacity Data

Location: NB Commercial Street at Hoyt Street

Lane: Exclusive Thru

Cycle #	T ₄	T _{last}	Total Number	Number-4	Average Time Headway	Headway*Number
1	8.2	25.0	14	10	1.7	16.76
2	9.2	26.7	15	11	1.6	17.5
3	10.8	20.7	10	6	1.7	9.9
4	7.8	26.9	15	11	1.7	19.1
5	9.3	25.1	12	8	2.0	15.8
6	11.2	28.7	14	10	1.8	17.5
7	7.3	21.6	12	8	1.8	14.3
8	11.2	26.5	14	10	1.5	15.3
9	9.2	24.4	13	9	1.7	15.2
10	8.2	19.3	10	6	1.9	11.1
11	8.5	15.8	9	5	1.5	7.3
12	8.5	21.6	11	7	1.9	13.1
13	8.9	26.7	14	10	1.8	17.8
14	9.1	23.2	12	8	1.8	14.1
15	9.0	21.0	12	8	1.5	12
16	9.1	19.2	9	5	2.0	10.1
17	9.2	21.5	12	8	1.5	12.3
18	9.7	22.2	11	7	1.8	12.5
			<i>Total</i>	<i>147</i>		<i>251.66</i>

Average Time for 1st 4: 9.0

Average Time Headway: 1.71

Saturation Flow: 2103

Average Lost Time/Cycle: 2.19

Salem Capacity Worksheet

Initials: BES

Location: Commercial/Hoyt

Time: 7:30

Date: 4.17.97

Approach: NB Hwy

Cycle Length: 145

Cycle #	T ₄	T _{last}	Number	Peds	Busses
1	8.24	25.00	14		
2	9.17	26.72	15		
3	10.77	20.65	10		
4	7.80	26.91	15		
5	9.27	25.06	12		
6	11.21	28.72	14		
7	7.33	21.56	12		
8	11.21	26.47	14		
9	9.24	24.35	13		
10	8.17	19.31	10		
11	8.46	15.78	9		
12	8.46	21.57	11		
13	8.92	26.72	14		
14	9.08	23.22	12		
15	9.02	20.97	12		
16	9.06	19.19	9		
17	9.21	21.50	12		
18	9.65	22.16	11		
19					
20					
21					
22					
23					
24					
25					
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36					
37					
38					
39					
40					

Approach Driveway Spacing
(From stop bar)

Driveway #	Distance
1	66'
2	156'
3	206'
4	313'
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	

STRIP MALL
OIL LUBE
CAR RENTAL
JUDSON ST.

Salem Capacity Data

Location: NB Commercial Street at Hoyt Street

Lane: Shared Thru/Right

Cycle #	T ₄	T _{last}	Total Number	Number-4	Average Time Headway	Headway*Number
1	8.2	23.1	11	7	2.1	14.9
2	7.6	26.5	14	10	1.9	18.9
3	9.5	27.6	14	10	1.8	18.1
4	11.0	24.6	12	8	1.7	13.6
5	10.1	26.3	14	10	1.6	16.2
6	10.4	18.9	9	5	1.7	8.5
7	11.1	25.3	11	7	2.0	14.2
8	11.1	29.3	13	9	2.0	18.2
9	8.8	23.4	12	8	1.8	14.6
10	10.8	30.1	13	9	2.1	19.3
11	8.6	18.7	10	6	1.7	10.1
12	9.5	26.8	12	8	2.2	17.3
13	9.3	24.8	11	7	2.2	15.5
14	8.6	22.1	12	8	1.7	13.5
15	11.6	25.2	12	8	1.7	13.6
16	9.2	17.3	8	4	2.0	8.1
17	8.9	20.6	10	6	2.0	11.7
			<i>Total</i>	<i>130</i>		<i>246.3</i>

Average Time for 1st 4: 9.6

Average Time Headway: 1.89

Saturation Flow: 1900

Average Lost Time/Cycle: 2.00

Salem Capacity Worksheet

Initials: _____

Location: Commercial / Hoyt

Time: 730-830

Date: 4.17.

Approach: NB - Wku / RT

Cycle Length: 145

Cycle #	T ₄	T _{last}	Number	Peds	Busses
1	8.2	23.09	11		
2	7.6	26.5	14		
3	9.5	27.6	14		
4	11.0	24.6	12		
5	10.1	26.3	14		
6	10.4	18.9	9		
7	11.1	25.3	11		
8	11.1	29.3	13		
9	9.8	23.4	12		
10	10.8	30.1	13		
11	8.6	13.4	7		2
12	8.6	18.7	10		
13	8.4	13.2	7		
14	9.5	26.8	12	1	
15	9.3	24.8	11		
16	9.6	22.1	12		
17	11.6	25.2	12		
18	9.2	17.3	8		
19	8.9	20.6	10	2	1
20					1
21					
22					
23					
24					
25					
26					
27					
28					
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39					
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Approach Driveway Spacing
(From stop bar)

Driveway #	Distance
1	66
2	156
3	206
4	313
5	
6	
7	
8	
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10	
11	
12	
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16	
17	
18	
19	
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Salem Capacity Data

Location: WB Ferry Street at Liberty Street

Lane: Exclusive Thru

Cycle #	T ₄	T _{last}	Total Number	Number-4	Average Time Headway	Headway*Number
1	9.7	17.3	8	4	1.9	7.65
2	9.3	19.4	8	4	2.5	10.1
3	12.0	23.8	10	6	2.0	11.8
4	10.6	20.4	10	6	1.6	9.8
5	13.3	24.7	10	6	1.9	11.4
6	9.0	16.6	8	4	1.9	7.6
7	10.4	21.6	9	5	2.2	11.2
8	11.2	20.3	9	5	1.8	9.1
9	11.6	24.8	10	6	2.2	13.2
10	10.1	22.6	10	6	2.1	12.5
11	9.0	21.9	10	6	2.2	12.9
12	7.9	17.7	8	4	2.5	9.8
13	9.0	20.5	9	5	2.3	11.5
14	8.9	19.0	10	6	1.7	10.1
15	9.4	17.9	7	3	2.8	8.5
16	9.2	18.3	8	4	2.3	9.1
17	9.6	21.1	9	5	2.3	11.5
18	9.6	20.1	9	5	2.1	10.5
			<i>Total</i>	<i>90</i>		<i>188.25</i>

Average Time for 1st 4: 10.0

Average Time Headway: 2.09

Saturation Flow: 1721

Average Lost Time/Cycle: 1.68

Salem Capacity Worksheet

Initials: BES

Location: WB Ferry / Liberty

Time: 4:30

Date: 4-17-97

Approach: WB Excl. Thru

Cycle Length: 64

Cycle #	T ₄	T _{last}	Number	Peds	Busses
1	9.65	17.25	8		
2	9.33	19.41	8		
3	11.96	23.82	10		
4	10.58	20.43	10		
5	13.30	24.65	10		
6	8.96	16.57	8		
7	10.40	21.57	9		
8	11.20	20.35	9		
9	11.55	24.79	10		
10	10.05	22.56	10		
11	9.07	21.91	10		
12	7.86	17.69	8		
13	8.96	20.54	9		
14	8.55	19.00	10		
15	9.40	17.85	7		
16	9.24	18.79	8		
17	9.64	21.09	9		
18	9.59	20.13	9		
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					

Approach Driveway Spacing
(From stop bar)

Driveway #	Distance
1	MID-BLOCK ALLEY
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
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Salem Capacity Data

Location: WB Ferry Street at Liberty Street

Lane: Shared Thru/Right

Cycle #	T ₄	T _{last}	Total Number	Number-4	Average Time Headway	Headway*Number
1	12.6	22.0	8	4	2.4	9.4
2	13.5	19.7	7	3	2.1	6.2
3	12.6	21.2	8	4	2.2	8.6
4	8.2	18.6	9	5	2.1	10.4
5	9.9	19.9	8	4	2.5	10
6	8.6	16.2	8	4	1.9	7.6
7	10.1	20.2	9	5	2.0	10.1
8	9.7	24.4	10	6	2.5	14.7
9	11.3	23.8	10	6	2.1	12.5
10	12.1	29.6	12	8	2.2	17.5
11	12.0	23.3	9	5	2.3	11.3
12	9.7	19.6	8	4	2.5	9.9
13	16.1	27.9	9	5	2.4	11.8
14	12.0	20.3	8	4	2.1	8.3
15	11.3	21.5	9	5	2.0	10.2
16	13.4	19.5	7	3	2.0	6.1
17	11.4	22.0	9	5	2.1	10.6
18	11.6	21.9	8	4	2.6	10.3
19	11.6	21.3	8	4	2.4	9.7
20	7.0	17.9	9	5	2.2	10.9
21	12.0	23.9	10	6	2.0	11.9
22	9.5	21.3	9	5	2.4	11.8
			<i>Total</i>	<i>104</i>		<i>229.8</i>

Average Time for 1st 4: 11.0

Average Time Headway: 2.21

Saturation Flow: 1629

Average Lost Time/Cycle: 2.12

Salem Capacity Worksheet

Initials: WFB

Location: WB Ferry/Liberty

Time: 5:00-5:25

Date: _____

Approach: WB SUND THW/RT.

Cycle Length: 64

Cycle #	T ₄	T _{last}	Number	Peds	Busses
1	12.0	22	8	4	
2	13.5	19.7	7	1	
3	11.5	16.3	6	1	
4	12.6	21.2	8		
5	8.2	18.6	9	1	
6	9.9	19.9	8	2	
7	8.6	16.2	8		
8	10.1	20.2	9		
9	9.7	24.4	10		
10	11.3	23.9	10		
11	12.1	29.8	12	1	
12	12.0	23.3	9	2	
13	9.7	19.6	8		1
14	16.1	27.9	9		
15	12.0	20.3	8	1	
16	11.3	21.5	9	1	
17	13.4	19.5	7	2	
18	11.4	22.0	9		1
19	11.6	21.9	8		
20	11.6	21.3	8		
21	7.0	17.9	9		
22	12.0	23.9	10		
23	9.5	21.3	9	11	
24					
25					
26					
27					
28					
29					
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33					
34					
35					
36					
37					
38					
39					
40					

Approach Driveway Spacing
(From stop bar)

Driveway #	Distance
1	MIDBLOCK ALLEY
2	
3	
4	
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10	
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12	
13	
14	
15	
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17	
18	
19	
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Salem Capacity Data

Location: EB Mission and 25th

Lane: Exclusive Thru

Cycle #	T ₄	T _{last}	Total Number	Number-4	Average Time Headway	Headway*Number
1	10.6	23.6	12	8	1.6	13
2	9.9	28.0	13	9	2.0	18.1
3	9.3	29.4	16	12	1.7	20.1
4	9.1	28.0	14	10	1.9	18.9
5	10.7	32.7	17	13	1.7	22
6	8.1	26.7	14	10	1.9	18.6
7	9.5	29.7	15	11	1.8	20.2
8	10.7	28.2	14	10	1.8	17.5
9	11.4	25.0	12	8	1.7	13.6
10	10.5	23.4	11	7	1.8	12.9
11	8.9	26.9	13	9	2.0	18
12	10.6	25.5	12	8	1.9	14.9
13	10.4	25.3	12	8	1.9	14.9
14	10.2	22.4	11	7	1.7	12.2
15	9.8	17.3	8	4	1.9	7.5
16	15.9	25.7	10	6	1.6	9.8
			<i>Total</i>	<i>140</i>		<i>252.2</i>

Average Time for 1st 4: 10.0

Average Time Headway: 1.80

Saturation Flow: 1998

Average Lost Time/Cycle: 2.77

Salem Capacity Worksheet

Initials: WFB

Location: Mission / 25th

Time: 5:05 - 5:50

Date: 4-23

Approach: EB Mission - excl. turn

Cycle Length: 2128

Cycle #	T ₄	T _{last}	Number	Peds	Busses
1	10.6	23.6	12		
2	9.9	28.0	13		
3	9.3	29.4	16		
4	9.1	28.0	14		
5	10.7	32.7	17		
6	8.1	26.7	14		
7	9.5	29.7	15		
8	10.7	28.2	14		1
9	11.4	25.0	12		
10	10.5	23.4	11		
11	8.9	26.9	13		
12	10.6	25.5	12		
13	10.4	25.3	12		
14	10.2	22.4	11		
15	9.8	17.3	8		
16	15.9	25.7	10		
17					
18					
19					
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39					
40					

Approach Driveway Spacing
(From stop bar)

Driveway #	Distance
1	64
2	212
3	
4	
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14	
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16	
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19	
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PLAID PAPER
K-MARK

Salem Capacity Data

Location: EB Mission and 25th

Lane: Shared Thru/Right

Cycle #	T ₄	T _{last}	Total Number	Number-4	Average Time Headway	Headway*Number
1	11.1	24.9	15	11	1.3	13.8
2	9.4	27.6	13	9	2.0	18.2
3	9.2	31.3	14	10	2.2	22.1
4	9.5	28.3	15	11	1.7	18.8
5	7.8	31.5	15	11	2.2	23.7
6	7.4	33.4	17	13	2.0	26
7	9.7	26.2	11	7	2.4	16.5
8	11.7	26.9	11	7	2.2	15.2
9	10.8	33.3	14	10	2.3	22.5
10	13.1	33.3	15	11	1.8	20.2
11	11.1	37.8	16	12	2.2	26.7
12	10.6	23.9	12	8	1.7	13.3
13	12.8	28.4	12	8	2.0	15.6
14	9.3	17.3	8	4	2.0	8
15	10.1	21.3	9	5	2.2	11.2
16	11.3	25.8	12	8	1.8	14.5
17	10.4	31.6	15	11	1.9	21.2
			<i>Total</i>	<i>156</i>		<i>307.5</i>

Average Time for 1st 4: 10.3

Average Time Headway: 1.97

Saturation Flow: 1826

Average Lost Time/Cycle: 2.43

Salem Capacity Worksheet

Initials: AM

Location: MISSION / 25th

Time: 505-550

Date: 4-23-97

Approach: WB Mission shared
W/U/RT

Cycle Length: ~128

Cycle #	T ₄	T _{last}	Number	Peds	Busses
1	11.1	24.9	15		
2	9.4	27.6	13		
3	9.2	31.3	14		
4	9.5	28.3	15		
5	7.8	31.5	15		
6	9.4	33.4	17		
7	9.7	26.2	11		
8	11.7	26.9	11		
9	10.8	33.3	14		
10	13.1	33.3	15		
11	11.1	37.8	16		
12	10.6	23.9	12		
13	12.8	29.4	12		
14	9.3	17.3	8		
15	10.1	21.3	9		
16	11.3	25.8	12		
17	10.4	31.6	15		
18					
19					
20					
21					
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24					
25					
26					
27					
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29					
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37					
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39					
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Approach Driveway Spacing
(From stop bar)

Driveway #	Distance
1	
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16	
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