

1 Appendix B. Local Peak Hour Traffic Volumes

Existing Volumes

Existing AM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1	Ross Street & Main Street (Hwy 99)	-	420	50	30	445	-	-	-	-	25	-	40
2	Hazel Dell & Main Street (West) & stop controlled slip ramp	35	-	-	65	930	10	-	15	85	-	-	-
3	39th Street & Main Street	15	90	35	95	730	65	60	345	10	55	210	25
4	39th Street & I-5 Southbound On-/Off-Ramps	25	-	690	-	-	-	-	315	215	105	355	-
5	39th Street & I-5 Northbound On-/Off-Ramps	135	-	30	-	-	-	40	965	-	-	325	250
6	15th Avenue & SR 500 Westbound Off-Ramp	-	50	-	-	75	-	-	-	-	460	-	30
7	15th Avenue & SR 500 Eastbound On-Ramp/39th Street	65	10	75	25	25	485	40	845	60	-	-	-
8	Saint Johns Boulevard & SR 500 Westbound On-/Off-Ramps	35	245	-	-	390	215	-	-	-	280	-	115
9	Saint Johns Boulevard & SR 500 Eastbound On-/Off-Ramps	-	200	165	205	465	-	80	-	40	-	-	-
10	4th Plain Boulevard & Main Street	10	35	35	15	505	45	20	295	55	50	380	15
11	4th Plain Boulevard & Broadway Street	5	15	15	20	10	-	-	335	10	40	440	35
12	4th Plain Boulevard & I-5 Southbound On-/Off-Ramps	-	-	-	355	-	-	260	210	-	-	410	400
13	4th Plain Boulevard & I-5 Northbound On-/Off-Ramps	305	5	215	-	-	-	185	380	-	-	505	165
14	4th Plain Boulevard & Saint Johns Boulevard	20	5	10	-	85	115	25	200	185	45	380	5
15	4th Plain Boulevard & Fort Vancouver Way	5	30	15	25	120	15	10	170	40	40	365	35
16	McLoughlin Boulevard & Main Street	-	40	10	15	500	20	5	20	10	5	35	15
17	McLoughlin Boulevard & Broadway Street	-	10	10	15	45	15	-	45	-	5	40	15
18	McLoughlin Boulevard & F Street	-	-	5	-	-	-	-	60	-	-	55	-
19	McLoughlin Boulevard & Fort Vancouver Way	25	60	25	25	85	30	20	15	25	20	25	15
20	Mill Plain Boulevard & Franklin Street	5	5	90	75	75	5	5	465	20	170	285	20
21	Mill Plain Boulevard WB & Columbia Street	10	15	-	-	50	5	-	-	-	90	460	15
22	Mill Plain Boulevard WB & Washington Street	-	-	-	-	30	5	-	-	-	300	560	25
23	Mill Plain Boulevard WB & Main Street	10	35	-	-	340	140	-	-	-	40	735	65
24	Mill Plain Boulevard WB & Broadway Street	5	20	-	-	30	10	-	-	-	55	825	5
25	Mill Plain Boulevard WB & C Street	10	20	-	-	105	25	-	-	-	60	875	90
26	Mill Plain Boulevard EB & Columbia Street	-	20	140	35	105	-	5	620	5	-	-	-
27	Mill Plain Boulevard EB & Washington Street	-	-	-	30	300	-	-	790	5	-	-	-
28	Mill Plain Boulevard EB & Main Street	-	40	30	100	280	-	5	805	10	-	-	-
29	Mill Plain Boulevard EB & Broadway Street	-	15	30	30	55	-	10	920	5	-	-	-
30	Mill Plain Boulevard EB & C Street	-	25	155	95	70	-	5	930	5	-	-	-
31	Mill Plain Boulevard & I-5 Southbound On-/Off-Ramps	-	-	-	155	-	465	-	275	905	500	560	-
32	Mill Plain Boulevard & I-5 Northbound On-/Off-Ramps	430	-	255	-	-	-	185	245	-	-	630	165
33	Mill Plain Boulevard & Fort Vancouver Way	70	10	5	15	55	60	80	340	80	25	665	20
34	Evergreen Boulevard & Columbia Street	5	85	10	5	90	30	10	20	5	30	125	20
35	Evergreen Boulevard & Washington Street	-	-	-	10	175	25	-	20	15	20	150	-
36	Evergreen Boulevard & Main Street	10	30	-	5	135	10	5	25	-	5	150	5
37	Evergreen Boulevard & Broadway Street	5	30	5	-	20	5	-	20	10	5	150	10
38	Evergreen Boulevard & C Street	85	100	15	10	30	10	-	25	-	10	70	5
39	Evergreen Boulevard & Fort Vancouver Way	10	35	5	20	55	85	35	15	5	5	30	15
40	8th St & Columbia Street	10	75	-	-	95	30	20	-	35	-	-	-
41	8th St & C Street	75	195	-	-	-	40	5	-	-	-	-	-
42	6th Street & Grant Street	-	35	60	5	60	-	-	-	-	120	-	15
43	6th Street & Esther Street	5	-	10	10	5	5	-	55	10	50	125	25
44	6th Street & Columbia Street	5	15	-	20	100	10	5	45	25	90	185	65
45	6th Street & Washington Street	-	-	-	5	280	35	-	10	55	130	305	-
46	6th Street & Main Street	5	5	-	5	10	10	5	10	-	20	420	30
47	6th Street & Broadway Street	-	-	-	-	-	10	15	-	-	-	460	20
48	6th Street & C Street	480	270	-	-	-	-	-	-	-	-	-	-
49	5th Street & Washington Street/I-5 Southbound On-Ramp	-	-	-	445 ¹	25	-	5	80	50 ²	-	-	-
50	Phil Arnold Way & Esther Street	-	10	-	20	45	-	-	-	-	5	-	5

Existing Volumes

Existing AM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
51	Phil Arnold Way & Columbia Street	5	50	-	-	70	5	10	-	10	-	-	-
52	Columbia Way & Esther Street	-	5	10	15	15	20	-	10	-	-	15	5
53	Columbia Way & Columbia Street	5	30	-	5	60	15	25	-	10	-	-	-
54	Columbia House Boulevard & SR 14 Eastbound/Westbound On-/Off-Ramp (SPUI)	110	45	55	65	315	115	160	-	325	-	-	-
55	Columbia Way & Columbia Shores Boulevard	-	55	5	540	55	45	25	20	-	5	10	130
56	Hayden Island Drive (South) & Center Ave	125	60	90	-	25	-	-	75	125	85	175	15
57	Hayden Island Drive (South) & Hayden Island Drive Connector to North	-	260	40	35	130	-	-	-	-	80	-	15
58	Hayden Island Drive (North) & Hayden Island Drive Connector to South	35	20	-	-	5	60	60	-	15	-	-	-
59	I-5 Southbound Hayden Island Off-Ramp & Center Avenue/Tomahawk Island	-	60	275	175	50	10	5	120	15	200	185	210
60	I-5 Northbound Hayden Island Off-Ramp & Tomahawk Island Drive	-	270	200	-	210	-	-	-	-	-	-	30
61	Tomahawk Island Drive & Jantzen Drive	10	20	35	10	35	-	20	70	110	85	20	35
62	Center Avenue & Jantzen Avenue	5	310	-	-	245	20	25	-	-	-	-	-
63	Marine Drive/MLK Boulevard & I-5 Northbound/Southbound On-/Off-Ramps	705	-	1060	10	-	355	405	140	130	180	305	615
64	Marine Way & Vancouver Way (Loop)	25	255	190	15	75	345	20	-	20	25	95	15
65	Marine Drive and Anchor Way	-	-	-	15	-	100	40	250	-	-	335	15
66	I-5 Northbound Off-Ramp & Union Court/Marine Way	-	295	-	-	120	-	175	-	15	-	-	-
67	Victory Boulevard & Expo Road	-	55	125	-	5	-	-	-	-	15	-	90
68	Victory Boulevard & Interstate Avenue/Denver Avenue Northbound Off-Ramp	35	-	40	-	-	-	-	125	-	-	70	-
69	Victory Boulevard & I-5 Southbound On-Ramp	-	-	-	-	-	-	-	140	25	75	70	-
70	Victory Boulevard & I-5 Northbound Off-Ramp/Whitaker Road	25	-	65	-	-	-	60	80	-	-	120	295
71	Interstate Avenue/Denver Avenue & Schmeer Road	-	300	45	120	855	-	-	-	-	30	-	25
72	Columbia Boulevard & I-5 Northbound/Southbound On-/Off-Ramp	-	-	-	255	-	235	220	445	-	-	365	255
73	Columbia Boulevard & MLK Boulevard	150	205	50	190	240	35	60	460	105	40	430	225

Notes:

¹SBL to I-5 southbound on-ramp = 345 vph, SBL to SR 14 eastbound on-ramp = 100 vph

²EBR to SR 14 eastbound on-ramp = 45 vph, EBR to Washington St = 5 vph

Existing Volumes

Existing PM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1	Ross Street & Main Street (Hwy 99)	-	420	50	30	445	-	-	-	-	25	-	40
2	Hazel Dell & Main Street (West) & stop controlled slip ramp	35	-	-	65	930	10	-	15	85	-	-	-
3	39th Street & Main Street	15	90	35	95	730	65	60	345	10	55	210	25
4	39th Street & I-5 Southbound On-/Off-Ramps	25	-	690	-	-	-	-	315	215	105	355	-
5	39th Street & I-5 Northbound On-/Off-Ramps	135	-	30	-	-	-	40	965	-	-	325	250
6	15th Avenue & SR 500 Westbound Off-Ramp	-	50	-	-	75	-	-	-	-	460	-	30
7	15th Avenue & SR 500 Eastbound On-Ramp/39th Street	65	10	75	25	25	485	40	845	60	-	-	-
8	Saint Johns Boulevard & SR 500 Westbound On-/Off-Ramps	35	245	-	-	390	215	-	-	-	280	-	115
9	Saint Johns Boulevard & SR 500 Eastbound On-/Off-Ramps	-	200	165	205	465	-	80	-	40	-	-	-
10	4th Plain Boulevard & Main Street	10	35	35	15	505	45	20	295	55	50	380	15
11	4th Plain Boulevard & Broadway Street	5	15	15	20	10	-	-	335	10	40	440	35
12	4th Plain Boulevard & I-5 Southbound On-/Off-Ramps	-	-	-	355	-	-	260	210	-	-	410	400
13	4th Plain Boulevard & I-5 Northbound On-/Off-Ramps	305	5	215	-	-	-	185	380	-	-	505	165
14	4th Plain Boulevard & Saint Johns Boulevard	20	5	10	-	85	115	25	200	185	45	380	5
15	4th Plain Boulevard & Fort Vancouver Way	5	30	15	25	120	15	10	170	40	40	365	35
16	McLoughlin Boulevard & Main Street	-	40	10	15	500	20	5	20	10	5	35	15
17	McLoughlin Boulevard & Broadway Street	-	10	10	15	45	15	-	45	-	5	40	15
18	McLoughlin Boulevard & F Street	-	-	5	-	-	-	-	60	-	-	55	-
19	McLoughlin Boulevard & Fort Vancouver Way	25	60	25	25	85	30	20	15	25	20	25	15
20	Mill Plain Boulevard & Franklin Street	5	5	90	75	75	5	5	465	20	170	285	20
21	Mill Plain Boulevard WB & Columbia Street	10	15	-	-	50	5	-	-	-	90	460	15
22	Mill Plain Boulevard WB & Washington Street	-	-	-	-	30	5	-	-	-	300	560	25
23	Mill Plain Boulevard WB & Main Street	10	35	-	-	340	140	-	-	-	40	735	65
24	Mill Plain Boulevard WB & Broadway Street	5	20	-	-	30	10	-	-	-	55	825	5
25	Mill Plain Boulevard WB & C Street	10	20	-	-	105	25	-	-	-	60	875	90
26	Mill Plain Boulevard EB & Columbia Street	-	20	140	35	105	-	5	620	5	-	-	-
27	Mill Plain Boulevard EB & Washington Street	-	-	-	30	300	-	-	790	5	-	-	-
28	Mill Plain Boulevard EB & Main Street	-	40	30	100	280	-	5	805	10	-	-	-
29	Mill Plain Boulevard EB & Broadway Street	-	15	30	30	55	-	10	920	5	-	-	-
30	Mill Plain Boulevard EB & C Street	-	25	155	95	70	-	5	930	5	-	-	-
31	Mill Plain Boulevard & I-5 Southbound On-/Off-Ramps	-	-	-	155	-	465	-	275	905	500	560	-
32	Mill Plain Boulevard & I-5 Northbound On-/Off-Ramps	430	-	255	-	-	-	185	245	-	-	630	165
33	Mill Plain Boulevard & Fort Vancouver Way	70	10	5	15	55	60	80	340	80	25	665	20
34	Evergreen Boulevard & Columbia Street	5	85	10	5	90	30	10	20	5	30	125	20
35	Evergreen Boulevard & Washington Street	-	-	-	10	175	25	-	20	15	20	150	-
36	Evergreen Boulevard & Main Street	10	30	-	5	135	10	5	25	-	5	150	5
37	Evergreen Boulevard & Broadway Street	5	30	5	-	20	5	-	20	10	5	150	10
38	Evergreen Boulevard & C Street	85	100	15	10	30	10	-	25	-	10	70	5
39	Evergreen Boulevard & Fort Vancouver Way	10	35	5	20	55	85	35	15	5	5	30	15
40	8th St & Columbia Street	10	75	-	-	95	30	20	-	35	-	-	-
41	8th St & C Street	75	195	-	-	-	40	5	-	-	-	-	-
42	6th Street & Grant Street	-	35	60	5	60	-	-	-	-	120	-	15
43	6th Street & Esther Street	5	-	10	10	5	5	-	55	10	50	125	25
44	6th Street & Columbia Street	5	15	-	20	100	10	5	45	25	90	185	65
45	6th Street & Washington Street	-	-	-	5	280	35	-	10	55	130	305	-
46	6th Street & Main Street	5	5	-	5	10	10	5	10	-	20	420	30
47	6th Street & Broadway Street	-	-	-	-	-	10	15	-	-	-	460	20
48	6th Street & C Street	480	270	-	-	-	-	-	-	-	-	-	-
49	5th Street & Washington Street/I-5 Southbound On-Ramp	-	-	-	515 ¹	25	-	5	80	150 ²	-	-	-
50	Phil Arnold Way & Esther Street	-	10	-	20	45	-	-	-	-	5	-	5

Existing Volumes

Existing PM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
51	Phil Arnold Way & Columbia Street	5	50	-	-	70	5	10	-	10	-	-	-
52	Columbia Way & Esther Street	-	5	10	15	15	20	-	10	-	-	15	5
53	Columbia Way & Columbia Street	5	30	-	5	60	15	25	-	10	-	-	-
54	Columbia House Boulevard & SR 14 Eastbound/Westbound On-/Off-Ramp (SPUI)	110	45	55	65	315	115	160	-	325	-	-	-
55	Columbia Way & Columbia Shores Boulevard	-	55	5	540	55	45	25	20	-	5	10	130
56	Hayden Island Drive (South) & Center Ave	125	60	90	-	25	-	-	75	125	85	175	15
57	Hayden Island Drive (South) & Hayden Island Drive Connector to North	-	260	40	35	130	-	-	-	-	80	-	15
58	Hayden Island Drive (North) & Hayden Island Drive Connector to South	35	20	-	-	5	60	60	-	15	-	-	-
59	I-5 Southbound Hayden Island Off-Ramp & Center Avenue/Tomahawk Island	-	60	275	175	50	10	5	120	15	200	185	210
60	I-5 Northbound Hayden Island Off-Ramp & Tomahawk Island Drive	-	270	200	-	210	-	-	-	-	-	-	30
61	Tomahawk Island Drive & Jantzen Drive	10	20	35	10	35	-	20	70	110	85	20	35
62	Center Avenue & Jantzen Avenue	5	310	-	-	245	20	25	-	-	-	-	-
63	Marine Drive/MLK Boulevard & I-5 Northbound/Southbound On-/Off-Ramps	705	-	1060	10	-	355	405	140	130	180	305	615
64	Marine Way & Vancouver Way (Loop)	25	255	190	15	75	345	20	-	20	25	95	15
65	Marine Drive and Anchor Way	-	-	-	15	-	100	40	250	-	-	335	15
66	I-5 Northbound Off-Ramp & Union Court/Marine Way	-	295	-	-	120	-	175	-	15	-	-	-
67	Victory Boulevard & Expo Road	-	55	125	-	5	-	-	-	-	15	-	90
68	Victory Boulevard & Interstate Avenue/Denver Avenue Northbound Off-Ramp	35	-	40	-	-	-	-	125	-	-	70	-
69	Victory Boulevard & I-5 Southbound On-Ramp	-	-	-	-	-	-	-	140	25	75	70	-
70	Victory Boulevard & I-5 Northbound Off-Ramp/Whitaker Road	25	-	65	-	-	-	60	80	-	-	120	295
71	Interstate Avenue/Denver Avenue & Schmeer Road	-	300	45	120	855	-	-	-	-	30	-	25
72	Columbia Boulevard & I-5 Northbound/Southbound On-/Off-Ramp	-	-	-	255	-	235	220	445	-	-	365	255
73	Columbia Boulevard & MLK Boulevard	150	205	50	190	240	35	60	460	105	40	430	225

Notes:

¹SBL to I-5 southbound on-ramp = 195 vph, SBL to SR 14 eastbound on-ramp = 320 vph

²EBR to SR 14 eastbound on-ramp = 140 vph, EBR to Washington St = 10 vph

No-Build Volumes

No-Build AM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1	Ross Street & Main Street (Hwy 99)	-	420	50	40	590	-	-	-	-	35	-	55
2	Hazel Dell & Main Street (West) & stop controlled slip ramp	45	-	-	60	905	10	-	20	115	-	-	-
3	39th Street & Main Street	20	120	40	85	690	60	80	410	15	80	305	40
4	39th Street & I-5 Southbound On-/Off-Ramps	20	-	530	-	-	-	-	415	220	110	520	-
5	39th Street & I-5 Northbound On-/Off-Ramps	230	-	50	-	-	-	50	895	-	-	400	300
6	15th Avenue & SR 500 Westbound Off-Ramp	-	55	-	-	95	-	-	-	-	565	-	40
7	15th Avenue & SR 500 Eastbound On-Ramp/39th Street	80	15	100	35	35	590	40	810	55	-	-	-
8	Saint Johns Boulevard & SR 500 Westbound On-/Off-Ramps	45	325	-	-	520	285	-	-	-	375	-	155
9	Saint Johns Boulevard & SR 500 Eastbound On-/Off-Ramps	-	265	220	275	620	-	105	-	55	-	-	-
10	4th Plain Boulevard & Main Street	15	45	40	15	670	60	25	335	75	35	270	10
11	4th Plain Boulevard & Broadway Street	5	20	15	20	15	-	-	375	15	30	310	25
12	4th Plain Boulevard & I-5 Southbound On-/Off-Ramps	-	-	-	345	-	-	265	285	-	-	415	405
13	4th Plain Boulevard & I-5 Northbound On-/Off-Ramps	275	5	190	-	-	-	250	380	-	-	545	220
14	4th Plain Boulevard & Saint Johns Boulevard	15	5	10	-	90	95	10	105	100	50	320	5
15	4th Plain Boulevard & Fort Vancouver Way	5	30	15	25	130	10	5	100	25	45	305	40
16	McLoughlin Boulevard & Main Street	-	55	15	20	635	25	5	25	15	5	45	20
17	McLoughlin Boulevard & Broadway Street	-	15	15	15	45	15	-	60	-	5	55	20
18	McLoughlin Boulevard & F Street	-	-	5	-	-	-	-	80	-	-	75	-
19	McLoughlin Boulevard & Fort Vancouver Way	40	85	40	30	105	35	25	20	35	25	35	20
20	Mill Plain Boulevard & Franklin Street	5	5	95	80	100	5	5	480	25	255	435	30
21	Mill Plain Boulevard WB & Columbia Street	15	20	-	-	65	5	-	-	-	140	700	25
22	Mill Plain Boulevard WB & Washington Street	-	-	-	-	40	5	-	-	-	465	860	40
23	Mill Plain Boulevard WB & Main Street	15	45	-	-	430	175	-	-	-	65	1175	105
24	Mill Plain Boulevard WB & Broadway Street	5	20	-	-	30	10	-	-	-	90	1330	10
25	Mill Plain Boulevard WB & C Street	15	25	-	-	140	35	-	-	-	95	1380	140
26	Mill Plain Boulevard EB & Columbia Street	-	30	145	50	155	-	5	645	5	-	-	-
27	Mill Plain Boulevard EB & Washington Street	-	-	-	45	460	-	-	835	5	-	-	-
28	Mill Plain Boulevard EB & Main Street	-	55	35	130	365	-	5	860	15	-	-	-
29	Mill Plain Boulevard EB & Broadway Street	-	15	35	35	85	-	10	1010	5	-	-	-
30	Mill Plain Boulevard EB & C Street	-	35	180	110	125	-	5	1070	5	-	-	-
31	Mill Plain Boulevard & I-5 Southbound On-/Off-Ramps	-	-	-	250	-	755	-	425	935	515	860	-
32	Mill Plain Boulevard & I-5 Northbound On-/Off-Ramps	685	-	405	-	-	-	305	370	-	-	690	275
33	Mill Plain Boulevard & Fort Vancouver Way	85	15	5	20	70	75	125	525	125	35	805	25
34	Evergreen Boulevard & Columbia Street	10	130	15	10	115	50	15	30	10	50	205	35
35	Evergreen Boulevard & Washington Street	-	-	-	20	320	45	-	30	25	30	245	-
36	Evergreen Boulevard & Main Street	15	45	-	10	195	15	10	40	-	10	245	10
37	Evergreen Boulevard & Broadway Street	10	45	10	-	40	15	-	35	15	10	240	15
38	Evergreen Boulevard & C Street	130	155	25	20	65	20	-	45	-	15	115	10
39	Evergreen Boulevard & Fort Vancouver Way	15	40	5	25	80	125	55	20	5	5	40	20
40	8th St & Columbia Street	15	115	-	-	130	45	30	-	50	-	-	-
41	8th St & C Street	115	300	-	-	-	80	10	-	-	-	-	-
42	6th Street & Grant Street	-	70	95	10	115	-	-	-	-	190	-	25
43	6th Street & Esther Street	10	-	15	15	10	10	-	85	20	80	195	40
44	6th Street & Columbia Street	10	25	-	25	140	15	10	65	40	140	290	95
45	6th Street & Washington Street	-	-	-	10	365	55	-	15	75	200	470	-
46	6th Street & Main Street	10	10	-	10	15	15	10	15	-	30	645	45
47	6th Street & Broadway Street	-	-	-	-	-	15	25	-	-	-	705	30
48	6th Street & C Street	735	415	-	-	-	-	-	-	-	-	-	-
49	5th Street & Washington Street/I-5 Southbound On-Ramp	-	-	-	600 ¹	40	-	10	100	80 ²	-	-	-
50	Phil Arnold Way & Esther Street	-	15	-	35	75	-	-	-	-	10	-	10

No-Build Volumes

No-Build AM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
51	Phil Arnold Way & Columbia Street	10	95	-	-	120	10	20	-	15	-	-	-
52	Columbia Way & Esther Street	-	10	20	25	25	35	-	25	-	-	25	5
53	Columbia Way & Columbia Street	10	55	-	-	115	20	50	-	20	-	-	-
54	Columbia House Boulevard & SR 14 Eastbound/Westbound On-/Off-Ramp (SPUI)	145	60	75	85	420	155	215	-	430	-	-	-
55	Columbia Way & Columbia Shores Boulevard	-	75	5	715	75	60	35	25	-	5	15	170
56	Hayden Island Drive (South) & Center Ave	110	50	155	-	30	-	-	125	170	115	240	20
57	Hayden Island Drive (South) & Hayden Island Drive Connector to North	-	355	55	45	235	-	-	-	-	130	-	20
58	Hayden Island Drive (North) & Hayden Island Drive Connector to South	30	75	-	-	75	120	65	-	35	-	-	-
59	I-5 Southbound Hayden Island Off-Ramp & Center Avenue/Tomahawk Island	-	75	365	235	65	15	5	160	20	225	205	235
60	I-5 Northbound Hayden Island Off-Ramp & Tomahawk Island Drive	-	370	275	-	365	-	-	-	-	-	-	40
61	Tomahawk Island Drive & Jantzen Drive	15	25	45	15	45	-	25	95	155	110	25	45
62	Center Avenue & Jantzen Avenue	5	410	-	-	285	25	30	-	-	-	-	-
63	Marine Drive/MLK Boulevard & I-5 Northbound/Southbound On-/Off-Ramps	705	-	1445	15	-	390	545	180	160	220	390	830
64	Marine Way & Vancouver Way (Loop)	25	270	205	20	100	440	25	-	25	30	120	20
65	Marine Drive and Anchor Way	-	-	-	20	-	130	45	270	-	-	430	20
66	I-5 Northbound Off-Ramp & Union Court/Marine Way	-	375	-	-	155	-	125	-	10	-	-	-
67	Victory Boulevard & Expo Road	-	95	215	-	5	-	-	-	-	20	-	115
68	Victory Boulevard & Interstate Avenue/Denver Avenue Northbound Off-Ramp	45	-	50	-	-	-	-	215	-	-	90	-
69	Victory Boulevard & I-5 Southbound On-Ramp	-	-	-	-	-	-	-	240	25	70	90	-
70	Victory Boulevard & I-5 Northbound Off-Ramp/Whitaker Road	25	-	75	-	-	-	60	180	-	-	135	365
71	Interstate Avenue/Denver Avenue & Schmeer Road	-	370	55	135	960	-	-	-	-	40	-	40
72	Columbia Boulevard & I-5 Northbound/Southbound On-/Off-Ramp	-	-	-	250	-	230	235	570	-	-	465	270
73	Columbia Boulevard & MLK Boulevard	175	260	65	245	305	40	70	530	120	50	510	285

Notes:

¹SBL to I-5 southbound on-ramp = 415 vph, SBL to SR 14 eastbound on-ramp = 185 vph

²EBR to SR 14 eastbound on-ramp = 80 vph, EBR to Washington St = 10 vph

No-Build Volumes

No-Build PM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1	Ross Street & Main Street (Hwy 99)	-	420	50	40	590	-	-	-	-	35	-	55
2	Hazel Dell & Main Street (West) & stop controlled slip ramp	45	-	-	60	905	10	-	20	115	-	-	-
3	39th Street & Main Street	20	120	40	85	690	60	80	410	15	80	305	40
4	39th Street & I-5 Southbound On-/Off-Ramps	20	-	530	-	-	-	-	415	220	110	520	-
5	39th Street & I-5 Northbound On-/Off-Ramps	230	-	50	-	-	-	50	895	-	-	400	300
6	15th Avenue & SR 500 Westbound Off-Ramp	-	55	-	-	95	-	-	-	-	565	-	40
7	15th Avenue & SR 500 Eastbound On-Ramp/39th Street	80	15	100	35	35	590	40	810	55	-	-	-
8	Saint Johns Boulevard & SR 500 Westbound On-/Off-Ramps	45	325	-	-	520	285	-	-	-	375	-	155
9	Saint Johns Boulevard & SR 500 Eastbound On-/Off-Ramps	-	265	220	275	620	-	105	-	55	-	-	-
10	4th Plain Boulevard & Main Street	15	45	40	15	670	60	25	335	75	35	270	10
11	4th Plain Boulevard & Broadway Street	5	20	15	20	15	-	-	375	15	30	310	25
12	4th Plain Boulevard & I-5 Southbound On-/Off-Ramps	-	-	-	345	-	-	265	285	-	-	415	405
13	4th Plain Boulevard & I-5 Northbound On-/Off-Ramps	275	5	190	-	-	-	250	380	-	-	545	220
14	4th Plain Boulevard & Saint Johns Boulevard	15	5	10	-	90	95	10	105	100	50	320	5
15	4th Plain Boulevard & Fort Vancouver Way	5	30	15	25	130	10	5	100	25	45	305	40
16	McLoughlin Boulevard & Main Street	-	55	15	20	635	25	5	25	15	5	45	20
17	McLoughlin Boulevard & Broadway Street	-	15	15	15	45	15	-	60	-	5	55	20
18	McLoughlin Boulevard & F Street	-	-	5	-	-	-	-	80	-	-	75	-
19	McLoughlin Boulevard & Fort Vancouver Way	40	85	40	30	105	35	25	20	35	25	35	20
20	Mill Plain Boulevard & Franklin Street	5	5	95	80	100	5	5	480	25	255	435	30
21	Mill Plain Boulevard WB & Columbia Street	15	20	-	-	65	5	-	-	-	140	700	25
22	Mill Plain Boulevard WB & Washington Street	-	-	-	-	40	5	-	-	-	465	860	40
23	Mill Plain Boulevard WB & Main Street	15	45	-	-	430	175	-	-	-	65	1175	105
24	Mill Plain Boulevard WB & Broadway Street	5	20	-	-	30	10	-	-	-	90	1330	10
25	Mill Plain Boulevard WB & C Street	15	25	-	-	140	35	-	-	-	95	1380	140
26	Mill Plain Boulevard EB & Columbia Street	-	30	145	50	155	-	5	645	5	-	-	-
27	Mill Plain Boulevard EB & Washington Street	-	-	-	45	460	-	-	835	5	-	-	-
28	Mill Plain Boulevard EB & Main Street	-	55	35	130	365	-	5	860	15	-	-	-
29	Mill Plain Boulevard EB & Broadway Street	-	15	35	35	85	-	10	1010	5	-	-	-
30	Mill Plain Boulevard EB & C Street	-	35	180	110	125	-	5	1070	5	-	-	-
31	Mill Plain Boulevard & I-5 Southbound On-/Off-Ramps	-	-	-	250	-	755	-	425	935	515	860	-
32	Mill Plain Boulevard & I-5 Northbound On-/Off-Ramps	685	-	405	-	-	-	305	370	-	-	690	275
33	Mill Plain Boulevard & Fort Vancouver Way	85	15	5	20	70	75	125	525	125	35	805	25
34	Evergreen Boulevard & Columbia Street	10	130	15	10	115	50	15	30	10	50	205	35
35	Evergreen Boulevard & Washington Street	-	-	-	20	320	45	-	30	25	30	245	-
36	Evergreen Boulevard & Main Street	15	45	-	10	195	15	10	40	-	10	245	10
37	Evergreen Boulevard & Broadway Street	10	45	10	-	40	15	-	35	15	10	240	15
38	Evergreen Boulevard & C Street	130	155	25	20	65	20	-	45	-	15	115	10
39	Evergreen Boulevard & Fort Vancouver Way	15	40	5	25	80	125	55	20	5	5	40	20
40	8th St & Columbia Street	15	115	-	-	130	45	30	-	50	-	-	-
41	8th St & C Street	115	300	-	-	-	80	10	-	-	-	-	-
42	6th Street & Grant Street	-	70	95	10	115	-	-	-	-	190	-	25
43	6th Street & Esther Street	10	-	15	15	10	10	-	85	20	80	195	40
44	6th Street & Columbia Street	10	25	-	25	140	15	10	65	40	140	290	95
45	6th Street & Washington Street	-	-	-	10	365	55	-	15	75	200	470	-
46	6th Street & Main Street	10	10	-	10	15	15	10	15	-	30	645	45
47	6th Street & Broadway Street	-	-	-	-	-	15	25	-	-	-	705	30
48	6th Street & C Street	735	415	-	-	-	-	-	-	-	-	-	-
49	5th Street & Washington Street/I-5 Southbound On-Ramp	-	-	-	835 ¹	40	-	10	100	220 ²	-	-	-
50	Phil Arnold Way & Esther Street	-	15	-	35	75	-	-	-	-	10	-	10

No-Build Volumes

No-Build PM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
51	Phil Arnold Way & Columbia Street	10	95	-	-	120	10	20	-	15	-	-	-
52	Columbia Way & Esther Street	-	10	20	25	25	35	-	25	-	-	25	5
53	Columbia Way & Columbia Street	10	55	-	-	115	20	50	-	20	-	-	-
54	Columbia House Boulevard & SR 14 Eastbound/Westbound On-/Off-Ramp (SPUI)	145	60	75	85	420	155	215	-	430	-	-	-
55	Columbia Way & Columbia Shores Boulevard	-	75	5	715	75	60	35	25	-	5	15	170
56	Hayden Island Drive (South) & Center Ave	110	50	155	-	30	-	-	125	170	115	240	20
57	Hayden Island Drive (South) & Hayden Island Drive Connector to North	-	355	55	45	235	-	-	-	-	130	-	20
58	Hayden Island Drive (North) & Hayden Island Drive Connector to South	30	75	-	-	75	120	65	-	35	-	-	-
59	I-5 Southbound Hayden Island Off-Ramp & Center Avenue/Tomahawk Island	-	75	365	235	65	15	5	160	20	225	205	235
60	I-5 Northbound Hayden Island Off-Ramp & Tomahawk Island Drive	-	370	275	-	365	-	-	-	-	-	-	40
61	Tomahawk Island Drive & Jantzen Drive	15	25	45	15	45	-	25	95	155	110	25	45
62	Center Avenue & Jantzen Avenue	5	410	-	-	285	25	30	-	-	-	-	-
63	Marine Drive/MLK Boulevard & I-5 Northbound/Southbound On-/Off-Ramps	705	-	1445	15	-	390	545	180	160	220	390	830
64	Marine Way & Vancouver Way (Loop)	25	270	205	20	100	440	25	-	25	30	120	20
65	Marine Drive and Anchor Way	-	-	-	20	-	130	45	270	-	-	430	20
66	I-5 Northbound Off-Ramp & Union Court/Marine Way	-	375	-	-	155	-	125	-	10	-	-	-
67	Victory Boulevard & Expo Road	-	95	215	-	5	-	-	-	-	20	-	115
68	Victory Boulevard & Interstate Avenue/Denver Avenue Northbound Off-Ramp	45	-	50	-	-	-	-	215	-	-	90	-
69	Victory Boulevard & I-5 Southbound On-Ramp	-	-	-	-	-	-	-	240	25	70	90	-
70	Victory Boulevard & I-5 Northbound Off-Ramp/Whitaker Road	25	-	75	-	-	-	60	180	-	-	135	365
71	Interstate Avenue/Denver Avenue & Schmeer Road	-	370	55	135	960	-	-	-	-	40	-	40
72	Columbia Boulevard & I-5 Northbound/Southbound On-/Off-Ramp	-	-	-	250	-	230	235	570	-	-	465	270
73	Columbia Boulevard & MLK Boulevard	175	260	65	245	305	40	70	530	120	50	510	285

Notes:

¹SBL to I-5 southbound on-ramp = 370 vph, SBL to SR 14 eastbound on-ramp = 465 vph

²EBR to SR 14 eastbound on-ramp = 205 vph, EBR to Washington St = 15 vph

Modified LPA Volumes

MLPA AM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1	Ross Street & Main Street (Hwy 99)	-	415	50	40	570	-	-	-	-	30	-	50
2	Hazel Dell & Main Street (West) & stop controlled slip ramp	45	-	-	50	705	10	-	20	110	-	-	-
3	39th Street & Main Street	20	115	40	65	535	50	75	410	15	80	305	35
4	39th Street & I-5 SB On-/Off-Ramps	20	-	545	-	-	-	-	405	225	110	510	-
5	39th Street & I-5 NB On-/Off-Ramps	230	-	55	-	-	-	50	900	-	-	390	320
6	15th Ave & SR 500 WB Off-Ramp	-	55	-	-	90	-	-	-	-	570	-	40
7	15th Ave & SR 500 EB On-Ramp/39th Street	80	15	95	30	30	600	40	820	55	-	-	-
8	Saint Johns Blvd & SR 500 WB On-/Off-Ramps	45	315	-	-	500	275	-	-	-	360	-	150
9	Saint Johns Blvd & SR 500 EB On-/Off-Ramps	-	255	210	265	595	-	105	-	50	-	-	-
10	4th Plain Blvd & Main Street	15	45	40	20	650	60	25	360	70	40	310	15
11	4th Plain Blvd & Broadway Street	5	20	20	25	15	-	-	405	15	30	360	30
12	4th Plain Blvd & I-5 SB On-/Off-Ramps	-	-	-	365	-	530	280	295	-	-	410	430
13	4th Plain Blvd & I-5 NB On-/Off-Ramps	275	5	190	-	-	-	260	400	-	-	565	235
14	4th Plain Blvd & Saint Johns Blvd	20	5	10	-	90	105	15	125	115	45	350	5
15	4th Plain Blvd & Fort Vancouver Way	5	30	15	25	125	15	5	110	25	40	335	35
16	McLoughlin Blvd & Main Street	-	50	15	20	615	25	5	25	15	5	45	20
17	McLoughlin Blvd & Broadway Street	-	15	15	15	50	20	-	60	-	5	50	20
18	McLoughlin Blvd & F Street	-	-	5	-	-	-	-	75	-	-	70	-
19	McLoughlin Blvd & Fort Vancouver Way	45	105	45	25	100	35	25	20	30	25	30	20
20	Mill Plain Blvd & Franklin Street	5	5	100	85	95	5	5	545	25	310	515	35
21	Mill Plain Blvd WB & Columbia Street	15	20	-	-	65	5	-	-	-	215	840	25
22	Mill Plain Blvd WB & Washington Street	-	-	-	-	40	5	-	-	-	545	1075	45
23	Mill Plain Blvd WB & Main Street	15	45	-	-	420	175	-	-	-	120	1475	125
24	Mill Plain Blvd WB & Broadway Street	5	20	-	-	55	10	-	-	-	130	1705	10
25	Mill Plain Blvd WB & C Street	15	25	-	-	135	30	-	-	-	325	1800	175
26	Mill Plain Blvd EB & Columbia Street	-	30	175	60	220	-	5	690	35	-	-	-
27	Mill Plain Blvd EB & Washington Street	-	-	-	55	530	-	-	920	5	-	-	-
28	Mill Plain Blvd EB & Main Street	-	55	35	130	410	-	5	955	15	-	-	-
29	Mill Plain Blvd EB & Broadway Street	-	15	35	35	150	-	10	1105	5	-	-	-
30	Mill Plain Blvd EB & C Street	-	35	220	115	345	-	5	1165	5	-	-	-
31	Mill Plain Blvd & I-5 SB On-/Off-Ramps	-	-	-	375	-	1420	-	510	990	545	880	-
32	Mill Plain Blvd & I-5 NB On-/Off-Ramps	685	-	410	-	-	-	385	500	-	-	740	305
33	Mill Plain Blvd & Fort Vancouver Way	90	15	5	20	60	75	145	620	145	30	880	35
34	Evergreen Blvd & Columbia Street	5	135	15	5	195	50	15	20	35	45	205	35
35	Evergreen Blvd & Washington Street	-	-	-	20	365	50	-	20	20	35	235	-
36	Evergreen Blvd & Main Street	15	40	-	5	240	15	5	35	-	5	240	5
37	Evergreen Blvd & Broadway Street	5	40	5	-	105	10	-	25	15	5	235	15
38	Evergreen Blvd & C Street	120	170	20	15	390	15	-	30	-	65	115	5
39	Evergreen Blvd & Fort Vancouver Way	15	40	5	30	80	125	40	20	5	5	40	20
40	8th Street & Columbia Street	65	475	-	30	165	40	30	-	30	-	-	5
41	8th Street & C Street	110	305	-	-	400	55	5	-	175	-	-	-
42	6th Street & Grant Street	-	130	125	10	225	-	-	-	-	135	-	15
43	6th Street & Esther Street	20	20	15	20	20	20	-	90	40	45	110	25
44	6th Street & Columbia Street	125	525	-	20	160	15	-	100	25	20	40	15
45	6th Street & Washington Street	-	-	-	30	135	50	-	90	30	10	25	-
46	6th Street & Main Street	5	10	-	40	15	15	5	115	-	-	15	-
47	6th Street & Broadway Street	-	-	-	25	-	15	20	135	-	-	-	-
48	6th Street & C Street/I-5 SB On-Ramp	-	380	-	-	295	-	-	-	160	-	-	-
49	5th Street & Washington Street	-	-	-	140	-	35	-	10	195	5	5	-
49A	5th Street & Main St	5	5	5	5	10	-	5	5	140	5	5	5
50	Phil Arnold Way & Esther Street	-	35	50	30	75	-	-	-	-	215	-	20

Modified LPA Volumes

MLPA AM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
51	Phil Arnold Way & Columbia Street/SR-14 WB Off-ramp	20	190	-	80	55	5	40	-	40	100	210	520
51A	Phil Arnold Way & Main St/SR 14 EB On-Ramp	-	15	5	140	15	-	-	80	-	-	-	-
52	Columbia Way & Esther Street	-	45	40	85	85	120	25	45	-	-	50	15
53	Columbia Way & Columbia Street	-	-	-	160	-	35	95	75	-	-	30	115
53A	Columbia Way & Main St	-	-	-	5	-	10	5	230	-	-	135	15
54	Columbia House Blvd & SR 14 EB/WB On-/Off-Ramp (SPUI)	140	60	70	85	405	150	205	-	415	-	-	-
55	Columbia Way & Columbia Shores Blvd	-	70	5	690	70	60	30	25	-	5	15	170
56	Hayden Island Dr (South) & Center Ave	10	5	90	10	30	5	5	80	135	145	305	25
57A	Hayden Island Dr (South) & Arterial Bridge Access Rd	335	-	50	-	-	-	-	30	150	150	140	-
58A	Hayden Island Dr (South) & Jantzen Dr	265	-	55	-	-	-	-	10	75	70	25	-
59	Center Ave & N Tomahawk Island Dr	-	-	-	260	-	50	55	15	-	-	10	50
59A	Tomahawk Island Dr & Arterial Bridge Access	40	275	300	10	280	10	75	80	120	180	10	35
61	Tomahawk Island Dr & Jantzen Dr	35	85	140	10	40	95	195	190	5	95	95	40
62A	I-5 SB Hayden Island Off-Ramp & Tomahawk Island Dr	-	-	-	445	-	225	-	55	-	-	10	-
62B	I-5 NB Hayden Island On-Ramp & Tomahawk Island Dr	-	-	-	-	-	-	240	260	-	-	10	130
63	Marine Dr/MLK Blvd & I-5 NB/SB On-/Off-Ramps	395	-	205	1470	-	975	550	190	160	220	410	835
64	Marine Dr & Vancouver Way	10	345	255	20	100	95	10	-	10	35	30	20
64A	I-5 SB Marine Drive On-Ramp & N Pier 99 St	-	-	-	-	-	-	-	10	10	560	30	-
64B	I-5 NB Marine Drive Off-Ramp & N Pier 99 St	10	-	490	-	-	-	-	10	-	-	580	-
64C	N Vancouver Way & N Pier 99 St	-	-	-	10	-	490	570	10	-	-	125	10
65	Marine Dr and Anchor Way	-	-	-	20	-	50	50	325	-	-	165	20
67	Victory Blvd & Expo Rd	-	95	215	-	5	-	-	-	-	20	-	120
68	Victory Blvd & Interstate Ave/Denver Ave NB Off-Ramp	45	-	55	-	-	-	-	215	-	-	95	-
69	Victory Blvd & I-5 SB On-Ramp	-	-	-	-	-	-	-	245	25	80	95	-
70	Victory Blvd & I-5 NB Off-Ramp/Whitaker Rd	40	-	100	-	-	-	60	185	-	-	135	365
71	Interstate Ave/Denver Ave & Schmeer Rd	-	380	60	135	960	-	-	-	-	40	-	40
72	Columbia Blvd & I-5 NB/SB On-/Off-Ramp	-	-	-	275	-	255	235	600	-	-	495	270
73	Columbia Blvd & MLK Blvd	185	275	70	255	325	40	75	570	130	55	530	305

Modified LPA Volumes

MLPA PM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1	Ross Street & Main Street (Hwy 99)	-	915	55	80	750	-	-	-	-	45	-	120
2	Hazel Dell & Main Street (West) & stop controlled slip ramp	170	-	-	85	525	45	-	30	155	-	-	-
3	39th Street & Main Street	75	340	90	100	295	120	120	410	40	50	335	70
4	39th Street & I-5 SB On-/Off-Ramps	25	-	505	-	-	-	-	425	280	45	570	-
5	39th Street & I-5 NB On-/Off-Ramps	365	-	90	-	-	-	55	875	-	-	250	560
6	15th Ave & SR 500 WB Off-Ramp	-	90	-	-	90	-	-	-	-	635	-	65
7	15th Ave & SR 500 EB On-Ramp/39th Street	60	10	60	50	60	615	80	715	110	-	-	-
8	Saint Johns Blvd & SR 500 WB On-/Off-Ramps	65	710	-	-	525	200	-	-	-	330	-	225
9	Saint Johns Blvd & SR 500 EB On-/Off-Ramps	-	455	310	320	535	-	320	-	70	-	-	-
10	4th Plain Blvd & Main Street	45	205	110	45	185	40	50	425	45	105	400	15
11	4th Plain Blvd & Broadway Street	15	80	90	10	25	-	-	565	15	70	505	40
12	4th Plain Blvd & I-5 SB On-/Off-Ramps	-	-	-	305	-	505	260	630	-	-	520	290
13	4th Plain Blvd & I-5 NB On-/Off-Ramps	315	5	400	-	-	-	455	480	-	-	495	470
14	4th Plain Blvd & Saint Johns Blvd	110	50	30	-	15	95	100	620	20	15	605	15
15	4th Plain Blvd & Fort Vancouver Way	20	105	75	65	75	30	35	470	45	45	555	85
16	McLoughlin Blvd & Main Street	-	245	15	15	170	30	30	40	25	10	40	35
17	McLoughlin Blvd & Broadway Street	-	50	15	20	55	10	10	50	10	5	75	65
18	McLoughlin Blvd & F Street	-	-	5	-	-	-	-	120	-	-	85	-
19	McLoughlin Blvd & Fort Vancouver Way	90	130	60	30	90	40	10	40	70	35	40	15
20	Mill Plain Blvd & Franklin Street	30	35	195	60	25	-	10	600	10	135	385	95
21	Mill Plain Blvd WB & Columbia Street	45	95	-	-	85	5	-	-	-	155	565	55
22	Mill Plain Blvd WB & Washington Street	-	-	-	-	75	5	-	-	-	240	770	40
23	Mill Plain Blvd WB & Main Street	45	170	-	-	210	40	-	-	-	105	965	215
24	Mill Plain Blvd WB & Broadway Street	5	65	-	-	70	25	-	-	-	55	1255	20
25	Mill Plain Blvd WB & C Street	15	65	-	-	290	50	-	-	-	135	1265	130
26	Mill Plain Blvd EB & Columbia Street	-	135	480	40	200	-	5	840	10	-	-	-
27	Mill Plain Blvd EB & Washington Street	-	-	-	80	235	-	-	1335	25	-	-	-
28	Mill Plain Blvd EB & Main Street	-	175	230	110	205	-	40	1370	5	-	-	-
29	Mill Plain Blvd EB & Broadway Street	-	60	235	70	55	-	10	1695	5	-	-	-
30	Mill Plain Blvd EB & C Street	-	75	510	245	180	-	5	1990	5	-	-	-
31	Mill Plain Blvd & I-5 SB On-/Off-Ramps	-	-	-	320	-	885	-	1875	870	300	645	-
32	Mill Plain Blvd & I-5 NB On-/Off-Ramps	455	-	410	-	-	-	1630	565	-	-	490	510
33	Mill Plain Blvd & Fort Vancouver Way	200	70	25	40	40	115	175	715	85	65	685	35
34	Evergreen Blvd & Columbia Street	35	440	35	15	240	30	75	135	15	65	85	50
35	Evergreen Blvd & Washington Street	-	-	-	30	265	55	-	110	75	65	145	-
36	Evergreen Blvd & Main Street	5	215	-	30	115	50	35	105	-	5	155	55
37	Evergreen Blvd & Broadway Street	5	160	20	-	25	20	-	130	5	5	190	35
38	Evergreen Blvd & C Street	75	525	60	20	245	30	-	150	-	35	125	45
39	Evergreen Blvd & Fort Vancouver Way	5	100	15	50	20	120	130	85	15	5	80	65
40	8th Street & Columbia Street	30	710	-	-	60	45	90	-	10	-	-	30
41	8th Street & C Street	125	550	-	-	235	45	110	-	130	-	-	-
42	6th Street & Grant Street	-	450	195	30	330	-	-	-	-	130	-	20
43	6th Street & Esther Street	35	155	60	45	50	15	-	210	15	45	100	30
44	6th Street & Columbia Street	65	695	-	40	15	15	-	300	15	40	95	45
45	6th Street & Washington Street	-	-	-	70	315	90	-	145	195	20	90	-
46	6th Street & Main Street	10	5	-	20	15	75	60	155	-	-	25	5
47	6th Street & Broadway Street	-	-	-	75	-	30	45	130	-	-	-	-
48	6th Street & C Street/I-5 SB On-Ramp	-	395	-	-	365	-	-	-	205	-	-	-
49	5th Street & Washington Street	-	-	-	480	-	50	-	10	-	-	10	-
49A	5th Street & Main St	5	5	5	5	10	-	5	5	480	5	5	5
50	Phil Arnold Way & Esther Street	-	200	45	5	105	-	-	-	-	90	-	50

Modified LPA Volumes

MLPA PM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
51	Phil Arnold Way & Columbia Street/SR-14 WB Off-ramp	15	380	-	175	55	5	50	-	-	50	120	215
51A	Phil Arnold Way & Main St/SR 14 EB On-Ramp	-	15	5	480	15	-	-	175	-	-	-	-
52	Columbia Way & Esther Street	10	215	50	25	55	115	25	175	10	5	80	5
53	Columbia Way & Columbia Street	-	-	-	45	-	60	125	125	-	-	30	270
53A	Columbia Way & Main St	-	-	-	5	-	10	5	165	-	-	290	15
54	Columbia House Blvd & SR 14 EB/WB On-/Off-Ramp (SPUI)	305	95	130	210	225	400	295	-	240	-	-	-
55	Columbia Way & Columbia Shores Blvd	-	145	-	135	235	95	75	10	-	15	5	310
56	Hayden Island Dr (South) & Center Ave	5	10	50	10	50	5	5	115	140	120	285	20
57A	Hayden Island Dr (South) & Arterial Bridge Access Rd	290	-	65	-	-	-	-	90	85	85	135	-
58A	Hayden Island Dr (South) & Jantzen Dr	195	-	190	-	-	-	-	20	135	135	25	-
59	Center Ave & N Tomahawk Island Dr	-	-	-	195	-	115	35	75	-	-	30	30
59A	Tomahawk Island Dr & Arterial Bridge Access	40	220	350	10	150	10	90	90	90	150	10	45
61	Tomahawk Island Dr & Jantzen Dr	5	120	135	35	135	100	200	200	50	190	100	65
62A	I-5 SB Hayden Island Off-Ramp & Tomahawk Island Dr	-	-	-	455	-	290	-	180	-	-	70	-
62B	I-5 NB Hayden Island On-Ramp & Tomahawk Island Dr	-	-	-	-	-	-	375	260	-	-	70	305
63	Marine Dr/MLK Blvd & I-5 NB/SB On-/Off-Ramps	75	-	120	870	-	570	1035	480	155	40	250	840
64	Marine Dr & Vancouver Way	50	495	180	60	230	85	10	-	10	90	60	50
64A	I-5 SB Marine Drive On-Ramp & N Pier 99 St	-	-	-	-	-	-	-	10	10	370	30	-
64B	I-5 NB Marine Drive Off-Ramp & N Pier 99 St	10	-	425	-	-	-	-	10	-	-	390	-
64C	N Vancouver Way & N Pier 99 St	-	-	-	10	-	425	380	10	-	-	185	10
65	Marine Dr and Anchor Way	-	-	-	40	-	105	130	425	-	-	270	25
67	Victory Blvd & Expo Rd	-	160	50	280	35	-	-	-	-	60	-	360
68	Victory Blvd & Interstate Ave/Denver Ave NB Off-Ramp	145	-	200	-	-	-	-	330	-	-	275	-
69	Victory Blvd & I-5 SB On-Ramp	-	-	-	-	-	-	-	470	60	230	275	-
70	Victory Blvd & I-5 NB Off-Ramp/Whitaker Rd	45	-	30	-	-	-	260	210	-	-	460	625
71	Interstate Ave/Denver Ave & Schmeer Rd	-	845	155	80	965	-	-	-	-	170	-	150
72	Columbia Blvd & I-5 NB/SB On-/Off-Ramp	-	-	-	370	-	175	135	910	-	-	925	290
73	Columbia Blvd & MLK Blvd	280	550	105	305	515	45	110	855	290	110	855	285

Modified LPA 1 Volumes

Modified LPA 1 AM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1	Ross Street & Main Street (Hwy 99)	-	415	50	40	570	-	-	-	-	30	-	50
2	Hazel Dell & Main Street (West) & stop controlled slip ramp	45	-	-	50	705	10	-	20	110	-	-	-
3	39th Street & Main Street	20	115	40	65	535	50	75	410	15	80	305	35
4	39th Street & I-5 SB On-/Off-Ramps	20	-	545	-	-	-	-	405	225	110	510	-
5	39th Street & I-5 NB On-/Off-Ramps	230	-	55	-	-	-	50	900	-	-	390	320
6	15th Ave & SR 500 WB Off-Ramp	-	55	-	-	90	-	-	-	-	570	-	40
7	15th Ave & SR 500 EB On-Ramp/39th Street	80	15	95	30	30	600	40	820	55	-	-	-
8	Saint Johns Blvd & SR 500 WB On-/Off-Ramps	45	315	-	-	500	275	-	-	-	360	-	150
9	Saint Johns Blvd & SR 500 EB On-/Off-Ramps	-	255	210	265	595	-	105	-	50	-	-	-
10	4th Plain Blvd & Main Street	15	45	40	20	650	60	25	360	70	40	310	15
11	4th Plain Blvd & Broadway Street	5	20	20	25	15	-	-	405	15	30	360	30
12	4th Plain Blvd & I-5 SB On-/Off-Ramps	-	-	-	365	-	530	280	295	-	-	410	430
13	4th Plain Blvd & I-5 NB On-/Off-Ramps	275	5	190	-	-	-	260	400	-	-	565	235
14	4th Plain Blvd & Saint Johns Blvd	20	5	10	-	90	105	15	125	115	45	350	5
15	4th Plain Blvd & Fort Vancouver Way	5	30	15	25	125	15	5	110	25	40	335	35
16	McLoughlin Blvd & Main Street	-	50	15	20	615	25	5	25	15	5	45	20
17	McLoughlin Blvd & Broadway Street	-	15	15	15	50	20	-	60	-	5	50	20
18	McLoughlin Blvd & F Street	-	-	5	-	-	-	-	75	-	-	70	-
19	McLoughlin Blvd & Fort Vancouver Way	45	105	45	25	105	35	25	20	30	25	30	20
20	Mill Plain Blvd & Franklin Street	5	5	160	85	95	5	5	545	25	310	515	35
21	Mill Plain Blvd WB & Columbia Street	15	20	-	-	65	5	-	-	-	315	840	25
22	Mill Plain Blvd WB & Washington Street	-	-	-	-	40	5	-	-	-	560	1175	45
23	Mill Plain Blvd WB & Main Street	15	45	-	-	420	175	-	-	-	155	1590	125
24	Mill Plain Blvd WB & Broadway Street	5	20	-	-	55	10	-	-	-	240	1855	10
25	Mill Plain Blvd WB & C Street	15	25	-	-	135	30	-	-	-	430	2060	175
26	Mill Plain Blvd EB & Columbia Street	-	30	255	60	320	-	5	750	35	-	-	-
27	Mill Plain Blvd EB & Washington Street	-	-	-	55	545	-	-	1060	5	-	-	-
28	Mill Plain Blvd EB & Main Street	-	55	160	130	445	-	5	1095	15	-	-	-
29	Mill Plain Blvd EB & Broadway Street	-	15	145	35	260	-	10	1370	5	-	-	-
30	Mill Plain Blvd EB & C Street	-	35	270	115	450	-	5	1540	5	-	-	-
31	Mill Plain Blvd & I-5 SB On-/Off-Ramps	-	-	-	375	-	1420	-	510	1415	575	1245	-
32	Mill Plain Blvd & I-5 NB On-/Off-Ramps	1050	-	425	-	-	-	385	500	-	-	770	305
33	Mill Plain Blvd & Fort Vancouver Way	120	15	5	20	60	75	145	620	160	30	880	35
34	Evergreen Blvd & Columbia Street	5	140	15	5	210	120	15	20	35	30	135	20
35	Evergreen Blvd & Washington Street	-	-	-	20	380	50	-	20	20	20	135	-
36	Evergreen Blvd & Main Street	15	105	-	5	240	15	5	35	-	5	125	5
37	Evergreen Blvd & Broadway Street	5	100	5	-	105	10	-	25	15	5	120	10
38	Evergreen Blvd & C Street	-	30	5	15	230	15	-	30	-	35	115	5
39	Evergreen Blvd & Fort Vancouver Way	5	50	5	45	80	125	40	5	5	5	20	40
40	8th Street & Columbia Street	65	475	-	35	175	40	30	-	30	-	-	5
41	8th Street & C Street	5	30	-	-	210	55	5	-	70	-	-	-
42	6th Street & Grant Street	-	210	40	10	225	-	-	-	-	135	-	15
43	6th Street & Esther Street	20	20	15	20	20	20	-	10	40	45	110	25
44	6th Street & Columbia Street	125	525	-	30	160	15	-	20	25	20	40	15
45	6th Street & Washington Street	-	-	-	5	135	50	-	20	30	10	25	-
46	6th Street & Main Street	5	10	-	10	15	15	10	15	-	-	15	-
47	6th Street & Broadway Street	-	-	-	-	-	15	25	-	-	-	-	-
48	6th Street & C Street/I-5 SB On-Ramp	-	-	-	-	-	-	-	-	-	-	-	-
49	5th Street & Washington Street	-	-	-	140	-	35	-	10	195	-	10	-
49A	5th Street & Main St	5	5	5	5	10	-	5	5	140	5	5	5
50	Phil Arnold Way & Esther Street	-	35	50	30	75	-	-	-	-	215	-	20

Modified LPA 1 Volumes

Modified LPA 1 AM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
51	Phil Arnold Way & Columbia Street/SR-14 WB Off-ramp	20	190	-	80	55	5	40	-	40	100	210	520
51A	Phil Arnold Way & Main St/SR 14 EB On-Ramp	-	15	5	140	15	-	-	80	-	-	-	-
52	Columbia Way & Esther Street	-	45	40	85	85	120	25	45	-	-	50	15
53	Columbia Way & Columbia Street	-	-	-	160	-	35	95	75	-	-	30	115
53A	Columbia Way & Main St	-	-	-	5	-	10	5	230	-	-	135	15
54	Columbia House Blvd & SR 14 EB/WB On-/Off-Ramp (SPUI)	140	60	70	85	405	150	205	-	415	-	-	-
55	Columbia Way & Columbia Shores Blvd	-	70	5	690	70	60	30	25	-	5	15	170
56	Hayden Island Dr (South) & Center Ave	10	5	90	10	30	5	5	80	135	145	305	25
57A	Hayden Island Dr (South) & Arterial Bridge Access Rd	335	-	50	-	-	-	-	30	150	150	140	-
58A	Hayden Island Dr (South) & Jantzen Dr	265	-	55	-	-	-	-	10	75	70	25	-
59	Center Ave & N Tomahawk Island Dr	-	-	-	260	-	50	55	15	-	-	10	50
59A	Tomahawk Island Dr & Arterial Bridge Access	40	275	300	10	280	10	75	80	120	180	10	35
61	Tomahawk Island Dr & Jantzen Dr	35	85	140	10	40	95	195	190	5	95	95	40
62A	I-5 SB Hayden Island Off-Ramp & Tomahawk Island Dr	-	-	-	445	-	225	-	55	-	-	10	-
62B	I-5 NB Hayden Island On-Ramp & Tomahawk Island Dr	-	-	-	-	-	-	240	260	-	-	10	130
63	Marine Dr/MLK Blvd & I-5 NB/SB On-/Off-Ramps	395	-	205	1470	-	975	550	190	160	220	410	835
64	Marine Dr & Vancouver Way	10	345	255	20	100	95	10	-	10	35	30	20
64A	I-5 SB Marine Drive On-Ramp & N Pier 99 St	-	-	-	-	-	-	-	10	10	560	30	-
64B	I-5 NB Marine Drive Off-Ramp & N Pier 99 St	10	-	490	-	-	-	-	10	-	-	580	-
64C	N Vancouver Way & N Pier 99 St	-	-	-	10	-	490	570	10	-	-	125	10
65	Marine Dr and Anchor Way	-	-	-	20	-	50	50	325	-	-	165	20
67	Victory Blvd & Expo Rd	-	95	215	-	5	-	-	-	-	20	-	120
68	Victory Blvd & Interstate Ave/Denver Ave NB Off-Ramp	45	-	55	-	-	-	-	215	-	-	95	-
69	Victory Blvd & I-5 SB On-Ramp	-	-	-	-	-	-	-	245	25	80	95	-
70	Victory Blvd & I-5 NB Off-Ramp/Whitaker Rd	40	-	100	-	-	-	60	185	-	-	135	365
71	Interstate Ave/Denver Ave & Schmeer Rd	-	380	60	135	960	-	-	-	-	40	-	40
72	Columbia Blvd & I-5 NB/SB On-/Off-Ramp	-	-	-	275	-	255	235	600	-	-	495	270
73	Columbia Blvd & MLK Blvd	185	275	70	255	325	40	75	570	130	55	530	305

Work in Progress – Not for Public Distribution

Modified LPA 1 Volumes

Modified LPA 1 PM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1	Ross Street & Main Street (Hwy 99)	-	915	55	80	750	-	-	-	-	45	-	120
2	Hazel Dell & Main Street (West) & stop controlled slip ramp	170	-	-	85	525	45	-	30	155	-	-	-
3	39th Street & Main Street	75	340	90	100	295	120	120	410	40	50	335	70
4	39th Street & I-5 SB On-/Off-Ramps	25	-	505	-	-	-	-	425	280	45	570	-
5	39th Street & I-5 NB On-/Off-Ramps	365	-	90	-	-	-	55	875	-	-	250	560
6	15th Ave & SR 500 WB Off-Ramp	-	90	-	-	90	-	-	-	-	635	-	65
7	15th Ave & SR 500 EB On-Ramp/39th Street	60	10	60	50	60	615	80	715	110	-	-	-
8	Saint Johns Blvd & SR 500 WB On-/Off-Ramps	65	710	-	-	525	200	-	-	-	330	-	225
9	Saint Johns Blvd & SR 500 EB On-/Off-Ramps	-	455	310	320	535	-	320	-	70	-	-	-
10	4th Plain Blvd & Main Street	45	205	110	45	185	40	50	425	45	105	400	15
11	4th Plain Blvd & Broadway Street	15	80	90	10	25	-	-	565	15	70	505	40
12	4th Plain Blvd & I-5 SB On-/Off-Ramps	-	-	-	305	-	505	260	630	-	-	520	290
13	4th Plain Blvd & I-5 NB On-/Off-Ramps	315	5	400	-	-	-	455	480	-	-	495	470
14	4th Plain Blvd & Saint Johns Blvd	110	50	30	-	15	95	100	620	20	15	605	15
15	4th Plain Blvd & Fort Vancouver Way	20	105	75	65	75	30	35	470	45	45	555	85
16	McLoughlin Blvd & Main Street	-	245	15	15	170	30	30	40	25	10	40	35
17	McLoughlin Blvd & Broadway Street	-	50	15	20	55	10	10	50	10	5	75	65
18	McLoughlin Blvd & F Street	-	-	5	-	-	-	-	120	-	-	85	-
19	McLoughlin Blvd & Fort Vancouver Way	90	130	60	30	90	40	10	40	70	35	40	15
20	Mill Plain Blvd & Franklin Street	30	35	245	60	25	-	10	600	10	135	385	95
21	Mill Plain Blvd WB & Columbia Street	45	95	-	-	85	5	-	-	-	165	565	55
22	Mill Plain Blvd WB & Washington Street	-	-	-	-	75	5	-	-	-	280	780	40
23	Mill Plain Blvd WB & Main Street	45	170	-	-	210	40	-	-	-	135	1015	215
24	Mill Plain Blvd WB & Broadway Street	5	65	-	-	70	25	-	-	-	200	1335	20
25	Mill Plain Blvd WB & C Street	15	65	-	-	290	50	-	-	-	255	1490	130
26	Mill Plain Blvd EB & Columbia Street	-	135	595	40	210	-	5	890	10	-	-	-
27	Mill Plain Blvd EB & Washington Street	-	-	-	80	275	-	-	1500	25	-	-	-
28	Mill Plain Blvd EB & Main Street	-	175	285	110	235	-	40	1535	5	-	-	-
29	Mill Plain Blvd EB & Broadway Street	-	60	415	70	200	-	10	1915	5	-	-	-
30	Mill Plain Blvd EB & C Street	-	75	660	245	300	-	5	2390	5	-	-	-
31	Mill Plain Blvd & I-5 SB On-/Off-Ramps	-	-	-	320	-	885	-	1875	1420	320	990	-
32	Mill Plain Blvd & I-5 NB On-/Off-Ramps	800	-	460	-	-	-	1630	565	-	-	510	510
33	Mill Plain Blvd & Fort Vancouver Way	220	70	25	40	40	115	175	715	135	65	685	35
34	Evergreen Blvd & Columbia Street	35	440	35	15	255	45	75	135	15	50	70	40
35	Evergreen Blvd & Washington Street	-	-	-	30	275	55	-	110	75	55	105	-
36	Evergreen Blvd & Main Street	5	240	-	30	115	50	35	105	-	5	105	45
37	Evergreen Blvd & Broadway Street	5	240	20	-	25	20	-	130	5	5	130	20
38	Evergreen Blvd & C Street	-	310	10	20	30	30	-	150	-	15	125	45
39	Evergreen Blvd & Fort Vancouver Way	5	100	15	100	20	120	130	35	15	5	60	85
40	8th Street & Columbia Street	30	710	-	5	70	45	90	-	10	-	-	30
41	8th Street & C Street	70	210	-	-	-	45	110	-	-	-	-	-
42	6th Street & Grant Street	-	490	155	20	330	-	-	-	-	130	-	20
43	6th Street & Esther Street	35	165	50	25	50	15	-	160	15	45	100	30
44	6th Street & Columbia Street	65	695	-	50	15	15	-	220	15	40	95	45
45	6th Street & Washington Street	-	-	-	30	315	90	-	75	195	20	90	-
46	6th Street & Main Street	10	5	-	10	15	75	70	35	-	-	25	5
47	6th Street & Broadway Street	-	-	-	-	-	30	45	-	-	-	-	-
48	6th Street & C Street/I-5 SB On-Ramp	-	-	-	-	-	-	-	-	-	-	-	-
49	5th Street & Washington Street	-	-	-	480	-	50	-	10	-	-	10	-
49A	5th Street & Main St	5	5	5	5	10	-	5	5	480	5	5	5
50	Phil Arnold Way & Esther Street	-	200	45	5	105	-	-	-	-	90	-	50

Work in Progress – Not for Public Distribution

Modified LPA 1 Volumes

Modified LPA 1 PM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
51	Phil Arnold Way & Columbia Street/SR-14 WB Off-ramp	15	380	-	175	55	5	50	-	-	50	120	215
51A	Phil Arnold Way & Main St/SR 14 EB On-Ramp	-	15	5	480	15	-	-	175	-	-	-	-
52	Columbia Way & Esther Street	10	215	50	25	55	115	25	175	10	5	80	5
53	Columbia Way & Columbia Street	-	-	-	45	-	60	125	125	-	-	30	270
53A	Columbia Way & Main St	-	-	-	5	-	10	5	165	-	-	290	15
54	Columbia House Blvd & SR 14 EB/WB On-/Off-Ramp (SPUI)	305	95	130	210	225	400	295	-	240	-	-	-
55	Columbia Way & Columbia Shores Blvd	-	145	-	135	235	95	75	10	-	15	5	310
56	Hayden Island Dr (South) & Center Ave	5	10	50	10	50	5	5	115	140	120	285	20
57A	Hayden Island Dr (South) & Arterial Bridge Access Rd	290	-	65	-	-	-	-	90	85	85	135	-
58A	Hayden Island Dr (South) & Jantzen Dr	195	-	190	-	-	-	-	20	135	135	25	-
59	Center Ave & N Tomahawk Island Dr	-	-	-	195	-	115	35	75	-	-	30	30
59A	Tomahawk Island Dr & Arterial Bridge Access	40	220	350	10	150	10	90	90	90	150	10	45
61	Tomahawk Island Dr & Jantzen Dr	5	120	135	35	135	100	200	200	50	190	100	65
62A	I-5 SB Hayden Island Off-Ramp & Tomahawk Island Dr	-	-	-	455	-	290	-	180	-	-	70	-
62B	I-5 NB Hayden Island On-Ramp & Tomahawk Island Dr	-	-	-	-	-	-	375	260	-	-	70	305
63	Marine Dr/MLK Blvd & I-5 NB/SB On-/Off-Ramps	75	-	120	870	-	570	1035	480	155	40	250	840
64	Marine Dr & Vancouver Way	50	495	180	60	230	85	10	-	10	90	60	50
64A	I-5 SB Marine Drive On-Ramp & N Pier 99 St	-	-	-	-	-	-	-	10	10	370	30	-
64B	I-5 NB Marine Drive Off-Ramp & N Pier 99 St	10	-	425	-	-	-	-	10	-	-	390	-
64C	N Vancouver Way & N Pier 99 St	-	-	-	10	-	425	380	10	-	-	185	10
65	Marine Dr and Anchor Way	-	-	-	40	-	105	130	425	-	-	270	25
67	Victory Blvd & Expo Rd	-	160	50	280	35	-	-	-	-	60	-	360
68	Victory Blvd & Interstate Ave/Denver Ave NB Off-Ramp	145	-	200	-	-	-	-	330	-	-	275	-
69	Victory Blvd & I-5 SB On-Ramp	-	-	-	-	-	-	-	470	60	230	275	-
70	Victory Blvd & I-5 NB Off-Ramp/Whitaker Rd	45	-	30	-	-	-	260	210	-	-	460	625
71	Interstate Ave/Denver Ave & Schmeer Rd	-	845	155	80	965	-	-	-	-	170	-	150
72	Columbia Blvd & I-5 NB/SB On-/Off-Ramp	-	-	-	370	-	175	135	910	-	-	925	290
73	Columbia Blvd & MLK Blvd	280	550	105	305	515	45	110	855	290	110	855	285

Modified LPA 2 Volumes

Modified LPA 2 AM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1	Ross Street & Main Street (Hwy 99)	-	415	50	40	570	-	-	-	-	30	-	50
2	Hazel Dell & Main Street (West) & stop controlled slip ramp	45	-	-	50	705	10	-	20	110	-	-	-
3	39th Street & Main Street	20	115	40	65	535	50	75	410	15	80	305	35
4	39th Street & I-5 SB On-/Off-Ramps	20	-	545	-	-	-	-	405	225	110	510	-
5	39th Street & I-5 NB On-/Off-Ramps	230	-	55	-	-	-	50	900	-	-	390	320
6	15th Ave & SR 500 WB Off-Ramp	-	55	-	-	90	-	-	-	-	570	-	40
7	15th Ave & SR 500 EB On-Ramp/39th Street	80	15	95	30	30	600	40	820	55	-	-	-
8	Saint Johns Blvd & SR 500 WB On-/Off-Ramps	45	315	-	-	500	275	-	-	-	360	-	150
9	Saint Johns Blvd & SR 500 EB On-/Off-Ramps	-	255	210	265	595	-	105	-	50	-	-	-
10	4th Plain Blvd & Main Street	15	45	40	20	650	60	25	360	70	40	310	15
11	4th Plain Blvd & Broadway Street	5	20	20	25	15	-	-	405	15	30	360	30
12	4th Plain Blvd & I-5 SB On-/Off-Ramps	-	-	-	365	-	530	280	295	-	-	410	430
13	4th Plain Blvd & I-5 NB On-/Off-Ramps	275	5	190	-	-	-	260	400	-	-	565	235
14	4th Plain Blvd & Saint Johns Blvd	20	5	10	-	90	105	15	125	115	45	350	5
15	4th Plain Blvd & Fort Vancouver Way	5	30	15	25	125	15	5	110	25	40	335	35
16	McLoughlin Blvd & Main Street	-	50	15	20	615	25	5	25	15	5	45	20
17	McLoughlin Blvd & Broadway Street	-	15	15	15	50	20	-	60	-	5	50	20
18	McLoughlin Blvd & F Street	-	-	5	-	-	-	-	75	-	-	70	-
19	McLoughlin Blvd & Fort Vancouver Way	45	105	45	25	100	35	25	20	30	25	30	20
20	Mill Plain Blvd & Franklin Street	5	5	100	85	95	5	5	545	25	310	515	35
21	Mill Plain Blvd WB & Columbia Street	15	20	-	-	65	5	-	-	-	165	840	25
22	Mill Plain Blvd WB & Washington Street	-	-	-	-	40	5	-	-	-	630	1025	45
23	Mill Plain Blvd WB & Main Street	15	45	-	-	420	175	-	-	-	85	1510	125
24	Mill Plain Blvd WB & Broadway Street	5	20	-	-	55	10	-	-	-	130	1705	10
25	Mill Plain Blvd WB & C Street	15	25	-	-	135	30	-	-	-	325	1800	175
26	Mill Plain Blvd EB & Columbia Street	-	30	160	60	170	-	5	690	35	-	-	-
27	Mill Plain Blvd EB & Washington Street	-	-	-	55	615	-	-	905	5	-	-	-
28	Mill Plain Blvd EB & Main Street	-	55	50	130	375	-	5	940	15	-	-	-
29	Mill Plain Blvd EB & Broadway Street	-	15	35	35	150	-	10	1105	5	-	-	-
30	Mill Plain Blvd EB & C Street	-	35	220	115	345	-	5	1165	5	-	-	-
31	Mill Plain Blvd & I-5 SB On-/Off-Ramps	-	-	-	375	-	1420	-	510	990	545	880	-
32	Mill Plain Blvd & I-5 NB On-/Off-Ramps	685	-	410	-	-	-	385	500	-	-	740	305
33	Mill Plain Blvd & Fort Vancouver Way	90	15	5	20	60	75	145	620	145	30	880	35
34	Evergreen Blvd & Columbia Street	5	120	15	20	130	50	15	35	20	45	210	35
35	Evergreen Blvd & Washington Street	-	-	-	20	450	50	-	50	20	35	240	-
36	Evergreen Blvd & Main Street	15	55	-	5	205	15	5	65	-	5	245	5
37	Evergreen Blvd & Broadway Street	5	40	5	40	65	10	-	55	15	5	240	15
38	Evergreen Blvd & C Street	125	170	20	15	390	15	-	30	70	65	115	5
39	Evergreen Blvd & Fort Vancouver Way	15	40	5	30	80	125	40	20	5	5	40	20
40	8th Street & Columbia Street	65	460	-	-	115	40	30	-	30	-	-	-
41	8th Street & C Street	105	275	-	-	190	55	5	-	105	-	-	-
42	6th Street & Grant Street	-	130	125	10	225	-	-	-	-	135	-	15
43	6th Street & Esther Street	20	20	15	20	20	20	-	90	40	45	110	30
44	6th Street & Columbia Street	130	510	-	20	110	15	-	100	25	20	40	15
45	6th Street & Washington Street	-	-	-	30	220	50	-	90	30	15	25	-
46	6th Street & Main Street	5	25	-	40	20	20	5	115	-	-	15	-
47	6th Street & Broadway Street	-	-	-	25	-	15	20	135	-	-	-	-
48	6th Street & C Street/I-5 SB On-Ramp	-	380	-	-	295	-	-	-	160	-	-	-
49	5th Street & Washington Street	15	-	20	140	90	35	-	10	325	10	5	-
49A	5th Street & Main St	5	5	5	5	10	5	20	5	145	5	5	5
50	Phil Arnold Way & Esther Street	-	35	50	30	75	-	-	-	-	215	-	20

Modified LPA 2 Volumes

Modified LPA 2 AM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
51	Phil Arnold Way & Columbia Street/SR-14 WB Off-ramp	20	190	-	80	55	5	40	-	40	100	210	470
51A	Phil Arnold Way & Main St/SR 14 EB On-Ramp	-	15	5	145	15	-	-	80	-	-	-	-
52	Columbia Way & Esther Street	-	45	40	85	85	120	25	45	-	-	50	15
53	Columbia Way & Columbia Street	-	-	-	160	-	35	95	75	-	-	30	115
53A	Columbia Way & Main St	-	-	-	5	-	10	5	230	-	-	135	15
54	Columbia House Blvd & SR 14 EB/WB On-/Off-Ramp (SPUI)	140	60	70	85	405	150	205	-	415	-	-	-
55	Columbia Way & Columbia Shores Blvd	-	70	5	690	70	60	30	25	-	5	15	170
56	Hayden Island Dr (South) & Center Ave	10	5	90	10	30	5	5	80	135	145	305	25
57A	Hayden Island Dr (South) & Arterial Bridge Access Rd	335	-	50	-	-	-	-	30	150	150	140	-
58A	Hayden Island Dr (South) & Jantzen Dr	265	-	55	-	-	-	-	10	75	70	25	-
59	Center Ave & N Tomahawk Island Dr	-	-	-	260	-	50	55	15	-	-	10	50
59A	Tomahawk Island Dr & Arterial Bridge Access	40	275	300	10	280	10	75	80	120	180	10	35
61	Tomahawk Island Dr & Jantzen Dr	35	85	140	10	40	95	195	190	5	95	95	40
62A	I-5 SB Hayden Island Off-Ramp & Tomahawk Island Dr	-	-	-	445	-	225	-	55	-	-	10	-
62B	I-5 NB Hayden Island On-Ramp & Tomahawk Island Dr	-	-	-	-	-	-	240	260	-	-	10	130
63	Marine Dr/MLK Blvd & I-5 NB/SB On-/Off-Ramps	395	-	205	1470	-	975	550	190	160	220	410	835
64	Marine Dr & Vancouver Way	10	345	255	20	100	95	10	-	10	35	30	20
64A	I-5 SB Marine Drive On-Ramp & N Pier 99 St	-	-	-	-	-	-	-	10	10	560	30	-
64B	I-5 NB Marine Drive Off-Ramp & N Pier 99 St	10	-	490	-	-	-	-	10	-	-	580	-
64C	N Vancouver Way & N Pier 99 St	-	-	-	10	-	490	570	10	-	-	125	10
65	Marine Dr and Anchor Way	-	-	-	20	-	50	50	325	-	-	165	20
67	Victory Blvd & Expo Rd	-	95	215	-	5	-	-	-	-	20	-	120
68	Victory Blvd & Interstate Ave/Denver Ave NB Off-Ramp	45	-	55	-	-	-	-	215	-	-	95	-
69	Victory Blvd & I-5 SB On-Ramp	-	-	-	-	-	-	-	245	25	80	95	-
70	Victory Blvd & I-5 NB Off-Ramp/Whitaker Rd	40	-	100	-	-	-	60	185	-	-	135	365
71	Interstate Ave/Denver Ave & Schmeer Rd	-	380	60	135	960	-	-	-	-	40	-	40
72	Columbia Blvd & I-5 NB/SB On-/Off-Ramp	-	-	-	275	-	255	235	600	-	-	495	270
73	Columbia Blvd & MLK Blvd	185	275	70	255	325	40	75	570	130	55	530	305

Modified LPA 2 Volumes

Modified LPA 2 PM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1	Ross Street & Main Street (Hwy 99)	-	915	55	80	750	-	-	-	-	45	-	120
2	Hazel Dell & Main Street (West) & stop controlled slip ramp	170	-	-	85	525	45	-	30	155	-	-	-
3	39th Street & Main Street	75	340	90	100	295	120	120	410	40	50	335	70
4	39th Street & I-5 SB On-/Off-Ramps	25	-	505	-	-	-	-	425	280	45	570	-
5	39th Street & I-5 NB On-/Off-Ramps	365	-	90	-	-	-	55	875	-	-	250	560
6	15th Ave & SR 500 WB Off-Ramp	-	90	-	-	90	-	-	-	-	635	-	65
7	15th Ave & SR 500 EB On-Ramp/39th Street	60	10	60	50	60	615	80	715	110	-	-	-
8	Saint Johns Blvd & SR 500 WB On-/Off-Ramps	65	710	-	-	525	200	-	-	-	330	-	225
9	Saint Johns Blvd & SR 500 EB On-/Off-Ramps	-	455	310	320	535	-	320	-	70	-	-	-
10	4th Plain Blvd & Main Street	45	205	110	45	185	40	50	425	45	105	400	15
11	4th Plain Blvd & Broadway Street	15	80	90	10	25	-	-	565	15	70	505	40
12	4th Plain Blvd & I-5 SB On-/Off-Ramps	-	-	-	305	-	505	260	630	-	-	520	290
13	4th Plain Blvd & I-5 NB On-/Off-Ramps	315	5	400	-	-	-	455	480	-	-	495	470
14	4th Plain Blvd & Saint Johns Blvd	110	50	30	-	15	95	100	620	20	15	605	15
15	4th Plain Blvd & Fort Vancouver Way	20	105	75	65	75	30	35	470	45	45	555	85
16	McLoughlin Blvd & Main Street	-	245	15	15	170	30	30	40	25	10	40	35
17	McLoughlin Blvd & Broadway Street	-	50	15	20	55	10	10	50	10	5	75	65
18	McLoughlin Blvd & F Street	-	-	5	-	-	-	-	120	-	-	85	-
19	McLoughlin Blvd & Fort Vancouver Way	90	130	60	30	90	40	10	40	70	35	40	15
20	Mill Plain Blvd & Franklin Street	30	35	195	60	25	-	10	600	10	135	385	95
21	Mill Plain Blvd WB & Columbia Street	60	95	-	-	85	5	-	-	-	155	550	55
22	Mill Plain Blvd WB & Washington Street	-	-	-	-	75	5	-	-	-	240	755	40
23	Mill Plain Blvd WB & Main Street	30	170	-	-	210	40	-	-	-	105	965	215
24	Mill Plain Blvd WB & Broadway Street	5	65	-	-	70	25	-	-	-	55	1255	20
25	Mill Plain Blvd WB & C Street	15	65	-	-	290	50	-	-	-	135	1265	130
26	Mill Plain Blvd EB & Columbia Street	-	150	430	40	200	-	5	840	10	-	-	-
27	Mill Plain Blvd EB & Washington Street	-	-	-	80	235	-	-	1285	25	-	-	-
28	Mill Plain Blvd EB & Main Street	-	160	280	110	205	-	40	1320	5	-	-	-
29	Mill Plain Blvd EB & Broadway Street	-	60	215	70	55	-	10	1695	5	-	-	-
30	Mill Plain Blvd EB & C Street	-	75	530	245	180	-	5	1970	5	-	-	-
31	Mill Plain Blvd & I-5 SB On-/Off-Ramps	-	-	-	320	-	885	-	1875	870	300	645	-
32	Mill Plain Blvd & I-5 NB On-/Off-Ramps	455	-	410	-	-	-	1630	565	-	-	490	510
33	Mill Plain Blvd & Fort Vancouver Way	200	70	25	40	40	115	175	715	85	65	685	35
34	Evergreen Blvd & Columbia Street	20	390	35	15	240	30	75	135	15	65	100	65
35	Evergreen Blvd & Washington Street	-	-	-	30	265	55	-	110	75	65	175	-
36	Evergreen Blvd & Main Street	5	250	-	30	115	50	35	105	-	5	185	55
37	Evergreen Blvd & Broadway Street	5	120	20	-	25	20	-	130	5	5	220	55
38	Evergreen Blvd & C Street	125	545	60	20	245	30	-	150	-	35	125	45
39	Evergreen Blvd & Fort Vancouver Way	5	100	15	50	20	120	130	85	15	5	80	65
40	8th Street & Columbia Street	30	675	-	-	60	45	90	-	10	-	-	-
41	8th Street & C Street	55	340	-	-	235	45	110	-	130	-	-	-
42	6th Street & Grant Street	-	450	195	30	330	-	-	-	-	130	-	20
43	6th Street & Esther Street	35	155	60	45	50	15	-	210	15	45	100	30
44	6th Street & Columbia Street	65	660	-	40	15	15	-	300	15	40	95	45
45	6th Street & Washington Street	-	-	-	70	315	90	-	145	195	25	90	-
46	6th Street & Main Street	10	100	-	20	15	75	60	155	-	-	30	5
47	6th Street & Broadway Street	-	-	-	75	-	35	45	130	-	-	-	-
48	6th Street & C Street/I-5 SB On-Ramp	-	395	-	-	365	-	-	-	205	-	-	-
49	5th Street & Washington Street	130	-	95	480	-	55	-	10	-	5	10	-
49A	5th Street & Main St	5	5	5	5	10	-	100	5	480	5	10	5
50	Phil Arnold Way & Esther Street	-	200	50	5	105	-	-	-	-	90	-	50

Modified LPA 2 Volumes

Modified LPA 2 PM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
51	Phil Arnold Way & Columbia Street/SR-14 WB Off-ramp	15	380	-	110	55	5	55	-	-	50	120	215
51A	Phil Arnold Way & Main St/SR 14 EB On-Ramp	-	15	10	480	15	-	-	110	-	-	-	-
52	Columbia Way & Esther Street	10	220	50	25	55	115	25	175	10	5	80	5
53	Columbia Way & Columbia Street	-	-	-	45	-	60	125	125	-	-	30	270
53A	Columbia Way & Main St	-	-	-	5	-	10	5	165	-	-	290	20
54	Columbia House Blvd & SR 14 EB/WB On-/Off-Ramp (SPUI)	305	95	130	210	225	400	295	-	240	-	-	-
55	Columbia Way & Columbia Shores Blvd	-	145	-	135	235	95	75	10	-	15	5	310
56	Hayden Island Dr (South) & Center Ave	5	10	50	10	50	5	5	115	140	120	285	20
57A	Hayden Island Dr (South) & Arterial Bridge Access Rd	290	-	65	-	-	-	-	90	85	85	135	-
58A	Hayden Island Dr (South) & Jantzen Dr	195	-	190	-	-	-	-	20	135	135	25	-
59	Center Ave & N Tomahawk Island Dr	-	-	-	195	-	115	35	75	-	-	30	30
59A	Tomahawk Island Dr & Arterial Bridge Access	40	220	350	10	150	10	90	90	90	150	10	45
61	Tomahawk Island Dr & Jantzen Dr	5	120	135	35	135	100	200	200	50	190	100	65
62A	I-5 SB Hayden Island Off-Ramp & Tomahawk Island Dr	-	-	-	455	-	290	-	180	-	-	70	-
62B	I-5 NB Hayden Island On-Ramp & Tomahawk Island Dr	-	-	-	-	-	-	375	260	-	-	70	305
63	Marine Dr/MLK Blvd & I-5 NB/SB On-/Off-Ramps	75	-	120	870	-	570	1035	480	155	40	250	840
64	Marine Dr & Vancouver Way	50	495	180	60	230	85	10	-	10	90	60	50
64A	I-5 SB Marine Drive On-Ramp & N Pier 99 St	-	-	-	-	-	-	-	10	10	370	30	-
64B	I-5 NB Marine Drive Off-Ramp & N Pier 99 St	10	-	425	-	-	-	-	10	-	-	390	-
64C	N Vancouver Way & N Pier 99 St	-	-	-	10	-	425	380	10	-	-	185	10
65	Marine Dr and Anchor Way	-	-	-	40	-	105	130	425	-	-	270	25
67	Victory Blvd & Expo Rd	-	160	50	280	35	-	-	-	-	60	-	360
68	Victory Blvd & Interstate Ave/Denver Ave NB Off-Ramp	145	-	200	-	-	-	-	330	-	-	275	-
69	Victory Blvd & I-5 SB On-Ramp	-	-	-	-	-	-	-	470	60	230	275	-
70	Victory Blvd & I-5 NB Off-Ramp/Whitaker Rd	45	-	30	-	-	-	260	210	-	-	460	625
71	Interstate Ave/Denver Ave & Schmeer Rd	-	845	155	80	965	-	-	-	-	170	-	150
72	Columbia Blvd & I-5 NB/SB On-/Off-Ramp	-	-	-	370	-	175	135	910	-	-	925	290
73	Columbia Blvd & MLK Blvd	280	550	105	305	515	45	110	855	290	110	855	285

Modified LPA 3 Volumes

Modified LPA 3 AM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1	Ross Street & Main Street (Hwy 99)	-	415	50	40	570	-	-	-	-	30	-	50
2	Hazel Dell & Main Street (West) & stop controlled slip ramp	45	-	-	50	705	10	-	20	110	-	-	-
3	39th Street & Main Street	20	115	40	65	535	50	75	410	15	80	305	35
4	39th Street & I-5 SB On-/Off-Ramps	20	-	545	-	-	-	-	405	225	110	510	-
5	39th Street & I-5 NB On-/Off-Ramps	230	-	55	-	-	-	50	900	-	-	390	320
6	15th Ave & SR 500 WB Off-Ramp	-	55	-	-	90	-	-	-	-	570	-	40
7	15th Ave & SR 500 EB On-Ramp/39th Street	80	15	95	30	30	600	40	820	55	-	-	-
8	Saint Johns Blvd & SR 500 WB On-/Off-Ramps	45	315	-	-	500	275	-	-	-	360	-	150
9	Saint Johns Blvd & SR 500 EB On-/Off-Ramps	-	255	210	265	595	-	105	-	50	-	-	-
10	4th Plain Blvd & Main Street	15	45	40	20	650	60	25	360	70	40	310	15
11	4th Plain Blvd & Broadway Street	5	20	20	25	15	-	-	405	15	30	360	30
12	4th Plain Blvd & I-5 SB On-/Off-Ramps	-	-	-	365	-	530	280	295	-	-	410	430
13	4th Plain Blvd & I-5 NB On-/Off-Ramps	275	5	190	-	-	-	260	400	-	-	565	235
14	4th Plain Blvd & Saint Johns Blvd	20	5	10	-	90	105	15	125	115	45	350	5
15	4th Plain Blvd & Fort Vancouver Way	5	30	15	25	125	15	5	110	25	40	335	35
16	McLoughlin Blvd & Main Street	-	50	15	20	615	25	5	25	15	5	45	20
17	McLoughlin Blvd & Broadway Street	-	15	15	15	50	20	-	60	-	5	50	20
18	McLoughlin Blvd & F Street	-	-	5	-	-	-	-	75	-	-	70	-
19	McLoughlin Blvd & Fort Vancouver Way	45	105	45	25	100	35	25	20	30	25	30	20
20	Mill Plain Blvd & Franklin Street	5	5	100	85	95	5	5	545	25	310	515	35
21	Mill Plain Blvd WB & Columbia Street	15	20	-	-	65	5	-	-	-	215	840	25
22	Mill Plain Blvd WB & Washington Street	-	-	-	-	40	5	-	-	-	545	1075	45
23	Mill Plain Blvd WB & Main Street	15	45	-	-	420	175	-	-	-	120	1475	125
24	Mill Plain Blvd WB & Broadway Street	5	20	-	-	55	10	-	-	-	130	1705	10
25	Mill Plain Blvd WB & C Street	15	25	-	-	135	30	-	-	-	325	1800	175
26	Mill Plain Blvd EB & Columbia Street	-	30	175	60	220	-	5	690	35	-	-	-
27	Mill Plain Blvd EB & Washington Street	-	-	-	55	530	-	-	920	5	-	-	-
28	Mill Plain Blvd EB & Main Street	-	55	35	130	410	-	5	955	15	-	-	-
29	Mill Plain Blvd EB & Broadway Street	-	15	35	35	150	-	10	1105	5	-	-	-
30	Mill Plain Blvd EB & C Street	-	35	220	115	345	-	5	1165	5	-	-	-
31	Mill Plain Blvd & I-5 SB On-/Off-Ramps	-	-	-	375	-	1420	-	510	990	545	880	-
32	Mill Plain Blvd & I-5 NB On-/Off-Ramps	685	-	410	-	-	-	385	500	-	-	740	305
33	Mill Plain Blvd & Fort Vancouver Way	90	15	5	20	60	75	145	620	145	30	880	35
34	Evergreen Blvd & Columbia Street	5	140	15	5	195	50	15	20	35	45	205	35
35	Evergreen Blvd & Washington Street	-	-	-	20	365	50	-	20	20	35	235	-
36	Evergreen Blvd & Main Street	15	40	-	5	240	15	5	35	-	5	240	5
37	Evergreen Blvd & Broadway Street	5	40	5	-	105	10	-	25	15	5	235	15
38	Evergreen Blvd & C Street	120	170	20	15	390	15	-	30	-	65	115	5
39	Evergreen Blvd & Fort Vancouver Way	15	40	5	30	85	125	40	20	5	5	40	20
40	8th Street & Columbia Street	65	475	-	30	165	40	30	-	30	-	-	5
41	8th Street & C Street	110	305	-	-	400	55	5	-	175	-	-	-
42	6th Street & Grant Street	-	130	125	10	225	-	-	-	-	135	-	15
43	6th Street & Esther Street	20	20	15	20	20	20	-	90	40	45	110	25
44	6th Street & Columbia Street	125	525	-	20	160	15	-	100	25	65	40	15
45	6th Street & Washington Street	-	-	-	30	135	50	-	90	30	10	70	-
46	6th Street & Main Street	5	10	-	40	15	60	5	115	-	-	15	-
47	6th Street & Broadway Street	-	-	-	25	-	15	20	135	-	-	-	-
48	6th Street & C Street/I-5 SB On-Ramp	-	380	-	-	295	-	-	-	160	-	-	-
49	5th Street & Washington Street	-	-	-	140	-	35	-	10	195	5	5	-
49A	5th Street & Main St	5	5	5	5	10	-	5	5	140	5	5	5
50	Phil Arnold Way & Esther Street	-	35	50	30	75	-	-	-	-	215	-	20

Modified LPA 3 Volumes

Modified LPA 3 AM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
51	Phil Arnold Way & Columbia Street/SR-14 WB Off-ramp	20	205	-	65	180	5	40	-	40	200	210	370
51A	Phil Arnold Way & Main St/SR 14 EB On-Ramp	-	15	20	140	15	-	-	65	-	-	-	-
52	Columbia Way & Esther Street	-	45	40	85	85	120	25	45	-	-	50	15
53	Columbia Way & Columbia Street	-	-	-	385	-	35	95	75	-	-	30	130
53A	Columbia Way & Main St	-	-	-	5	-	10	20	230	-	-	135	15
54	Columbia House Blvd & SR 14 EB/WB On-/Off-Ramp (SPUI)	140	60	70	85	405	150	205	-	415	-	-	-
55	Columbia Way & Columbia Shores Blvd	-	70	5	690	70	60	30	25	-	5	15	170
56	Hayden Island Dr (South) & Center Ave	10	5	90	10	30	5	5	80	135	145	305	25
57A	Hayden Island Dr (South) & Arterial Bridge Access Rd	335	-	50	-	-	-	-	30	150	150	140	-
58A	Hayden Island Dr (South) & Jantzen Dr	265	-	55	-	-	-	-	10	75	70	25	-
59	Center Ave & N Tomahawk Island Dr	-	-	-	260	-	50	55	15	-	-	10	50
59A	Tomahawk Island Dr & Arterial Bridge Access	40	275	300	10	280	10	75	80	120	180	10	35
61	Tomahawk Island Dr & Jantzen Dr	35	85	140	10	40	95	195	190	5	95	95	40
62A	I-5 SB Hayden Island Off-Ramp & Tomahawk Island Dr	-	-	-	445	-	225	-	55	-	-	10	-
62B	I-5 NB Hayden Island On-Ramp & Tomahawk Island Dr	-	-	-	-	-	-	240	260	-	-	10	130
63	Marine Dr/MLK Blvd & I-5 NB/SB On-/Off-Ramps	395	-	205	1470	-	975	550	190	160	220	410	835
64	Marine Dr & Vancouver Way	10	345	255	20	100	95	10	-	10	35	30	20
64A	I-5 SB Marine Drive On-Ramp & N Pier 99 St	-	-	-	-	-	-	-	10	10	560	30	-
64B	I-5 NB Marine Drive Off-Ramp & N Pier 99 St	10	-	490	-	-	-	-	10	-	-	580	-
64C	N Vancouver Way & N Pier 99 St	-	-	-	10	-	490	570	10	-	-	125	10
65	Marine Dr and Anchor Way	-	-	-	20	-	50	50	325	-	-	165	20
67	Victory Blvd & Expo Rd	-	95	215	-	5	-	-	-	-	20	-	120
68	Victory Blvd & Interstate Ave/Denver Ave NB Off-Ramp	45	-	55	-	-	-	-	215	-	-	95	-
69	Victory Blvd & I-5 SB On-Ramp	-	-	-	-	-	-	-	245	25	80	95	-
70	Victory Blvd & I-5 NB Off-Ramp/Whitaker Rd	40	-	100	-	-	-	60	185	-	-	135	365
71	Interstate Ave/Denver Ave & Schmeer Rd	-	380	60	135	960	-	-	-	-	40	-	40
72	Columbia Blvd & I-5 NB/SB On-/Off-Ramp	-	-	-	275	-	255	235	600	-	-	495	270
73	Columbia Blvd & MLK Blvd	185	275	70	255	325	40	75	570	130	55	530	305

Modified LPA 3 Volumes

Modified LPA 3 PM Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1	Ross Street & Main Street (Hwy 99)	-	915	55	80	750	-	-	-	-	45	-	120
2	Hazel Dell & Main Street (West) & stop controlled slip ramp	170	-	-	85	525	45	-	30	155	-	-	-
3	39th Street & Main Street	75	340	90	100	295	120	120	410	40	50	335	70
4	39th Street & I-5 SB On-/Off-Ramps	25	-	505	-	-	-	-	425	280	45	570	-
5	39th Street & I-5 NB On-/Off-Ramps	365	-	90	-	-	-	55	875	-	-	250	560
6	15th Ave & SR 500 WB Off-Ramp	-	90	-	-	90	-	-	-	-	635	-	65
7	15th Ave & SR 500 EB On-Ramp/39th Street	60	10	60	50	60	615	80	715	110	-	-	-
8	Saint Johns Blvd & SR 500 WB On-/Off-Ramps	65	710	-	-	525	200	-	-	-	330	-	225
9	Saint Johns Blvd & SR 500 EB On-/Off-Ramps	-	455	310	320	535	-	320	-	70	-	-	-
10	4th Plain Blvd & Main Street	45	205	110	45	185	40	50	425	45	105	400	15
11	4th Plain Blvd & Broadway Street	15	80	90	10	25	-	-	565	15	70	505	40
12	4th Plain Blvd & I-5 SB On-/Off-Ramps	-	-	-	305	-	505	260	630	-	-	520	290
13	4th Plain Blvd & I-5 NB On-/Off-Ramps	315	5	400	-	-	-	455	480	-	-	495	470
14	4th Plain Blvd & Saint Johns Blvd	110	50	30	-	15	95	100	620	20	15	605	15
15	4th Plain Blvd & Fort Vancouver Way	20	105	75	65	75	30	35	470	45	45	555	85
16	McLoughlin Blvd & Main Street	-	245	15	15	170	30	30	40	25	10	40	35
17	McLoughlin Blvd & Broadway Street	-	50	15	20	55	10	10	50	10	5	75	65
18	McLoughlin Blvd & F Street	-	-	5	-	-	-	-	120	-	-	85	-
19	McLoughlin Blvd & Fort Vancouver Way	90	130	60	30	90	40	10	40	70	35	40	15
20	Mill Plain Blvd & Franklin Street	30	35	195	60	25	-	10	600	10	135	385	95
21	Mill Plain Blvd WB & Columbia Street	45	95	-	-	85	5	-	-	-	155	565	55
22	Mill Plain Blvd WB & Washington Street	-	-	-	-	75	5	-	-	-	240	770	40
23	Mill Plain Blvd WB & Main Street	45	170	-	-	210	40	-	-	-	105	965	215
24	Mill Plain Blvd WB & Broadway Street	5	65	-	-	70	25	-	-	-	55	1255	20
25	Mill Plain Blvd WB & C Street	15	65	-	-	290	50	-	-	-	135	1265	130
26	Mill Plain Blvd EB & Columbia Street	-	135	480	40	200	-	5	840	10	-	-	-
27	Mill Plain Blvd EB & Washington Street	-	-	-	80	235	-	-	1335	25	-	-	-
28	Mill Plain Blvd EB & Main Street	-	175	230	110	205	-	40	1370	5	-	-	-
29	Mill Plain Blvd EB & Broadway Street	-	60	235	70	55	-	10	1695	5	-	-	-
30	Mill Plain Blvd EB & C Street	-	75	510	245	180	-	5	1990	5	-	-	-
31	Mill Plain Blvd & I-5 SB On-/Off-Ramps	-	-	-	320	-	885	-	1875	870	300	645	-
32	Mill Plain Blvd & I-5 NB On-/Off-Ramps	455	-	410	-	-	-	1630	565	-	-	490	510
33	Mill Plain Blvd & Fort Vancouver Way	200	70	25	40	40	115	175	715	85	65	685	35
34	Evergreen Blvd & Columbia Street	35	440	35	15	240	30	75	135	15	65	85	50
35	Evergreen Blvd & Washington Street	-	-	-	30	265	55	-	110	75	65	145	-
36	Evergreen Blvd & Main Street	5	215	-	30	115	50	35	105	-	5	155	55
37	Evergreen Blvd & Broadway Street	5	160	20	-	25	20	-	130	5	5	190	35
38	Evergreen Blvd & C Street	75	525	60	20	245	30	-	150	-	35	125	45
39	Evergreen Blvd & Fort Vancouver Way	5	100	15	50	20	120	130	85	15	5	80	65
40	8th Street & Columbia Street	30	710	-	-	60	45	90	-	10	-	-	30
41	8th Street & C Street	125	550	-	-	235	45	110	-	130	-	-	-
42	6th Street & Grant Street	-	450	195	30	330	-	-	-	-	130	-	20
43	6th Street & Esther Street	35	155	60	45	50	15	-	210	15	45	100	30
44	6th Street & Columbia Street	65	695	60	40	15	15	-	300	15	40	95	45
45	6th Street & Washington Street	-	-	-	70	315	90	-	205	195	20	90	-
46	6th Street & Main Street	10	5	-	20	15	75	120	155	-	-	25	5
47	6th Street & Broadway Street	-	-	-	75	-	30	45	130	-	-	-	-
48	6th Street & C Street/I-5 SB On-Ramp	-	395	-	-	365	-	-	-	205	-	-	-
49	5th Street & Washington Street	-	-	-	480	-	50	-	10	-	-	10	-
49A	5th Street & Main St	5	5	5	5	10	-	5	5	480	5	5	5
50	Phil Arnold Way & Esther Street	-	200	45	5	105	-	-	-	-	90	-	50

Modified LPA 3 Volumes

ID	Intersection	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
1	Ross Street & Main Street (Hwy 99)	-	915	55	80	750	-	-	-	-	45	-	120
51	Phil Arnold Way & Columbia Street/SR-14 WB Off-ramp	15	505	-	10	55	5	50	-	-	50	120	215
51A	Phil Arnold Way & Main St/SR 14 EB On-Ramp	-	15	105	480	15	-	-	10	-	-	-	-
52	Columbia Way & Esther Street	10	215	50	25	55	115	25	175	10	5	80	5
53	Columbia Way & Columbia Street	-	-	-	45	-	60	125	125	-	-	30	395
53A	Columbia Way & Main St	-	-	-	5	-	10	105	165	-	-	290	15
54	Columbia House Blvd & SR 14 EB/WB On-/Off-Ramp (SPUI)	305	95	130	210	225	400	295	-	240	-	-	-
55	Columbia Way & Columbia Shores Blvd	-	145	-	135	235	95	75	10	-	15	5	310
56	Hayden Island Dr (South) & Center Ave	5	10	50	10	50	5	5	115	140	120	285	20
57A	Hayden Island Dr (South) & Arterial Bridge Access Rd	290	-	65	-	-	-	-	90	85	85	135	-
58A	Hayden Island Dr (South) & Jantzen Dr	195	-	190	-	-	-	-	20	135	135	25	-
59	Center Ave & N Tomahawk Island Dr	-	-	-	195	-	115	35	75	-	-	30	30
59A	Tomahawk Island Dr & Arterial Bridge Access	40	220	350	10	150	10	90	90	90	150	10	45
61	Tomahawk Island Dr & Jantzen Dr	5	120	135	35	135	100	200	200	50	190	100	65
62A	I-5 SB Hayden Island Off-Ramp & Tomahawk Island Dr	-	-	-	455	-	290	-	180	-	-	70	-
62B	I-5 NB Hayden Island On-Ramp & Tomahawk Island Dr	-	-	-	-	-	-	375	260	-	-	70	305
63	Marine Dr/MLK Blvd & I-5 NB/SB On-/Off-Ramps	75	-	120	870	-	570	1035	480	155	40	250	840
64	Marine Dr & Vancouver Way	50	495	180	60	230	85	10	-	10	90	60	50
64A	I-5 SB Marine Drive On-Ramp & N Pier 99 St	-	-	-	-	-	-	-	10	10	370	30	-
64B	I-5 NB Marine Drive Off-Ramp & N Pier 99 St	10	-	425	-	-	-	-	10	-	-	390	-
64C	N Vancouver Way & N Pier 99 St	-	-	-	10	-	425	380	10	-	-	185	10
65	Marine Dr and Anchor Way	-	-	-	40	-	105	130	425	-	-	270	25
67	Victory Blvd & Expo Rd	-	160	50	280	35	-	-	-	-	60	-	360
68	Victory Blvd & Interstate Ave/Denver Ave NB Off-Ramp	145	-	200	-	-	-	-	330	-	-	275	-
69	Victory Blvd & I-5 SB On-Ramp	-	-	-	-	-	-	-	470	60	230	275	-
70	Victory Blvd & I-5 NB Off-Ramp/Whitaker Rd	45	-	30	-	-	-	260	210	-	-	460	625
71	Interstate Ave/Denver Ave & Schmeer Rd	-	845	155	80	965	-	-	-	-	170	-	150
72	Columbia Blvd & I-5 NB/SB On-/Off-Ramp	-	-	-	370	-	175	135	910	-	-	925	290
73	Columbia Blvd & MLK Blvd	280	550	105	305	515	45	110	855	290	110	855	285