

Attachment F: GEH Results

Existing AM GEH (7-8 a.m.) - Intersection								
Intersection Number	Intersection Name	Movement	Input Volume	VISSIM Output Volume	Diff	%Diff	Standard Deviation	GEH
9	SW 4th Ave @ SW Harrison St	NBL	21	12	-9	-43%	3	2.2
		NBT	853	795	-58	-7%	33	2.0
		NBR	89	69	-20	-22%	5	2.3
		EBL	51	33	-18	-35%	6	2.8
		EBT	52	80	28	54%	6	3.4
		WBT	55	49	-6	-11%	4	0.8
		WBR	176	207	31	18%	17	2.2
		Total	1297	1244	-53	-4%	42	1.5
12	SW 1st Ave @ SW Harrison St	NBL	60	56	-4	-7%	6	0.5
		NBR	65	84	19	29%	9	2.2
		SBL	20	28	8	40%	3	1.6
		SBT	105	93	-12	-11%	6	1.2
		SBR	24	24	0	0%	5	0.0
		EBT	102	125	23	23%	7	2.2
		EBR	42	34	-8	-19%	4	1.3
		WBL	22	31	9	41%	5	1.7
		WBT	134	175	41	31%	17	3.3
		Total	574	648	74	13%	14	3.0
13	SW Naito Pkwy @ SW Harrison St	NBL	101	125	24	24%	15	2.3
		NBT	1035	979	-56	-5%	30	1.8
		NBR	50	50	0	0%	6	0.0
		SBT	274	247	-27	-10%	6	1.7
		SBR	20	39	19	95%	5	3.5
		EBL	64	92	28	44%	9	3.2
		EBT	94	94	0	0%	7	0.0
		EBR	29	49	20	69%	6	3.2
		WBL	26	25	-1	-4%	6	0.2
		WBT	35	42	7	20%	5	1.1
		WBR	11	10	-1	-9%	3	0.3
		Total	1739	1753	14	1%	42	0.3
16	SW 5th Ave @ SW Montgomery St	SBT	196	201	5	3%	2	0.4
		WBL	8	6	-2	-25%	0	0.8
		Total	204	206	2	1%	3	0.1
17	SW 6th Ave @ SW Harrison St	NBL	9	11	2	22%	3	0.6
		NBT	362	342	-20	-6%	21	1.1
		NBR	54	58	4	7%	7	0.5
		EBL	9	11	2	22%	3	0.6
		EBT	33	25	-8	-24%	3	1.5
		WBT	26	16	-10	-38%	4	2.2
		WBR	23	28	5	22%	4	1.0
		Total	516	491	-25	-5%	20	1.1
18	SW 5th Ave @ SW Harrison St	SBL	44	57	13	30%	4	1.8
		SBT	160	150	-10	-6%	4	0.8
		EBT	59	56	-3	-5%	7	0.4
		EBR	16	14	-2	-13%	3	0.5
		WBL	25	15	-10	-40%	3	2.2
		WBT	51	45	-6	-12%	5	0.9
		Total	355	337	-18	-5%	7	1.0
19	SW 6th Ave @ SW Hall St	NBL	13	12	-1	-8%	2	0.3
		NBT	556	612	56	10%	24	2.3
		EBL	6	7	1	17%	2	0.4
		EBT	12	7	-5	-42%	2	1.6
		WBT	6	0	-6	-100%	0	3.5
		WBR	20	20	0	0%	3	0.0
		Total	613	658	45	7%	24	1.8
20	SW 5th Ave @ SW Hall St	SBL	4	0	-4	-100%	0	2.8
		SBT	197	180	-17	-9%	6	1.2
		EBT	9	0	-9	-100%	0	4.2
		EBR	5	6	1	20%	2	0.4
		WBL	8	0	-8	-100%	0	4.0
		WBT	26	20	-6	-23%	3	1.3
		Total	249	206	-43	-17%	9	2.9
21	SW 4th Ave @ SW Hall St	NBL	34	20	-14	-41%	4	2.7
		NBT	950	877	-73	-8%	33	2.4
		EBL	13	0	-13	-100%	0	5.1
		Total	997	896	-101	-10%	32	3.3
		SBL	18	17	-1	-6%	4	0.2
		SBT	304	302	-2	-1%	5	0.1

Existing AM GEH (7-8 a.m.) - Intersection								
Intersection Number	Intersection Name	Movement	Input Volume	VISSIM Output Volume	Diff	%Diff	Standard Deviation	GEH
22	SW Broadway @ SW College St	SBR	6	6	0	0%	2	0.0
		EBT	1	0	-1	-100%	0	1.4
		EBR	1	0	-1	-100%	0	1.4
		WBL	186	188	2	1%	10	0.1
		WBT	5	4	-1	-20%	2	0.5
		Total	521	518	-3	-1%	11	0.1
23	SW 6th Ave @ SW College St	NBL	163	146	-17	-10%	11	1.4
		NBT	542	611	69	13%	23	2.9
		EBL	6	7	1	17%	2	0.4
		EBT	13	11	-2	-15%	2	0.6
		WBT	28	49	21	75%	8	3.4
		WBR	21	8	-13	-62%	2	3.4
		Total	773	832	59	8%	26	2.1
24	SW 5th Ave @ SW College St	SBL	18	10	-8	-44%	3	2.1
		SBT	192	216	24	13%	8	1.7
		EBT	3	0	-3	-100%	0	2.4
		EBR	10	10	0	0%	2	0.0
		WBL	97	77	-20	-21%	11	2.1
		WBT	49	57	8	16%	8	1.1
		Total	369	369	0	0%	14	0.0
25	SW 4th Ave @ SW College St	NBL	146	134	-12	-8%	17	1.0
		NBT	963	886	-77	-8%	32	2.5
		EBL	21	10	-11	-52%	3	2.8
		Total	1130	1030	-100	-9%	32	3.0
26	SW Broadway @ SW Jackson St	SBL	5	0	-5	-100%	0	3.2
		SBT	454	464	10	2%	14	0.5
		SBR	32	28	-4	-13%	6	0.7
		EBT	21	21	0	0%	3	0.0
		EBR	33	33	0	0%	2	0.0
		WBL	253	242	-11	-4%	13	0.7
		WBT	25	25	0	0%	4	0.0
		Total	823	812	-11	-1%	18	0.4
27	SW 6th Ave @ SW Jackson St	NBL	278	269	-9	-3%	10	0.5
		NBT	350	416	66	19%	21	3.4
		EBL	26	21	-5	-19%	3	1.0
		WBR	329	324	-5	-2%	2	0.3
		Total	983	1029	46	5%	23	1.5
28	SW 6th Ave @ I-405/Hwy 26 On-Ramp	NBL	1494	1466	-28	-2%	18	0.7
		Total	1494	1466	-28	-2%	18	0.7
29	SW 5th Ave @ SW Jackson St	SBL	107	106	-1	-1%	8	0.1
		SBT	61	65	4	7%	9	0.5
		SBR	43	34	-9	-21%	5	1.5
		EBR	1	0	-1	-100%	0	1.4
		Total	212	206	-6	-3%	11	0.4
30	SW 5th Ave @ SW Lincoln St	SBL	45	57	12	27%	6	1.7
		SBT	16	11	-5	-31%	4	1.4
		WBL	6	0	-6	-100%	0	3.5
		WBU	10	10	0	0%	2	0.0
		Total	77	88	11	14%	7	1.2
31	SW 4th Ave @ SW Lincoln St	NBL	10	7	-3	-30%	2	1.0
		NBT	765	723	-42	-5%	32	1.5
		EBL	13	2	-11	-85%	1	4.0
		EBT	42	65	23	55%	6	3.1
		WBT	6	3	-3	-50%	1	1.4
		WBR	156	136	-20	-13%	9	1.7
		Total	1341	1265	-76	-6%	33	2.1
32	SW 3rd Ave @ SW Lincoln St	NBR	33	29	-4	-12%	1	0.7
		SBR	15	13	-2	-13%	0	0.5
		EBT	64	95	31	48%	8	3.5
		EBR	52	51	-1	-2%	6	0.1
		WBT	147	126	-21	-14%	8	1.8
		WBR	54	49	-5	-9%	7	0.7
		Total	365	363	-2	-1%	13	0.1
		NBL	6	9	3	50%	1	1.1
		NBR	6	1	-5	-83%	1	2.7
		SBL	2	0	-2	-100%	0	2.0
		SBR	15	17	2	13%	0	0.5
		EBL	3	2	-1	-33%	1	0.6

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Intersection Number	Intersection Name	Movement	Input Volume	VISSIM Output Volume	Diff	%Diff	Standard Deviation	GEH
33	SW 2nd Ave @ SW Lincoln St	EBT	62	91	29	47%	7	3.3
		EBR	32	30	-2	-6%	6	0.4
		WBL	9	8	-1	-11%	3	0.3
		WBT	180	150	-30	-17%	11	2.3
		WBR	15	13	-2	-13%	3	0.5
		Total	330	322	-8	-2%	13	0.4
34	SW 1st Ave @ SW Lincoln St	NBL	123	61	-62	-50%	8	6.5
		NBT	149	153	4	3%	12	0.3
		SBT	88	57	-31	-35%	5	3.6
		SBR	81	102	21	26%	9	2.2
		EBL	15	26	11	73%	3	2.4
		EBR	55	54	-1	-2%	6	0.1
		Total	511	452	-59	-12%	15	2.7
35	SW Naito Pkwy @ SW Lincoln St	NBT	1274	1238	-36	-3%	40	1.0
		SBT	342	332	-10	-3%	9	0.5
		Total	1616	1570	-46	-3%	43	1.2
36	SW 4th Ave @ SW Grant St	SBU	0	11	11	0%	4	4.7
		Total	22	11	-11	-50%	4	2.7
37	SW Broadway @ I-405 SB Off-Ramp/SW Lincoln St	NBR	145	169	24	17%	4	1.9
		SBL	314	326	12	4%	14	0.7
		SBT	101	97	-4	-4%	9	0.4
		SBR	7	7	0	0%	2	0.0
		EBT	1239	1238	-1	0%	9	0.0
		EBR	57	57	0	0%	6	0.0
		EBU	6	6	0	0%	3	0.0
		Total	1869	1900	31	2%	17	0.7
38	SW Broadway @ SW Grant St/SW 6th Ave	NBT	454	462	8	2%	10	0.4
		EBL	168	137	-31	-18%	12	2.5
		EBT	964	982	18	2%	23	0.6
		EBR	566	560	-6	-1%	17	0.3
		WBR	1500	1482	-18	-1%	15	0.5
		Total	3652	3623	-29	-1%	21	0.5
39	SW Broadway @ SW 5th Ave	SBT	89	64	-25	-28%	9	2.9
		EBR	964	982	18	2%	24	0.6
		WBT	1500	1478	-22	-1%	17	0.6
		Total	2553	2524	-29	-1%	28	0.6
40	SW 4th Ave @ SW Caruthers St	NBL	7	4	-3	-43%	2	1.3
		NBT	403	423	20	5%	7	1.0
		SBT	559	555	-4	-1%	17	0.2
		SBR	7	4	-3	-43%	1	1.3
		EBL	5	5	0	0%	1	0.0
		EBR	5	5	0	0%	1	0.0
		WBL	120	99	-21	-18%	12	2.0
		WBT	1	10	9	900%	3	3.8
		WBR	46	42	-4	-9%	7	0.6
		Total	1153	1146	-7	-1%	26	0.2
41	SW 5th Ave @ SW Caruthers St	SBT	1020	1014	-6	-1%	28	0.2
		SBR	33	57	24	73%	6	3.6
		WBL	5	2	-3	-60%	1	1.6
		WBT	134	95	-39	-29%	10	3.6
		Total	1192	1168	-24	-2%	34	0.7
42	SW 4th Ave @ SW Caruthers St/SW Broadway	NBL	562	501	-61	-11%	15	2.6
		NBT	710	658	-52	-7%	24	2.0
		WBT	1077	1058	-19	-2%	19	0.6
		WBR	43	61	18	42%	10	2.5
		Total	2392	2279	-113	-5%	37	2.3
43	SW 5th Ave @ SW Sheridan St	SBL	1025	1010	-15	-1%	25	0.5
		EBT	164	160	-4	-2%	8	0.3
		Total	1189	1171	-18	-2%	28	0.5
44	SW 6th Ave/SW Terwilliger Blvd @ SW Sheridan St	NBL	0	0	0	0%	0	0.0
		NBT	410	426	16	4%	7	0.8
		NBR	153	147	-6	-4%	7	0.5
		SBL	11	14	3	27%	4	0.8
		SBT	667	638	-29	-4%	24	1.1
		SBR	6	6	0	0%	2	0.0
		Total	1247	1231	-16	-1%	25	0.5
		NBT	1209	1131	-78	-6%	25	2.3
		NBR	47	46	-1	-2%	7	0.1

Existing AM GEH (7-8 a.m.) - Intersection								
Intersection Number	Intersection Name	Movement	Input Volume	VISSIM Output Volume	Diff	%Diff	Standard Deviation	GEH
45	SW 4th Ave/SW Barbur Blvd @ SW Sheridan St	EBL	63	75	12	19%	6	1.4
		EBT	907	906	-1	0%	24	0.0
		EBR	219	185	-34	-16%	16	2.4
		Total	2445	2343	-102	-4%	46	2.1
46	SW 1st Ave @ SW Sheridan St	NBL	0	0	0	0%	0	0.0
		NBT	253	213	-40	-16%	12	2.6
		NBR	17	37	20	118%	3	3.8
		SBL	44	31	-13	-30%	5	2.1
		SBT	90	76	-14	-16%	7	1.5
		SBR	5	3	-2	-40%	1	1.0
		EBL	0	0	0	0%	0	0.0
		EBT	0	1	1	0%	1	1.4
		EBR	5	1	-4	-80%	1	2.3
		WBL	20	56	36	180%	6	5.8
		WBT	0	2	2	0%	1	2.0
		WBR	13	4	-9	-69%	1	3.1
		Total	447	425	-22	-5%	17	1.1
47	SW Naito Pkwy @ SW Sheridan St	SBR	33	62	29	88%	7	4.2
		EBR	61	69	8	13%	7	1.0
		Total	94	131	37	39%	9	3.5
48	SW 1st Ave @ SW Arthur St	NBL	11	11	0	0%	3	0.0
		NBT	90	81	-9	-10%	7	1.0
		NBR	17	18	1	6%	4	0.2
		SBL	21	36	15	71%	5	2.8
		SBT	35	45	10	29%	7	1.6
		SBR	26	25	-1	-4%	6	0.2
		EBL	43	23	-20	-47%	4	3.5
		EBT	847	867	20	2%	20	0.7
		EBR	10	4	-6	-60%	0	2.3
		WBT	1122	1094	-28	-2%	26	0.8
		WBR	137	148	11	8%	10	0.9
		Total	2359	2351	-8	0%	40	0.2
49	SW Naito Pkwy @ SW Arthur St	EBT	166	173	7	4%	17	0.5
		EBR	719	747	28	4%	15	1.0
		Total	885	920	35	4%	22	1.2
50	SW Naito Pkwy @ SW Kelly St	WBT	1257	1241	-16	-1%	28	0.5
		WBR	744	726	-18	-2%	25	0.7
		Total	2003	1967	-36	-2%	43	0.8
51	SW Water St @ SW Kelly St	SBL	6	7	1	17%	2	0.4
		SBR	46	42	-4	-9%	2	0.6
		EBL	83	90	7	8%	12	0.8
		EBT	115	127	12	10%	10	1.1
		WBT	1955	1928	-27	-1%	45	0.6
		WBR	106	109	3	3%	9	0.3
		Total	2311	2302	-9	0%	49	0.2
52	SW Barbur Blvd @ SW Hooker St	NBL	1	2	1	100%	2	0.8
		NBT	1240	1193	-47	-4%	34	1.3
		NBR	27	9	-18	-67%	2	4.2
		SBL	24	14	-10	-42%	3	2.3
		SBT	185	168	-17	-9%	14	1.3
		SBR	1	0	-1	-100%	0	1.4
		EBL	4	3	-1	-25%	1	0.5
		EBT	3	2	-1	-33%	1	0.6
		EBR	4	3	-1	-25%	2	0.5
		WBL	4	8	4	100%	2	1.6
		WBT	1	0	-1	-100%	0	1.4
		WBR	37	17	-20	-54%	3	3.8
		Total	1531	1421	-110	-7%	34	2.9
53	SW Naito Pkwy @ SW Hooker St	NBT	529	526	-3	-1%	24	0.1
		SBT	153	182	29	19%	9	2.2
		SBR	217	160	-57	-26%	14	4.2
		EBR	719	741	22	3%	16	0.8
		WBR	7	6	-1	-14%	0	0.4
		Total	1625	1614	-11	-1%	31	0.3
54	SW Corbett Ave/SW Kelly St @ SW Macadam Ave	NBL	1300	1273	-27	-2%	27	0.8
		WBT	761	769	8	1%	27	0.3
		WBR	105	105	0	0%	11	0.0
		Total	2166	2147	-19	-1%	46	0.4

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56	SW Kelly St/SW Corbett Ave @ SW Porter St/SW Hood Ave	NBT	1300	1273	-27	-2%	27	0.8
		NBR	1034	1049	15	1%	34	0.5
		SBL	67	68	1	1%	4	0.1
		SBT	24	26	2	8%	6	0.4
		SBR	30	39	9	30%	5	1.5
		EBR	15	13	-2	-13%	0	0.5
		Total	2470	2468	-2	0%	27	0.0
58	SW Barbur Blvd @ SW Woods St	NBL	1	0	-1	-100%	0	1.4
		NBT	1237	1187	-50	-4%	33	1.4
		NBR	24	18	-6	-25%	5	1.3
		SBL	13	12	-1	-8%	4	0.3
		SBT	180	167	-13	-7%	13	1.0
		SBR	0	0	0	0%	0	0.0
		EBL	0	6	6	0%	0	3.5
		EBT	6	0	-6	-100%	0	3.5
		EBR	2	0	-2	-100%	0	2.0
		WBL	2	26	24	1200%	4	6.4
		WBT	0	1	1	0%	1	1.4
		WBR	25	14	-11	-44%	4	2.5
		Total	1490	1432	-58	-4%	32	1.5
59	SW Water Ave @ Ross Island Bridge	SBR	12	10	-2	-17%	0	0.6
		WBT	696	691	-5	-1%	22	0.2
		WBR	66	70	4	6%	9	0.5
		Total	774	771	-3	0%	27	0.1
61	SW Naito Pkwy @ Ross Island Bridge	NBR	583	536	-47	-8%	19	2.0
		EBT	788	774	-14	-2%	16	0.5
		Total	1371	1309	-62	-5%	24	1.7
62	Kelly Ramps @ Ross Island Bridge	NBR	230	225	-5	-2%	12	0.3
		Total	230	225	-5	-2%	12	0.3
63	Hwy 99E SB @ Ross Island Bridge EB	EBT	1012	949	-63	-6%	35	2.0
		EBR	589	573	-16	-3%	24	0.7
		WBT	3096	3079	-17	-1%	24	0.3
		Total	4697	4601	-96	-2%	30	1.4
64	Hwy 99E NB @ Ross Island Bridge EB	NBR	24	23	-1	-4%	0	0.2
		EBT	1012	948	-64	-6%	35	2.0
		Total	1036	971	-65	-6%	35	2.1
65	SE 8th Ave @ SE Powell Blvd	NBR	12	10	-2	-17%	0	0.6
		SBR	807	796	-11	-1%	4	0.4
		EBT	1026	959	-67	-7%	35	2.1
		EBR	10	10	0	0%	3	0.0
		WBT	2289	2280	-9	0%	24	0.2
		WBR	14	15	1	7%	4	0.3
		Total	4158	4071	-87	-2%	44	1.4
66	SE 10th Ave @ SE Powell Blvd	NBR	11	10	-1	-9%	0	0.3
		SBR	66	63	-3	-5%	1	0.4
		EBL	125	107	-18	-14%	8	1.7
		EBT	903	854	-49	-5%	32	1.7
		EBR	10	7	-3	-30%	2	1.0
		WBL	0	0	0	0%	0	0.0
		WBT	2237	2241	4	0%	22	0.1
		WBR	24	24	0	0%	5	0.0
		Total	3376	3305	-71	-2%	40	1.2
67	SE Milwaukie Ave @ SE Powell Blvd	NBL	410	420	10	2%	13	0.5
		NBT	173	174	1	1%	13	0.1
		NBR	18	16	-2	-11%	3	0.5
		SBL	122	119	-3	-2%	11	0.3
		SBT	58	58	0	0%	8	0.0
		SBR	202	196	-6	-3%	13	0.4
		EBT	892	835	-57	-6%	29	1.9
		EBR	22	28	6	27%	6	1.2
		WBL	19	19	0	0%	4	0.0
		WBT	1649	1651	2	0%	11	0.0
		WBR	219	219	0	0%	8	0.0
		Total	3784	3736	-48	-1%	30	0.8
68	SW Water Ave @ SW Grover St	EBT	42	25	-17	-40%	5	2.9
		EBR	0	19	19	0%	4	6.2
		WBL	0	0	0	0%	0	0.0
		WBT	113	120	7	6%	5	0.6

Existing AM GEH (7-8 a.m.) - Intersection								
Intersection Number	Intersection Name	Movement	Input Volume	VISSIM Output Volume	Diff	%Diff	Standard Deviation	GEH
		Total	155	164	9	6%	9	0.7
69	SW Naito Pkwy @ SW Gibbs St/Naito Ramps	NBT	1175	1130	-45	-4%	27	1.3
		NBR	9	12	3	33%	3	0.9
		WBR	0	5	5	0%	2	3.2
		Total	1184	1147	-37	-3%	25	1.1
70	SW Kelly Ave @ SW Gibbs St	NBL	5	15	10	200%	5	3.2
		NBT	230	229	-1	0%	12	0.1
		NBR	5	0	-5	-100%	0	3.2
		SBL	13	4	-9	-69%	2	3.1
		SBT	134	118	-16	-12%	8	1.4
		SBR	1	8	7	700%	2	3.3
		EBR	15	26	11	73%	5	2.4
		Total	403	399	-4	-1%	22	0.2
71	SW Barbur Blvd @ SW Whitaker St	NBR	17	16	-1	-6%	4	0.2
		SBL	4	2	-2	-50%	1	1.2
		WBL	25	23	-2	-8%	4	0.4
		WBR	66	68	2	3%	4	0.2
		Total	112	110	-2	-2%	5	0.2
72	SW Naito Pkwy @ SW Whitaker St	SBT	760	785	25	3%	22	0.9
		SBR	101	95	-6	-6%	6	0.6
		EBR	2	2	0	0%	1	0.0
		Total	865	883	18	2%	23	0.6
73	SW Kelly Ave @ SW Whitaker St	NBL	4	3	-1	-25%	2	0.5
		NBT	64	60	-4	-6%	4	0.5
		SBT	148	143	-5	-3%	9	0.4
		SBR	1	0	-1	-100%	0	1.4
		EBL	18	18	0	0%	2	0.0
		EBR	5	2	-3	-60%	2	1.6
		WBL	13	18	5	38%	4	1.3
		WBT	12	11	-1	-8%	4	0.3
		WBR	158	166	8	5%	12	0.6
		Total	423	421	-2	0%	21	0.1
74	SW Hood Ave @ SW Whitaker St	SBT	1228	1213	-15	-1%	38	0.4
		SBR	183	195	12	7%	13	0.9
		WBL	571	567	-4	-1%	4	0.2
		Total	1982	1975	-7	0%	44	0.2
75	SW Barbur Blvd @ SW Pennoyer St	NBR	0	0	0	0%	0	0.0
		SBL	0	0	0	0%	0	0.0
		WBL	2	15	13	650%	2	4.5
		WBR	6	5	-1	-17%	2	0.4
		Total	23	20	-3	-13%	1	0.6
76	SW Barbur Blvd @ SW Condor Ave	NBL	1	1	0	0%	1	0.0
		SBR	32	39	7	22%	6	1.2
		EBL	10	7	-3	-30%	1	1.0
		EBR	0	0	0	0%	0	0.0
		Total	43	48	5	12%	6	0.7
77	SW Barbur Blvd @ SW Lane St	NBL	200	197	-3	-2%	16	0.2
		NBT	1191	1105	-86	-7%	34	2.5
		SBT	166	168	2	1%	16	0.2
		SBR	9	7	-2	-22%	3	0.7
		EBL	7	4	-3	-43%	2	1.3
		EBR	33	31	-2	-6%	2	0.4
		Total	1606	1512	-94	-6%	27	2.4
78	SW Barbur Blvd @ SW Abernathy St	NBL	22	16	-6	-27%	1	1.4
		NBR	3	3	0	0%	1	0.0
		EBT	194	206	12	6%	15	0.8
		EBR	5	2	-3	-60%	1	1.6
		WBL	0	0	0	0%	0	0.0
		Total	224	227	3	1%	29	0.2
79	SW Barbur Blvd @ SW Lowell St	NBR	30	20	-10	-33%	4	2.0
		WBR	14	10	-4	-29%	0	1.2
		Total	44	30	-14	-32%	4	2.3
80	SW Barbur Blvd @ SW Bancroft St	NBR	25	20	-5	-20%	4	1.1
		WBR	164	144	-20	-12%	11	1.6
		Total	189	164	-25	-13%	12	1.9
		NBL	143	130	-13	-9%	11	1.1
		NBT	131	129	-2	-2%	9	0.2
		NBR	32	33	1	3%	5	0.2

Existing AM GEH (7-8 a.m.) - Intersection								
Intersection Number	Intersection Name	Movement	Input Volume	VISSIM Output Volume	Diff	%Diff	Standard Deviation	GEH
81	SW Corbett Ave @ SW Bancroft St	SBL	2	3	1	50%	2	0.6
		SBT	39	43	4	10%	2	0.6
		SBR	5	0	-5	-100%	0	3.2
		EBL	2	2	0	0%	1	0.0
		EBT	18	14	-4	-22%	3	1.0
		EBR	5	5	0	0%	2	0.0
		WBL	10	10	0	0%	3	0.0
		WBT	16	15	-1	-6%	3	0.3
		WBR	2	2	0	0%	2	0.0
		Total	405	385	-20	-5%	16	1.0
82	SW Barbur Blvd @ SW Hamilton St	NBT	2185	2131	-54	-2%	26	1.2
		NBR	204	197	-7	-3%	10	0.5
		SBL	150	156	6	4%	17	0.5
		SBT	632	656	24	4%	28	0.9
		SBR	79	77	-2	-3%	7	0.2
		EBL	47	40	-7	-15%	6	1.1
		EBT	29	27	-2	-7%	6	0.4
		EBR	4	4	0	0%	2	0.0
		WBL	84	82	-2	-2%	6	0.2
		WBT	127	115	-12	-9%	10	1.1
		WBR	198	192	-6	-3%	15	0.4
		Total	3739	3678	-61	-2%	38	1.0
83	SW Hamilton Blvd @ SW Corbett Ave	NBL	346	328	-18	-5%	13	1.0
		NBT	236	226	-10	-4%	13	0.7
		NBR	28	28	0	0%	4	0.0
		SBL	0	1	1	0%	1	1.4
		SBT	15	15	0	0%	3	0.0
		SBR	39	42	3	8%	4	0.5
		EBL	68	65	-3	-4%	6	0.4
		EBT	40	38	-2	-5%	5	0.3
		EBR	275	275	0	0%	16	0.0
		WBL	4	4	0	0%	1	0.0
		WBT	24	23	-1	-4%	1	0.2
		WBR	2	1	-1	-50%	1	0.8
		Total	1077	1046	-31	-3%	15	1.0
85	SW Barbur Blvd @ SW Capitol Hwy EB	NBT	1400	1394	-6	0%	5	0.2
		WBR	969	994	25	3%	18	0.8
		Total	2369	2388	19	1%	17	0.4
86	SW Barbur Blvd @ SW Capitol Hwy WB	SBT	256	270	14	5%	13	0.9
		SBR	464	470	6	1%	24	0.3
		Total	720	740	20	3%	29	0.7
87	SW Terwilliger Blvd @ SW Capitol Hwy	NBL	33	35	2	6%	8	0.3
		NBT	178	177	-1	-1%	7	0.1
		NBR	11	12	1	9%	3	0.3
		SBL	8	8	0	0%	3	0.0
		SBT	62	60	-2	-3%	6	0.3
		SBR	46	44	-2	-4%	7	0.3
		EBL	187	185	-2	-1%	17	0.1
		EBT	950	930	-20	-2%	17	0.7
		EBR	21	21	0	0%	4	0.0
		WBL	3	3	0	0%	2	0.0
		WBT	453	456	3	1%	23	0.1
		WBR	8	6	-2	-25%	2	0.8
		Total	1960	1938	-22	-1%	26	0.5
88	SW Barbur Blvd @ Barbur Apartments Driveway	NBR	2	2	0	0%	2	0.0
		SBL	0	0	0	0%	0	0.0
		WBL	0	0	0	0%	0	0.0
		WBR	22	19	-3	-14%	0	0.7
		Total	24	21	-3	-13%	2	0.6
89	15NB Off @ Corbett	NBT	522	511	-11	-2%	6	0.5
		SBT	294	292	-2	-1%	15	0.1
		EBL	88	90	2	2%	6	0.2
		EBR	100	98	-2	-2%	7	0.2
		Total	1004	991	-13	-1%	12	0.4
		NBL	1	1	0	0%	1	0.0
		NBT	59	55	-4	-7%	3	0.5
		NBR	17	0	0	0%	3	0.0
		SBL	135	142	7	5%	8	0.6

Existing AM GEH (7-8 a.m.) - Intersection								
Intersection Number	Intersection Name	Movement	Input Volume	VISSIM Output Volume	Diff	%Diff	Standard Deviation	GEH
90	SW Kelly Ave @ SW Curry St	SBT	30	21	-9	-30%	4	1.8
		SBR	1	0	-1	-100%	0	1.4
		EBL	9	8	-1	-11%	2	0.3
		EBT	50	46	-4	-8%	2	0.6
		EBR	2	3	1	50%	1	0.6
		Total	304	292	-12	-4%	10	0.7
91	Macadam Ave @ Curry St	NBT	1950	1943	-7	0%	16	0.2
		NBR	179	168	-11	-6%	15	0.8
		EBL	113	112	-1	-1%	3	0.1
		Total	2242	2223	-19	-1%	6	0.4
92	1st Ave @ Woods	NBL	24	29	5	21%	5	1.0
		NBT	89	90	1	1%	4	0.1
		SBT	31	36	5	16%	6	0.9
		SBR	6	11	5	83%	3	1.7
		EBL	14	14	0	0%	4	0.0
		EBR	11	8	-3	-27%	3	1.0
		Total	175	189	14	8%	10	1.0
93	SW 1st Ave @ SW Hooker St	NBL	11	6	-5	-45%	3	1.7
		NBT	92	98	6	7%	6	0.6
		NBR	0	0	0	0%	0	0.0
		SBL	0	0	0	0%	0	0.0
		SBT	28	37	9	32%	6	1.6
		SBR	17	12	-5	-29%	2	1.3
		EBL	24	13	-11	-46%	3	2.6
		EBT	2	2	0	0%	1	0.0
		EBR	9	10	1	11%	2	0.3
		WBL	0	0	0	0%	1	0.0
		WBT	3	1	-2	-67%	1	1.4
		WBR	2	1	-1	-50%	1	0.8
		Total	188	179	-9	-5%	9	0.7
94	SW Arthur St Parking Garage @ SW Arthur St	NBR	4	2	-2	-50%	0	1.2
		SBT	93	89	-4	-4%	10	0.4
		Total	97	91	-6	-6%	10	0.6
95	ADP South Driveway @ SW Arthur St	NBR	5	2	-3	-60%	0	1.6
		SBR	1	0	-1	-100%	0	1.4
		EBT	895	892	-3	0%	21	0.1
		EBR	0	0	0	0%	0	0.0
		WBT	1149	1123	-26	-2%	27	0.8
		WBR	10	7	-3	-30%	2	1.0
		Total	2060	2024	-36	-2%	37	0.8
96	3rd Ave @ Sheridan U-Turn	NBU	30	27	-3	-10%	6	0.6
		Total	30	27	-3	-10%	6	0.6
97	SW Naito Pkwy @ Boy Scouts of America Driveway	NBL	6	6	0	0%	2	0.0
		SBR	0	0	0	0%	0	0.0
		EBL	0	0	0	0%	0	0.0
		EBR	0	8	8	0%	3	4.0
		Total	6	14	8	133%	5	2.5
103	SW 3rd Ave Parking Lot OB @ SW Harrison St	SBL	3	3	0	0%	1	0.0
		SBR	13	10	-3	-23%	1	0.9
		Total	16	13	-3	-19%	0	0.8
105	SW Harrison St Parking Garage @ SW Harrison St	WBL	2	1	-1	-50%	1	0.8
		Total	14	13	-1	-7%	3	0.3
		NBL	157	200	43	27%	13	3.2
		EBL	0	0	0	0%	0	0.0
		Total	157	200	43	27%	13	3.2
106	SW 6th Ave @ SW 6th Ave Parking Garage	SBL	2	0	-2	-100%	0	2.0
		EBL	0	0	0	0%	0	0.0
		Total	157	200	43	27%	13	3.2
107	SW Hall St Parking Garage @ SW Hall St	SBL	2	0	-2	-100%	0	2.0
		Total	2	0	-2	-100%	0	2.0
108	SW 1st Ave @ Make-A-Wish Driveway	NBT	125	140	15	12%	9	1.3
		NBR	39	37	-2	-5%	8	0.3
		SBT	164	157	-7	-4%	9	0.6
		WBR	0	0	0	0%	0	0.0
		Total	338	335	-3	-1%	13	0.2
109	SW Naito Pkwy @ Ochin Inc Driveway	NBL	88	78	-10	-11%	7	1.1
		EBR	13	12	-1	-8%	0	0.3
		Total	101	90	-11	-11%	8	1.1

Existing AM GEH (7-8 a.m.) - Intersection								
Intersection Number	Intersection Name	Movement	Input Volume	VISSIM Output Volume	Diff	%Diff	Standard Deviation	GEH
110	SW 4th Ave @ PSU Parking Garage	NBR	110	107	-3	-3%	7	0.3
		WBR	10	9	-1	-10%	0	0.3
		Total	120	116	-4	-3%	7	0.4
111	SW Broadway @ I-405 SB On-ramp	SBL	318	309	-9	-3%	16	0.5
		Total	318	309	-9	-3%	16	0.5
112	SW 1st Ave @ Lincoln Apartments Driveway	SBR	4	1	-3	-75%	1	1.9
		Total	4	1	-3	-75%	1	1.9
113	SW 1st Ave @ Boy Scouts of America Driveway	NBR	0	8	8	0%	3	4.0
		WBR	6	6	0	0%	2	0.0
		Total	6	14	8	133%	5	2.5
115	SW Broadway Dr @ SW Grant St	NBT	145	169	24	17%	3	1.9
		NBR	0	9	9	0%	4	4.2
		SBT	158	154	-4	-3%	8	0.3
		Total	303	332	29	10%	9	1.6
116	SW 1st Ave @ ADP South East Driveway	SBR	33	27	-6	-18%	6	1.1
		Total	33	27	-6	-18%	6	1.1
119	Frontage Road @ SW Kelly Ave	NBR	32	46	14	44%	0	2.2
		Total	32	46	14	44%	0	2.2
120	SW Naito Pkwy Diverge to RI Bridge	SBT	153	182	29	19%	9	2.2
		SBR	217	160	-57	-26%	14	4.2
		Total	370	342	-28	-8%	12	1.5
121	SW Barbur Blvd @ Under Armour Driveway	NBL	25	23	-2	-8%	3	0.4
		SBR	9	7	-2	-22%	3	0.7
		Total	34	30	-4	-12%	5	0.7
123	SW Water St @ SW Gibbs St	SBL	0	19	19	0%	4	6.2
		SBR	0	0	0	0%	0	0.0
		EBT	9	12	3	33%	3	0.9
		WBT	5	5	0	0%	2	0.0
		Total	14	36	22	157%	7	4.4
124	SW Corbett Ave @ SW Gibbs St	NBL	0	5	5	0%	2	3.2
		NBT	113	101	-12	-11%	2	1.2
		NBR	0	0	0	0%	0	0.0
		SBL	15	24	9	60%	5	2.0
		SBT	27	1	-26	-96%	0	6.9
		SBR	0	0	0	0%	0	0.0
		EBL	0	5	5	0%	2	3.2
		EBT	0	2	2	0%	1	2.0
		EBR	9	23	14	156%	5	3.5
		WBL	1	10	9	900%	3	3.8
		WBT	5	0	-5	-100%	0	3.2
		WBR	0	13	13	0%	4	5.1
		Total	170	186	16	9%	9	1.2
125	SW Hood Ave @ SW Gibbs St	EBR	0	4	4	0%	2	2.8
		Total	0	4	4	0%	2	2.8
127	SW Hood Ave @ SW Curry St	SBT	1799	1780	-19	-1%	38	0.4
		EBR	202	204	2	1%	6	0.1
		Total	2001	1984	-17	-1%	41	0.4
128	Barbur/Naito SB Merge	NBT	2569	2489	-80	-3%	32	1.6
		SBT	197	208	11	6%	16	0.8
		EBR	762	787	25	3%	21	0.9
		Total	3528	3484	-44	-1%	32	0.7
129	SW Barbur Blvd SB @ SW Bancroft St	SBR	98	102	4	4%	9	0.4
		Total	98	102	4	4%	9	0.4
131	SW Naito Pkwy @ SW Pennoyer St	NBT	1184	1147	-37	-3%	27	1.1
		SBT	762	786	24	3%	22	0.9
		Total	1946	1933	-13	-1%	22	0.3
132	Macadam @ I-5 NB On-Ramp	NBT	905	904	-1	0%	24	0.0
		NBR	1158	1165	7	1%	26	0.2
		Total	2063	2069	6	0%	19	0.1
133	SW 2nd Ave @ SW Hooker St	NBL	0	0	0	0%	0	0.0
		NBT	0	0	0	0%	0	0.0
		NBR	5	4	-1	-20%	0	0.5
		SBL	0	9	9	0%	2	4.2
		SBT	0	0	0	0%	0	0.0
		SBR	16	8	-8	-50%	2	2.3
		EBL	0	1	1	0%	1	1.4
		EBT	30	12	-18	-60%	2	3.9
		EBR	24	12	-12	-50%	4	2.8

Existing AM GEH (7-8 a.m.) - Intersection								
Intersection Number	Intersection Name	Movement	Input Volume	VISSIM Output Volume	Diff	%Diff	Standard Deviation	GEH
		WBL	0	0	0	0%	0	0.0
		WBT	26	18	-8	-31%	3	1.7
		WBR	5	1	-4	-80%	1	2.3
		Total	106	65	-41	-39%	4	4.4
134	2nd Ave @ Woods	NBL	0	3	3	0%	1	2.4
		NBR	5	3	-2	-40%	1	1.0
		EBT	20	19	-1	-5%	4	0.2
		EBR	17	11	-6	-35%	3	1.6
		WBL	3	1	-2	-67%	1	1.4
		WBT	27	38	11	41%	5	1.9
		Total	72	76	4	6%	8	0.5
135	Seymour St @ Corbett Ave	NBL	0	0	0	0%	0	0.0
		SBR	10	10	0	0%	3	0.0
		EBL	0	0	0	0%	0	0.0
		EBR	10	9	-1	-10%	0	0.3
		Total	20	19	-1	-5%	3	0.2

Existing AM GEH (8-9 a.m.) - Intersection								
Intersection Number	Intersection Name	Movement	Input Volume	VISSIM Output Volume	Diff	%Diff	Standard Deviation	GEH
9	SW 4th Ave @ SW Harrison St	NBL	34	54	20	59%	8	3.0
		NBT	948	903	-45	-5%	40	1.5
		NBR	97	99	2	2%	5	0.2
		EBL	78	55	-23	-29%	6	2.8
		EBT	53	104	51	96%	9	5.8
		WBT	72	71	-1	-1%	7	0.1
		WBR	224	294	70	31%	17	4.3
		Total	1506	1581	75	5%	46	1.9
12	SW 1st Ave @ SW Harrison St	NBL	120	148	28	23%	10	2.4
		NBR	100	99	-1	-1%	9	0.1
		SBL	38	44	6	16%	4	0.9
		SBT	121	114	-7	-6%	11	0.6
		SBR	55	46	-9	-16%	6	1.3
		EBT	107	163	56	52%	11	4.8
		EBR	43	47	4	9%	5	0.6
		WBL	23	33	10	43%	4	1.9
13	SW Naito Pkwy @ SW Harrison St	WBT	135	195	60	44%	15	4.7
		Total	742	889	147	20%	20	5.1
		NBL	85	141	56	66%	13	5.3
		NBT	1109	1071	-38	-3%	35	1.2
		NBR	31	36	5	16%	7	0.9
		SBT	651	622	-29	-4%	6	1.1
		SBR	37	53	16	43%	4	2.4
		EBL	106	118	12	11%	11	1.1
16	SW 5th Ave @ SW Montgomery St	EBT	76	79	3	4%	8	0.3
		EBR	63	109	46	73%	10	5.0
		WBL	38	41	3	8%	4	0.5
		WBT	36	34	-2	-6%	4	0.3
		WBR	8	8	0	0%	2	0.0
		Total	2240	2313	73	3%	39	1.5
		SBT	162	174	12	7%	3	0.9
		WBL	21	18	-3	-14%	0	0.7
17	SW 6th Ave @ SW Harrison St	Total	183	192	9	5%	4	0.7
		NBL	11	8	-3	-27%	3	1.0
		NBT	509	472	-37	-7%	23	1.7
		NBR	86	90	4	5%	10	0.4
		EBL	11	13	2	18%	4	0.6
		EBT	43	37	-6	-14%	4	0.9
		WBT	27	25	-2	-7%	4	0.4
		WBR	31	31	0	0%	5	0.0
18	SW 5th Ave @ SW Harrison St	Total	718	676	-42	-6%	26	1.6
		SBL	35	66	31	89%	4	4.4
		SBT	148	126	-22	-15%	5	1.9
		EBT	96	95	-1	-1%	9	0.1
		EBR	18	29	11	61%	5	2.3
		WBL	33	31	-2	-6%	4	0.4
		WBT	73	93	20	27%	11	2.2
		Total	403	441	38	9%	18	1.8
19	SW 6th Ave @ SW Hall St	NBL	21	21	0	0%	4	0.0
		NBT	713	712	-1	0%	20	0.0
		EBL	19	23	4	21%	3	0.9
		EBT	25	20	-5	-20%	2	1.1
		WBT	7	1	-6	-86%	1	3.0
		WBR	24	14	-10	-42%	3	2.3
		Total	809	791	-18	-2%	20	0.6
20	SW 5th Ave @ SW Hall St	SBL	11	2	-9	-82%	1	3.5
		SBT	188	185	-3	-2%	9	0.2
		EBT	13	3	-10	-77%	1	3.5
		EBR	5	11	6	120%	2	2.1
		WBL	24	41	17	71%	4	3.0
		WBT	39	24	-15	-38%	3	2.7
		Total	280	264	-16	-6%	15	1.0
21	SW 4th Ave @ SW Hall St	NBL	63	66	3	5%	6	0.4
		NBT	1055	1050	-5	0%	42	0.2
		EBL	24	5	-19	-79%	1	5.0
		Total	1142	1120	-22	-2%	43	0.7
		SBL	41	39	-2	-5%	5	0.3
		SBT	321	320	-1	0%	5	0.1

Existing AM GEH (8-9 a.m.) - Intersection								
Intersection Number	Intersection Name	Movement	Input Volume	VISSIM Output Volume	Diff	%Diff	Standard Deviation	GEH
22	SW Broadway @ SW College St	SBR	7	4	-3	-43%	2	1.3
		EBT	1	0	-1	-100%	0	1.4
		EBR	0	0	0	0%	0	0.0
		WBL	176	163	-13	-7%	13	1.0
		WBT	9	11	2	22%	5	0.6
		Total	555	537	-18	-3%	16	0.8
23	SW 6th Ave @ SW College St	NBL	169	129	-40	-24%	14	3.3
		NBT	673	683	10	1%	20	0.4
		EBL	21	22	1	5%	4	0.2
		EBT	21	17	-4	-19%	3	0.9
		WBT	16	41	25	156%	6	4.7
		WBR	40	27	-13	-33%	4	2.2
		Total	940	919	-21	-2%	20	0.7
24	SW 5th Ave @ SW College St	SBL	22	14	-8	-36%	3	1.9
		SBT	195	267	72	37%	11	4.7
		EBT	9	0	-9	-100%	0	4.2
		EBR	12	17	5	42%	3	1.3
		WBL	115	88	-27	-23%	7	2.7
		WBT	56	68	12	21%	7	1.5
		Total	409	454	45	11%	15	2.2
25	SW 4th Ave @ SW College St	NBL	171	158	-13	-8%	8	1.0
		NBT	1087	1105	18	2%	43	0.5
		EBL	31	14	-17	-55%	3	3.6
		Total	1289	1276	-13	-1%	43	0.4
26	SW Broadway @ SW Jackson St	SBL	16	0	-16	-100%	0	5.7
		SBT	460	467	7	2%	14	0.3
		SBR	21	16	-5	-24%	4	1.2
		EBT	8	12	4	50%	2	1.3
		EBR	17	27	10	59%	2	2.1
		WBL	190	186	-4	-2%	11	0.3
		WBT	12	15	3	25%	4	0.8
		Total	724	722	-2	0%	19	0.1
27	SW 6th Ave @ SW Jackson St	NBL	202	200	-2	-1%	12	0.1
		NBT	413	393	-20	-5%	14	1.0
		EBL	24	12	-12	-50%	2	2.8
		WBR	405	406	1	0%	2	0.0
		Total	1044	1012	-32	-3%	21	1.0
28	SW 6th Ave @ I-405/Hwy 26 On-Ramp	NBL	1702	1662	-40	-2%	18	1.0
		Total	1702	1662	-40	-2%	18	1.0
29	SW 5th Ave @ SW Jackson St	SBL	146	135	-11	-8%	4	0.9
		SBT	60	71	11	18%	7	1.4
		SBR	30	30	0	0%	5	0.0
		EBT	0	0	0	0%	0	0.0
		EBR	5	4	-1	-20%	0	0.5
		Total	241	241	0	0%	13	0.0
30	SW 5th Ave @ SW Lincoln St	SBL	49	58	9	18%	6	1.2
		SBT	11	17	6	55%	4	1.6
		WBL	4	0	-4	-100%	0	2.8
		WBU	18	21	3	17%	5	0.7
		Total	82	96	14	17%	8	1.5
31	SW 4th Ave @ SW Lincoln St	NBL	14	15	1	7%	3	0.3
		NBT	848	834	-14	-2%	34	0.5
		EBL	27	10	-17	-63%	3	4.0
		EBT	40	69	29	73%	6	3.9
		WBT	8	6	-2	-25%	3	0.8
		WBR	158	181	23	15%	9	1.8
		Total	1486	1505	19	1%	31	0.5
32	SW 3rd Ave @ SW Lincoln St	NBR	10	8	-2	-20%	1	0.7
		SBR	13	10	-3	-23%	0	0.9
		EBT	100	124	24	24%	11	2.3
		EBR	25	25	0	0%	6	0.0
		WBT	153	177	24	16%	9	1.9
		WBR	42	42	0	0%	7	0.0
		Total	343	386	43	13%	16	2.3
		NBL	9	10	1	11%	2	0.3
		NBR	5	3	-2	-40%	2	1.0
		SBL	3	2	-1	-33%	2	0.6
		SBR	43	38	-5	-12%	2	0.8

Existing AM GEH (8-9 a.m.) - Intersection								
Intersection Number	Intersection Name	Movement	Input Volume	VISSIM Output Volume	Diff	%Diff	Standard Deviation	GEH
33	SW 2nd Ave @ SW Lincoln St	EBL	8	7	-1	-13%	2	0.4
		EBT	88	109	21	24%	11	2.1
		EBR	14	15	1	7%	3	0.3
		WBL	22	21	-1	-5%	4	0.2
		WBT	143	171	28	20%	11	2.2
		WBR	12	11	-1	-8%	4	0.3
		Total	347	386	39	11%	17	2.0
34	SW 1st Ave @ SW Lincoln St	NBL	94	115	21	22%	6	2.1
		NBT	230	248	18	8%	18	1.2
		SBT	104	118	14	13%	10	1.3
		SBR	83	79	-4	-5%	10	0.4
		EBL	17	27	10	59%	5	2.1
		EBR	79	75	-4	-5%	9	0.5
		Total	607	662	55	9%	21	2.2
35	SW Naito Pkwy @ SW Lincoln St	NBT	1194	1240	46	4%	35	1.3
		SBT	520	556	36	7%	17	1.6
		Total	1714	1796	82	5%	35	2.0
36	SW 4th Ave @ SW Grant St	EBL	15	17	2	13%	4	0.5
		Total	15	17	2	13%	4	0.5
37	SW Broadway @ I-405 SB Off-Ramp/SW Lincoln St	NBR	208	242	34	16%	6	2.3
		SBL	335	343	8	2%	24	0.4
		SBT	117	124	7	6%	11	0.6
		SBR	3	3	0	0%	2	0.0
		EBT	1491	1475	-16	-1%	8	0.4
		EBR	53	50	-3	-6%	5	0.4
		EBU	6	5	-1	-17%	2	0.4
		Total	2213	2241	28	1%	19	0.6
38	SW Broadway @ SW Grant St/SW 6th Ave	NBT	318	342	24	8%	12	1.3
		EBL	295	278	-17	-6%	12	1.0
		EBT	1266	1223	-43	-3%	23	1.2
		EBR	604	593	-11	-2%	25	0.4
		WBR	1704	1635	-69	-4%	28	1.7
		Total	4187	4072	-115	-3%	26	1.8
39	SW Broadway @ SW 5th Ave	SBT	91	104	13	14%	7	1.3
		EBT	1266	1223	-43	-3%	22	1.2
		WBT	1704	1635	-69	-4%	27	1.7
		Total	3061	2963	-98	-3%	27	1.8
40	SW 4th Ave @ SW Caruthers St	NBL	5	5	0	0%	3	0.0
		NBT	302	303	1	0%	12	0.1
		SBT	531	590	59	11%	24	2.5
		SBR	5	5	0	0%	1	0.0
		EBL	5	3	-2	-40%	1	1.0
		EBR	9	11	2	22%	1	0.6
		WBL	111	123	12	11%	9	1.1
		WBT	5	4	-1	-20%	3	0.5
		WBR	11	30	19	173%	4	4.2
		Total	984	1073	89	9%	26	2.8
41	SW 5th Ave @ SW Caruthers St	SBT	1304	1294	-10	-1%	21	0.3
		SBR	53	65	12	23%	5	1.6
		WBL	11	2	-9	-82%	1	3.5
		WBT	74	92	18	24%	7	2.0
		Total	1442	1453	11	1%	27	0.3
42	SW 4th Ave @ SW Caruthers St/SW Broadway	NBL	684	667	-17	-2%	18	0.7
		NBT	757	763	6	1%	32	0.2
		WBT	1105	1060	-45	-4%	18	1.4
		WBR	90	71	-19	-21%	10	2.1
		Total	2636	2561	-75	-3%	30	1.5
43	SW 5th Ave @ SW Sheridan St	SBL	1315	1294	-21	-2%	24	0.6
		EBT	152	160	8	5%	12	0.6
		Total	1467	1454	-13	-1%	25	0.3
44	SW 6th Ave/SW Terwilliger Blvd @ SW Sheridan St	NBL	0	0	0	0%	0	0.0
		NBT	307	306	-1	0%	11	0.1
		NBR	107	118	11	10%	10	1.0
		SBL	45	40	-5	-11%	6	0.8
		SBT	590	668	78	13%	22	3.1
		SBR	16	15	-1	-6%	3	0.3
		EBL	0	0	0	0%	0	0.0
		EBT	0	0	0	0%	0	0.0

Existing AM GEH (8-9 a.m.) - Intersection								
Intersection Number	Intersection Name	Movement	Input Volume	VISSIM Output Volume	Diff	%Diff	Standard Deviation	GEH
45	SW 4th Ave/SW Barbur Blvd @ SW Sheridan St	EBR	0	0	0	0%	0	0.0
		Total	1065	1147	82	8%	22	2.5
		NBT	1351	1366	15	1%	30	0.4
		NBR	68	60	-8	-12%	11	1.0
		EBL	90	103	13	14%	12	1.3
		EBT	928	934	6	1%	24	0.2
46	SW 1st Ave @ SW Sheridan St	EBR	449	413	-36	-8%	18	1.7
		Total	2886	2877	-9	0%	32	0.2
		NBL	0	0	0	0%	0	0.0
		NBT	313	360	47	15%	16	2.6
		NBR	24	29	5	21%	4	1.0
		SBL	58	30	-28	-48%	5	4.2
47	SW Naito Pkwy @ SW Sheridan St	SBT	123	156	33	27%	11	2.8
		SBR	2	2	0	0%	1	0.0
		EBL	0	0	0	0%	0	0.0
		EBT	0	0	0	0%	0	0.0
		EBR	0	0	0	0%	0	0.0
		WBL	40	68	28	70%	8	3.8
48	SW 1st Ave @ SW Arthur St	WBT	0	0	0	0%	1	0.0
		WBR	4	0	-4	-100%	1	2.8
		Total	564	646	82	15%	19	3.3
		SBR	44	69	25	57%	7	3.3
		EBR	82	59	-23	-28%	6	2.7
		Total	126	128	2	2%	9	0.2
49	SW Naito Pkwy @ SW Arthur St	NBL	34	49	15	44%	6	2.3
		NBT	112	170	58	52%	5	4.9
		NBR	26	16	-10	-38%	5	2.2
		SBL	51	66	15	29%	7	2.0
		SBT	64	79	15	23%	8	1.8
		SBR	36	63	27	75%	4	3.8
50	SW Naito Pkwy @ SW Kelly St	EBL	61	64	3	5%	5	0.4
		EBT	830	835	5	1%	20	0.2
		EBR	20	11	-9	-45%	1	2.3
		WBT	1147	1054	-93	-8%	30	2.8
		WBR	164	156	-8	-5%	16	0.6
		Total	2545	2562	17	1%	49	0.3
51	SW Water St @ SW Kelly St	EBT	197	205	8	4%	16	0.6
		EBR	710	712	2	0%	20	0.1
		Total	907	917	10	1%	25	0.3
		WBT	1302	1218	-84	-6%	39	2.4
		WBR	611	617	6	1%	26	0.2
		Total	1922	1834	-88	-5%	47	2.0
52	SW Barbur Blvd @ SW Hooker St	SBL	8	11	3	38%	3	1.0
		SBR	65	63	-2	-3%	3	0.3
		EBL	81	116	35	43%	11	3.5
		EBT	121	122	1	1%	8	0.1
		WBT	1848	1775	-73	-4%	46	1.7
		WBR	96	87	-9	-9%	6	0.9
53	SW Naito Pkwy @ SW Hooker St	Total	2219	2173	-46	-2%	49	1.0
		NBL	0	0	0	0%	0	0.0
		NBT	1354	1432	78	6%	37	2.1
		NBR	46	33	-13	-28%	6	2.1
		SBL	39	32	-7	-18%	4	1.2
		SBT	398	375	-23	-6%	14	1.2
54	SW Naito Pkwy @ SW Hooker St	SBR	1	1	0	0%	1	0.0
		EBL	2	3	1	50%	1	0.6
		EBT	1	0	-1	-100%	0	1.4
		EBR	3	2	-1	-33%	1	0.6
		WBL	8	17	9	113%	3	2.5
		WBT	0	0	0	0%	0	0.0
55	SW Naito Pkwy @ SW Hooker St	WBR	68	19	-49	-72%	3	7.4
		Total	1920	1914	-6	0%	41	0.1
56	SW Naito Pkwy @ SW Hooker St	NBT	581	613	32	6%	16	1.3
		SBT	363	349	-14	-4%	19	0.7
		SBR	194	196	2	1%	8	0.1
		EBR	710	715	5	1%	22	0.2
		WBR	8	5	-3	-38%	0	1.2
		Total	1856	1878	22	1%	33	0.5

Existing AM GEH (8-9 a.m.) - Intersection								
Intersection Number	Intersection Name	Movement	Input Volume	VISSIM Output Volume	Diff	%Diff	Standard Deviation	GEH
54	SW Corbett Ave/SW Kelly St @ SW Macadam Ave	NBL	1243	1162	-81	-7%	35	2.3
		WBT	701	712	11	2%	31	0.4
		WBR	92	95	3	3%	9	0.3
		Total	2036	1970	-66	-3%	40	1.5
56	SW Kelly St/SW Corbett Ave @ SW Porter St/SW Hood Ave	NBT	1243	1168	-75	-6%	34	2.2
		NBR	920	938	18	2%	26	0.6
		SBL	97	84	-13	-13%	7	1.4
		SBT	9	20	11	122%	4	2.9
		SBR	23	29	6	26%	6	1.2
		EBR	22	18	-4	-18%	0	0.9
		Total	2314	2258	-56	-2%	46	1.2
58	SW Barbur Blvd @ SW Woods St	NBL	1	0	-1	-100%	0	1.4
		NBT	1365	1441	76	6%	35	2.0
		NBR	35	61	26	74%	4	3.8
		SBL	20	10	-10	-50%	2	2.6
		SBT	387	382	-5	-1%	15	0.3
		SBR	2	1	-1	-50%	1	0.8
		EBL	0	2	2	0%	1	2.0
		EBT	0	0	0	0%	0	0.0
		EBR	4	2	-2	-50%	1	1.2
		WBL	16	26	10	63%	4	2.2
		WBT	1	0	-1	-100%	0	1.4
		WBR	35	25	-10	-29%	3	1.8
		Total	1866	1950	84	5%	35	1.9
59	SW Water Ave @ Ross Island Bridge	SBR	13	8	-5	-38%	0	1.5
		WBT	985	959	-26	-3%	21	0.8
		WBR	35	35	0	0%	5	0.0
		Total	1033	1002	-31	-3%	22	1.0
61	SW Naito Pkwy @ Ross Island Bridge	NBR	660	659	-1	0%	25	0.0
		EBT	722	724	2	0%	24	0.1
		Total	1382	1383	1	0%	40	0.0
62	Kelly Ramps @ Ross Island Bridge	NBR	277	293	16	6%	16	0.9
		Total	277	293	16	6%	16	0.9
63	Hwy 99E SB @ Ross Island Bridge EB	EBT	1141	1145	4	0%	35	0.1
		EBR	518	536	18	3%	20	0.8
		WBT	3183	3127	-56	-2%	48	1.0
		Total	4842	4808	-34	-1%	56	0.5
64	Hwy 99E NB @ Ross Island Bridge EB	NBR	19	18	-1	-5%	0	0.2
		EBT	1141	1145	4	0%	35	0.1
		Total	1160	1163	3	0%	35	0.1
65	SE 8th Ave @ SE Powell Blvd	NBR	10	8	-2	-20%	0	0.7
		SBR	855	838	-17	-2%	7	0.6
		EBT	1152	1159	7	1%	35	0.2
		EBR	8	5	-3	-38%	3	1.2
		WBT	2328	2293	-35	-2%	44	0.7
		WBR	53	53	0	0%	7	0.0
		Total	4406	4356	-50	-1%	53	0.8
66	SE 10th Ave @ SE Powell Blvd	NBR	17	16	-1	-6%	0	0.2
		SBR	62	58	-4	-6%	1	0.5
		EBL	160	160	0	0%	14	0.0
		EBT	996	998	2	0%	34	0.1
		EBR	6	8	2	33%	2	0.8
		WBL	8	9	1	13%	3	0.3
		WBT	2319	2292	-27	-1%	40	0.6
		WBR	47	48	1	2%	6	0.1
		Total	3615	3588	-27	-1%	47	0.4
67	SE Milwaukie Ave @ SE Powell Blvd	NBL	336	320	-16	-5%	12	0.9
		NBT	213	205	-8	-4%	12	0.6
		NBR	26	26	0	0%	4	0.0
		SBL	153	152	-1	-1%	12	0.1
		SBT	74	75	1	1%	8	0.1
		SBR	243	243	0	0%	11	0.0
		EBT	957	960	3	0%	32	0.1
		EBR	56	63	7	13%	8	0.9
		WBL	38	34	-4	-11%	6	0.7
		WBT	1795	1781	-14	-1%	40	0.3
		WBR	286	284	-2	-1%	22	0.1
		Total	4177	4142	-35	-1%	46	0.5

Existing AM GEH (8-9 a.m.) - Intersection								
Intersection Number	Intersection Name	Movement	Input Volume	VISSIM Output Volume	Diff	%Diff	Standard Deviation	GEH
68	SW Water Ave @ SW Grover St	EBT	85	46	-39	-46%	5	4.8
		EBR	6	25	19	317%	5	4.8
		WBL	0	0	0	0%	0	0.0
		WBT	182	173	-9	-5%	5	0.7
		Total	273	244	-29	-11%	11	1.8
69	SW Naito Pkwy @ SW Gibbs St/Naito Ramps	NBT	1278	1305	27	2%	30	0.8
		NBR	11	21	10	91%	4	2.5
		WBR	0	4	4	0%	2	2.8
		Total	1289	1330	41	3%	31	1.1
70	SW Kelly Ave @ SW Gibbs St	NBL	7	15	8	114%	4	2.4
		NBT	277	292	15	5%	15	0.9
		NBR	4	0	-4	-100%	0	2.8
		SBL	14	10	-4	-29%	3	1.2
		SBT	166	140	-26	-16%	9	2.1
		SBR	2	37	35	1750%	4	7.9
		EBR	25	48	23	92%	5	3.8
		Total	495	543	48	10%	17	2.1
71	SW Barbur Blvd @ SW Whitaker St	NBR	33	30	-3	-9%	4	0.5
		SBL	5	4	-1	-20%	2	0.5
		WBL	10	7	-3	-30%	3	1.0
		WBR	80	87	7	9%	3	0.8
		Total	128	128	0	0%	4	0.0
72	SW Naito Pkwy @ SW Whitaker St	SBT	1296	1250	-46	-4%	28	1.3
		SBR	65	59	-6	-9%	7	0.8
		EBR	1	1	0	0%	1	0.0
		Total	1363	1310	-53	-4%	30	1.4
73	SW Kelly Ave @ SW Whitaker St	NBL	3	3	0	0%	2	0.0
		NBT	69	69	0	0%	6	0.0
		SBT	184	184	0	0%	12	0.0
		SBR	7	4	-3	-43%	3	1.3
		EBL	34	32	-2	-6%	3	0.3
		EBR	12	12	0	0%	2	0.0
		WBL	13	10	-3	-23%	3	0.9
		WBT	22	23	1	5%	6	0.2
		WBR	185	205	20	11%	11	1.4
		Total	529	543	14	3%	16	0.6
74	SW Hood Ave @ SW Whitaker St	SBT	1176	1147	-29	-2%	29	0.9
		SBR	220	238	18	8%	12	1.2
		WBL	736	735	-1	0%	5	0.0
		Total	2132	2120	-12	-1%	30	0.3
75	SW Barbur Blvd @ SW Pennoyer St	NBR	2	1	-1	-50%	1	0.8
		SBL	1	1	0	0%	1	0.0
		WBL	1	19	18	1800%	3	5.7
		WBR	19	16	-3	-16%	3	0.7
		Total	42	37	-5	-12%	1	0.8
76	SW Barbur Blvd @ SW Condor Ave	NBL	5	4	-1	-20%	2	0.5
		SBR	16	34	18	113%	3	3.6
		EBL	13	11	-2	-15%	1	0.6
		EBR	3	3	0	0%	1	0.0
		Total	37	52	15	41%	4	2.2
77	SW Barbur Blvd @ SW Lane St	NBL	171	179	8	5%	14	0.6
		NBT	1320	1379	59	4%	33	1.6
		SBT	390	384	-6	-2%	16	0.3
		SBR	9	9	0	0%	3	0.0
		EBL	9	6	-3	-33%	3	1.1
		EBR	41	40	-1	-2%	3	0.2
		Total	1940	1997	57	3%	33	1.3
78	SW Barbur Blvd @ SW Abernathy St	NBL	24	25	1	4%	3	0.2
		NBR	7	6	-1	-14%	3	0.4
		EBT	428	422	-6	-1%	16	0.3
		EBR	3	2	-1	-33%	1	0.6
		WBL	4	3	-1	-25%	2	0.5
		Total	466	458	-8	-2%	28	0.4
79	SW Barbur Blvd @ SW Lowell St	NBR	6	8	2	33%	2	0.8
		WBR	92	85	-7	-8%	1	0.7
		Total	98	93	-5	-5%	2	0.5
80	SW Barbur Blvd @ SW Bancroft St	NBR	19	15	-4	-21%	5	1.0
		WBR	167	175	8	5%	10	0.6

Existing AM GEH (8-9 a.m.) - Intersection								
Intersection Number	Intersection Name	Movement	Input Volume	VISSIM Output Volume	Diff	%Diff	Standard Deviation	GEH
		Total	186	190	4	2%	10	0.3
81	SW Corbett Ave @ SW Bancroft St	NBL	139	155	16	12%	9	1.3
		NBT	141	139	-2	-1%	9	0.2
		NBR	32	34	2	6%	7	0.3
		SBL	7	6	-1	-14%	2	0.4
		SBT	118	119	1	1%	2	0.1
		SBR	5	4	-1	-20%	2	0.5
		EBL	2	1	-1	-50%	1	0.8
		EBT	5	5	0	0%	3	0.0
		EBR	12	9	-3	-25%	3	0.9
		WBL	20	23	3	15%	3	0.6
		WBT	23	15	-8	-35%	2	1.8
		WBR	9	8	-1	-11%	3	0.3
		Total	513	519	6	1%	11	0.3
82	SW Barbur Blvd @ SW Hamilton St	NBT	2339	2477	138	6%	34	2.8
		NBR	258	253	-5	-2%	12	0.3
		SBL	204	204	0	0%	10	0.0
		SBT	1331	1294	-37	-3%	25	1.0
		SBR	82	76	-6	-7%	8	0.7
		EBL	25	21	-4	-16%	6	0.8
		EBT	35	37	2	6%	5	0.3
		EBR	1	2	1	100%	1	0.8
		WBL	269	270	1	0%	13	0.1
		WBT	86	92	6	7%	8	0.6
		WBR	162	163	1	1%	14	0.1
		Total	4792	4890	98	2%	41	1.4
83	SW Hamilton Blvd @ SW Corbett Ave	NBL	295	296	1	0%	15	0.1
		NBT	222	245	23	10%	10	1.5
		NBR	16	17	1	6%	5	0.2
		SBL	2	2	0	0%	1	0.0
		SBT	44	39	-5	-11%	5	0.8
		SBR	104	109	5	5%	9	0.5
		EBL	87	81	-6	-7%	8	0.7
		EBT	48	48	0	0%	5	0.0
		EBR	362	365	3	1%	17	0.2
		WBL	9	7	-2	-22%	2	0.7
		WBT	118	116	-2	-2%	4	0.2
		WBR	3	2	-1	-33%	1	0.6
		Total	1310	1327	17	1%	19	0.5
85	SW Barbur Blvd @ SW Capitol Hwy EB	NBT	1544	1567	23	1%	9	0.6
		WBR	1038	1089	51	5%	21	1.6
		Total	2582	2656	74	3%	27	1.4
86	SW Barbur Blvd @ SW Capitol Hwy WB	SBT	1131	1065	-66	-6%	24	2.0
		SBR	470	481	11	2%	25	0.5
		Total	1601	1545	-56	-3%	30	1.4
87	SW Terwilliger Blvd @ SW Capitol Hwy	NBL	43	44	1	2%	5	0.2
		NBT	190	184	-6	-3%	6	0.4
		NBR	24	19	-5	-21%	4	1.1
		SBL	4	3	-1	-25%	1	0.5
		SBT	67	67	0	0%	4	0.0
		SBR	49	45	-4	-8%	4	0.6
		EBL	187	189	2	1%	15	0.1
		EBT	1010	1039	29	3%	18	0.9
		EBR	37	34	-3	-8%	7	0.5
		WBL	6	6	0	0%	2	0.0
		WBT	454	469	15	3%	24	0.7
		WBR	10	10	0	0%	3	0.0
		Total	2081	2110	29	1%	22	0.6
88	SW Barbur Blvd @ Barbur Apartments Driveway	NBR	0	0	0	0%	0	0.0
		SBL	0	0	0	0%	0	0.0
		WBL	0	0	0	0%	0	0.0
		WBR	15	14	-1	-7%	0	0.3
		Total	15	14	-1	-7%	0	0.3
89	I5NB Off @ Corbett	NBT	487	483	-4	-1%	5	0.2
		SBT	415	410	-5	-1%	15	0.2
		EBL	46	47	1	2%	6	0.1
		EBR	130	131	1	1%	5	0.1
		Total	1078	1071	-7	-1%	16	0.2

Existing AM GEH (8-9 a.m.) - Intersection								
Intersection Number	Intersection Name	Movement	Input Volume	VISSIM Output Volume	Diff	%Diff	Standard Deviation	GEH
90	SW Kelly Ave @ SW Curry St	NBL	0	0	0	0%	0	0.0
		NBT	67	66	-1	-1%	5	0.1
		NBR	17	18	1	6%	5	0.2
		SBL	192	192	0	0%	12	0.0
		SBT	14	13	-1	-7%	3	0.3
		SBR	3	0	-3	-100%	0	2.4
		EBL	5	7	2	40%	2	0.8
		EBT	59	57	-2	-3%	2	0.3
		EBR	2	2	0	0%	1	0.0
		Total	359	355	-4	-1%	14	0.2
91	Macadam Ave @ Curry St	NBT	2038	2024	-14	-1%	18	0.3
		NBR	207	204	-3	-1%	14	0.2
		EBL	97	94	-3	-3%	2	0.3
		Total	2342	2323	-19	-1%	12	0.4
92	1st Ave @ Woods	NBL	44	35	-9	-20%	5	1.4
		NBT	138	138	0	0%	3	0.0
		SBT	61	63	2	3%	8	0.3
		SBR	21	6	-15	-71%	2	4.1
		EBL	33	62	29	88%	4	4.2
		EBR	30	8	-22	-73%	2	5.0
		Total	327	312	-15	-5%	11	0.8
93	SW 1st Ave @ SW Hooker St	NBL	30	2	-28	-93%	2	7.0
		NBT	141	198	57	40%	5	4.4
		NBR	0	0	0	0%	0	0.0
		SBL	0	0	0	0%	0	0.0
		SBT	64	69	5	8%	7	0.6
		SBR	20	21	1	5%	3	0.2
		EBL	31	38	7	23%	6	1.2
		EBT	0	0	0	0%	1	0.0
		EBR	17	0	-17	-100%	0	5.8
		WBL	1	0	-1	-100%	0	1.4
		WBT	1	0	-1	-100%	0	1.4
		WBR	0	0	0	0%	0	0.0
		Total	305	329	24	8%	12	1.3
94	SW Arthur St Parking Garage @ SW Arthur St	NBR	10	8	-2	-20%	0	0.7
		SBT	116	111	-5	-4%	15	0.5
		Total	126	119	-7	-6%	15	0.6
95	ADP South Driveway @ SW Arthur St	NBR	3	4	1	33%	0	0.5
		SBR	2	0	-2	-100%	0	2.0
		EBT	908	905	-3	0%	23	0.1
		EBR	1	0	-1	-100%	0	1.4
		WBT	1212	1160	-52	-4%	31	1.5
		WBR	5	3	-2	-40%	2	1.0
		Total	2131	2072	-59	-3%	38	1.3
96	3rd Ave @ Sheridan U-Turn	NBU	19	12	-7	-37%	4	1.8
		Total	19	12	-7	-37%	4	1.8
97	SW Naito Pkwy @ Boy Scouts of America Driveway	NBL	6	4	-2	-33%	2	0.9
		SBR	1	0	-1	-100%	0	1.4
		EBL	0	0	0	0%	0	0.0
		EBR	0	1	1	0%	1	1.4
		Total	7	5	-2	-29%	2	0.8
104	SW 3rd Ave Parking Lot IB @ SW Harrison St	WBR	0	12	12	0%	3	4.9
		Total	0	12	12	0%	3	4.9
105	SW Harrison St Parking Garage @ SW Harrison St	NBL	0	0	0	0%	0	0.0
		NBR	11	8	-3	-27%	0	1.0
		EBR	26	10	-16	-62%	3	3.8
		WBL	15	28	13	87%	6	2.8
		Total	52	46	-6	-12%	8	0.9
106	SW 6th Ave @ SW 6th Ave Parking Garage	NBL	150	157	7	5%	13	0.6
		EBL	0	0	0	0%	0	0.0
		Total	150	157	7	5%	13	0.6
107	SW Hall St Parking Garage @ SW Hall St	EBL	7	6	-1	-14%	3	0.4
		WBR	8	8	0	0%	2	0.0
		Total	15	14	-1	-7%	4	0.3
108	SW 1st Ave @ Make-A-Wish Driveway	NBT	220	248	28	13%	13	1.8
		NBR	27	27	0	0%	5	0.0
		SBT	182	193	11	6%	12	0.8
		WBR	0	0	0	0%	0	0.0

Existing AM GEH (8-9 a.m.) - Intersection								
Intersection Number	Intersection Name	Movement	Input Volume	VISSIM Output Volume	Diff	%Diff	Standard Deviation	GEH
		Total	439	468	29	7%	19	1.4
109	SW Naito Pkwy @ Ochin Inc Driveway	NBL	0	21	21	0%	5	6.5
		SBR	232	222	-10	-4%	11	0.7
		EBL	31	28	-3	-10%	2	0.6
		EBR	0	4	4	0%	2	2.8
		Total	263	274	11	4%	12	0.7
110	SW 4th Ave @ PSU Parking Garage	NBR	118	110	-8	-7%	11	0.7
		WBR	37	36	-1	-3%	0	0.2
		Total	155	145	-10	-6%	11	0.8
111	SW Broadway @ I-405 SB On-ramp	SBL	225	225	0	0%	12	0.0
		Total	225	225	0	0%	12	0.0
112	SW 1st Ave @ Lincoln Apartments Driveway	SBR	5	3	-2	-40%	2	1.0
		EBR	5	0	-5	-100%	0	3.2
		Total	10	3	-7	-70%	2	2.7
113	SW 1st Ave @ Boy Scouts of America Driveway	NBR	0	1	1	0%	1	1.4
		WBR	7	4	-3	-43%	2	1.3
		Total	7	5	-2	-29%	2	0.8
115	SW Broadway Dr @ SW Grant St	NBT	208	243	35	17%	6	2.3
		NBR	68	30	-38	-56%	6	5.4
		SBT	170	173	3	2%	14	0.2
		WBL	5	0	-5	-100%	0	3.2
		WBR	0	0	0	0%	0	0.0
		Total	451	446	-5	-1%	14	0.2
116	SW 1st Ave @ ADP South East Driveway	SBR	12	15	3	25%	3	0.8
		Total	12	15	3	25%	3	0.8
119	Frontage Road @ SW Kelly Ave	NBL	0	0	0	0%	0	0.0
		NBR	18	44	26	144%	1	4.7
		EBR	13	10	-3	-23%	3	0.9
		WBL	0	2	2	0%	2	2.0
		Total	31	56	25	81%	4	3.8
120	SW Naito Pkwy Diverge to RI Bridge	SBT	363	350	-13	-4%	18	0.7
		SBR	194	196	2	1%	8	0.1
		Total	557	546	-11	-2%	22	0.5
121	SW Barbur Blvd @ Under Armour Driveway	NBL	5	11	6	120%	3	2.1
		SBR	11	9	-2	-18%	3	0.6
		Total	16	20	4	25%	4	0.9
123	SW Water St @ SW Gibbs St	SBL	6	25	19	317%	5	4.8
		SBR	0	0	0	0%	0	0.0
		EBT	11	21	10	91%	4	2.5
		WBT	0	4	4	0%	2	2.8
		Total	17	50	33	194%	8	5.7
124	SW Corbett Ave @ SW Gibbs St	NBL	0	4	4	0%	2	2.8
		NBT	182	153	-29	-16%	2	2.2
		NBR	0	0	0	0%	0	0.0
		SBL	14	45	31	221%	5	5.7
		SBT	71	1	-70	-99%	0	11.7
		SBR	0	0	0	0%	0	0.0
		EBL	0	16	16	0%	4	5.7
		EBT	11	4	-7	-64%	2	2.6
		EBR	0	27	27	0%	5	7.3
		WBL	9	48	39	433%	4	7.3
		WBT	0	0	0	0%	0	0.0
		WBR	0	4	4	0%	2	2.8
		Total	287	301	14	5%	11	0.8
125	SW Hood Ave @ SW Gibbs St	EBR	0	10	10	0%	3	4.5
		Total	0	10	10	0%	3	4.5
127	SW Hood Ave @ SW Curry St	SBT	1912	1886	-26	-1%	30	0.6
		EBR	268	267	-1	0%	13	0.1
		Total	2180	2153	-27	-1%	33	0.6
128	Barbur/Naito SB Merge	NBT	2674	2819	145	5%	49	2.8
		SBT	435	427	-8	-2%	15	0.4
		EBR	1297	1249	-48	-4%	28	1.3
		Total	4406	4495	89	2%	58	1.3
129	SW Barbur Blvd SB @ SW Bancroft St	SBR	115	101	-14	-12%	9	1.3
		Total	115	101	-14	-12%	9	1.3
131	SW Naito Pkwy @ SW Pennoyer St	NBT	1289	1324	35	3%	32	1.0
		SBT	1297	1248	-49	-4%	27	1.4
		Total	2586	2572	-14	-1%	46	0.3

Existing AM GEH (8-9 a.m.) - Intersection								
Intersection Number	Intersection Name	Movement	Input Volume	VISSIM Output Volume	Diff	%Diff	Standard Deviation	GEH
132	Macadam @ I-5 NB On-Ramp	NBT	981	990	9	1%	35	0.3
		NBR	1154	1160	6	1%	31	0.2
		Total	2135	2150	15	1%	17	0.3
133	SW 2nd Ave @ SW Hooker St	NBL	5	2	-3	-60%	1	1.6
		NBT	0	0	0	0%	0	0.0
		NBR	5	6	1	20%	1	0.4
		SBL	0	8	8	0%	3	4.0
		SBT	0	0	0	0%	0	0.0
		SBR	25	15	-10	-40%	3	2.2
		EBL	10	10	0	0%	3	0.0
		EBT	43	25	-18	-42%	4	3.1
		EBR	33	29	-4	-12%	5	0.7
		WBL	0	2	2	0%	1	2.0
		WBT	46	19	-27	-59%	3	4.7
		WBR	5	2	-3	-60%	1	1.6
		Total	172	118	-54	-31%	8	4.5
134	2nd Ave @ Woods	NBL	0	11	11	0%	1	4.7
		NBR	12	2	-10	-83%	1	3.8
		EBT	51	68	17	33%	4	2.2
		EBR	5	3	-2	-40%	1	1.0
		WBL	13	0	-13	-100%	0	5.1
		WBT	52	41	-11	-21%	4	1.6
		Total	133	125	-8	-6%	7	0.7
135	Seymour St @ Corbett Ave	NBL	0	0	0	0%	0	0.0
		SBR	10	8	-2	-20%	2	0.7
		EBL	0	0	0	0%	0	0.0
		EBR	10	8	-2	-20%	0	0.7
		Total	20	16	-4	-20%	2	0.9

Entry GEH (7-8 AM)					
Entry Location	Count	Vissim Throughput	Diff	%Diff	GEH
SW 1st Ave @ SW Harrison St - North Entrance	149	145	-4	-2.7%	0.3
SW Naito Pkwy @ SW Harrison St - North Entrance	294	286	-8	-2.7%	0.5
SW 5th Ave @ SW Montgomery St - North Entrance	196	201	5	2.6%	0.4
SW Broadway @ SW College St - North Entrance	328	325	-3	-0.9%	0.2
SW 3rd Ave @ SW Lincoln St - North Entrance	15	13	-2	-13.3%	0.5
SW 2nd Ave @ SW Lincoln St - North Entrance	17	17	0	0.0%	0.0
SW Water St @ SW Kelly St - North Entrance	52	49	-3	-5.8%	0.4
SW Water Ave @ Ross Island Bridge - North Entrance	12	10	-2	-16.7%	0.6
SE 8th Ave @ SE Powell Blvd - North Entrance	807	796	-11	-1.4%	0.4
SE 10th Ave @ SE Powell Blvd - North Entrance	66	63	-3	-4.5%	0.4
SE Milwaukie Ave @ SE Powell Blvd - North Entrance	382	373	-9	-2.4%	0.5
SW Corbett Ave @ SW Bancroft St - North Entrance	46	46	0	0.0%	0.0
SW Terwilliger Blvd @ SW Capitol Hwy - North Entrance	116	112	-4	-3.4%	0.4
ADP South Driveway @ SW Arthur St - North Entrance	1	0	-1	-100.0%	1.4
SW 3rd Ave Parking Lot OB @ SW Harrison St - North Entrance	16	13	-3	-18.8%	0.8
SW Hall St Parking Garage @ SW Hall St - North Entrance	2	0	-2	-100.0%	2.0
SW 2nd Ave @ SW Hooker St - North Entrance	16	17	1	6.3%	0.2
SW 4th Ave @ SW Lincoln St - South Entrance	349	340	-9	-2.6%	0.5
SW 3rd Ave @ SW Lincoln St - South Entrance	33	29	-4	-12.1%	0.7
SW 2nd Ave @ SW Lincoln St - South Entrance	12	10	-2	-16.7%	0.6
SW 6th Ave/SW Terwilliger Blvd @ SW Sheridan St - South Entrance	563	573	10	1.8%	0.4
Hwy 99E NB @ Ross Island Bridge EB - South Entrance	24	23	-1	-4.2%	0.2
SE 8th Ave @ SE Powell Blvd - South Entrance	12	10	-2	-16.7%	0.6
SE 10th Ave @ SE Powell Blvd - South Entrance	11	10	-1	-9.1%	0.3
SE Milwaukie Ave @ SE Powell Blvd - South Entrance	601	610	9	1.5%	0.4
SW Barbur Blvd @ SW Capitol Hwy EB - South Entrance	1400	1394	-6	-0.4%	0.2
SW Terwilliger Blvd @ SW Capitol Hwy - South Entrance	222	224	2	0.9%	0.1
I5NB Off @ Corbett - South Entrance	522	511	-11	-2.1%	0.5
SW Kelly Ave @ SW Curry St - South Entrance	77	73	-4	-5.2%	0.5
Macadam Ave @ Curry St - South Entrance	2129	2111	-18	-0.8%	0.4
SW Arthur St Parking Garage @ SW Arthur St - South Entrance	4	2	-2	-50.0%	1.2
ADP South Driveway @ SW Arthur St - South Entrance	5	2	-3	0.0%	0.0
SW Harrison St Parking Garage @ SW Harrison St - South Entrance	0	0	0	0.0%	0.0
SW Broadway Dr @ SW Grant St - South Entrance	145	178	33	22.8%	2.6
Frontage Road @ SW Kelly Ave - South Entrance	32	46	14	43.8%	2.2
SW Corbett Ave @ SW Gibbs St - South Entrance	113	106	-7	-6.2%	0.7
SW 2nd Ave @ SW Hooker St - South Entrance	5	4	-1	-20.0%	0.5
2nd Ave @ Woods - South Entrance	5	6	1	20.0%	0.4
SW Naito Pkwy @ SW Harrison St - East Entrance	72	77	5	6.9%	0.6
SW 5th Ave @ SW Montgomery St - East Entrance	8	6	-2	-25.0%	0.8
SW 6th Ave @ SW Jackson St - East Entrance	329	324	-5	-1.5%	0.3
SW Naito Pkwy @ SW Hooker St - East Entrance	7	6	-1	-14.3%	0.4
SE Milwaukie Ave @ SE Powell Blvd - East Entrance	1887	1889	2	0.1%	0.0
SW Barbur Blvd @ SW Whitaker St - East Entrance	91	91	0	0.0%	0.0
SW Hood Ave @ SW Whitaker St - East Entrance	571	567	-4	-0.7%	0.2
SW Barbur Blvd @ SW Pennoyer St - East Entrance	8	20	12	150.0%	3.2
SW Barbur Blvd @ SW Lowell St - East Entrance	14	10	-4	-28.6%	1.2
SW Corbett Ave @ SW Bancroft St - East Entrance	28	27	-1	-3.6%	0.2
SW Hamilton Blvd @ SW Corbett Ave - East Entrance	30	28	-2	-6.7%	0.4
SW Barbur Blvd @ Barbur Apartments Driveway - East Entrance	22	19	-3	-13.6%	0.7
SW 1st Ave @ SW Hooker St - East Entrance	5	2	-3	0.0%	0.0
SW 1st Ave @ Make-A-Wish Driveway - East Entrance	0	0	0	0.0%	0.0
SW 4th Ave @ PSU Parking Garage - East Entrance	10	9	-1	-10.0%	0.3
SW 6th Ave @ SW Harrison St - West Entrance	42	36	-6	-14.3%	1.0
SW 6th Ave @ SW Hall St - West Entrance	18	14	-4	-22.2%	1.0
SW Broadway @ SW College St - West Entrance	2	0	-2	-100.0%	2.0
SW Broadway @ SW Jackson St - West Entrance	54	54	0	0.0%	0.0

Entry GEH (7-8 AM)					
Entry Location	Count	Vissim Throughput	Diff	%Diff	GEH
SW 5th Ave @ SW Jackson St - West Entrance	1	0	-1	-100.0%	1.4
SW Broadway @ I-405 SB Off-Ramp/SW Lincoln St - West Entrance	1296	1295	-1	-0.1%	0.0
SW 4th Ave @ SW Caruthers St - West Entrance	10	10	0	0.0%	0.0
SW 6th Ave/SW Terwilliger Blvd @ SW Sheridan St - West Entrance	0	0	0	0.0%	0.0
SW 1st Ave @ SW Sheridan St - West Entrance	5	2	-3	-60.0%	1.6
SW Barbur Blvd @ SW Hooker St - West Entrance	11	8	-3	-27.3%	1.0
SW Kelly St/SW Corbett Ave @ SW Porter St/SW Hood Ave - West Entrance	15	13	-2	-13.3%	0.5
SW Barbur Blvd @ SW Woods St - West Entrance	8	6	-2	-25.0%	0.8
SW Naito Pkwy @ SW Whitaker St - West Entrance	2	2	0	0.0%	0.0
SW Kelly Ave @ SW Whitaker St - West Entrance	23	20	-3	-13.0%	0.6
SW Barbur Blvd @ SW Condor Ave - West Entrance	10	7	-3	-30.0%	1.0
SW Barbur Blvd @ SW Lane St - West Entrance	40	35	-5	-12.5%	0.8
SW Barbur Blvd @ SW Abernathy St - West Entrance	25	19	-6	-24.0%	1.3
SW Barbur Blvd @ SW Hamilton St - West Entrance	80	71	-9	-11.3%	1.0
SW Terwilliger Blvd @ SW Capitol Hwy - West Entrance	1158	1136	-22	-1.9%	0.6
I5NB Off @ Corbett - West Entrance	188	188	0	0.0%	0.0
SW Kelly Ave @ SW Curry St - West Entrance	61	57	-4	-6.6%	0.5
Macadam Ave @ Curry St - West Entrance	113	112	-1	-0.9%	0.1
SW 6th Ave @ SW 6th Ave Parking Garage - West Entrance	0	0	0	0.0%	0.0
SW Naito Pkwy @ Ochin Inc Driveway - West Entrance	13	12	-1	0.0%	0.0
SW 1st Ave @ Lincoln Apartments Driveway - West Entrance	0	0	0	0.0%	0.0
SW 1st Ave @ ADP South East Driveway - West Entrance	0	0	0	0.0%	0.0
SW Barbur Blvd @ Under Armour Driveway - West Entrance	0	0	0	0.0%	0.0
Corbett @ Seymour - West Entrance	0	0	0	0.0%	0.0
Total	15036	14900	-136	-0.9%	1.1

Exit GEH (7-8 AM)					
Exit Location	Count	Vissim Throughput	Diff	%Diff	GEH
SW 4th Ave @ SW Harrison St - North Exit	1080	1035	-45	0%	0.0
SW Naito Pkwy @ SW Harrison St - North Exit	1110	1081	-29	-3%	0.9
SW 6th Ave @ SW Harrison St - North Exit	394	381	-13	0%	0.0
SW 3rd Ave @ SW Lincoln St - North Exit	54	49	-5	-9%	0.7
SW 2nd Ave @ SW Lincoln St - North Exit	18	15	-3	-17%	0.7
SW Water St @ SW Kelly St - North Exit	189	199	10	0%	0.0
SW Corbett Ave/SW Kelly St @ SW Macadam Ave - North Exit	105	105	0	0%	0.0
SW Water Ave @ Ross Island Bridge - North Exit	66	70	4	6%	0.5
SE 8th Ave @ SE Powell Blvd - North Exit	14	15	1	7%	0.3
SE 10th Ave @ SE Powell Blvd - North Exit	149	131	-18	-12%	1.5
SE Milwaukie Ave @ SE Powell Blvd - North Exit	392	393	1	0%	0.1
SW Corbett Ave @ SW Bancroft St - North Exit	135	133	-2	-1%	0.2
SW Terwilliger Blvd @ SW Capitol Hwy - North Exit	373	368	-5	-1%	0.3
ADP South Driveway @ SW Arthur St - North Exit	10	7	-3	0%	0.0
SW 3rd Ave Parking Lot IB @ SW Harrison St - North Exit	0	0	0	0%	0.0
SW Hall St Parking Garage @ SW Hall St - North Exit	0	0	0	0%	0.0
Macadam @ I-5 NB On-Ramp - North Exit	905	904	-1	0%	0.0
SW 2nd Ave @ SW Hooker St - North Exit	5	2	-3	0%	0.0
SW 5th Ave @ SW Jackson St - South Exit	107	106	-1	-1%	0.1
SW 3rd Ave @ SW Lincoln St - South Exit	52	51	-1	-2%	0.1
SW 2nd Ave @ SW Lincoln St - South Exit	41	38	-3	-7%	0.5
SW 6th Ave/SW Terwilliger Blvd @ SW Sheridan St - South Exit	667	638	-29	0%	0.0
SW Kelly St/SW Corbett Ave @ SW Porter St/SW Hood Ave - South Exit	39	39	0	0%	0.0
Hwy 99E SB @ Ross Island Bridge EB - South Exit	589	573	-16	-3%	0.7
SE 8th Ave @ SE Powell Blvd - South Exit	10	10	0	0%	0.0
SE 10th Ave @ SE Powell Blvd - South Exit	10	7	-3	-30%	1.0
SE Milwaukie Ave @ SE Powell Blvd - South Exit	99	105	6	0%	0.0
SW Barbur Blvd @ SW Capitol Hwy WB - South Exit	256	270	14	5%	0.9
SW Terwilliger Blvd @ SW Capitol Hwy - South Exit	86	84	-2	-2%	0.2
I5NB Off @ Corbett - South Exit	394	390	-4	-1%	0.2
SW Kelly Ave @ SW Curry St - South Exit	32	24	-8	-25%	1.5
SW Arthur St Parking Garage @ SW Arthur St - South Exit	93	89	-4	-4%	0.4
ADP South Driveway @ SW Arthur St - South Exit	0	0	0	0%	0.0
SW Harrison St Parking Garage @ SW Harrison St - South Exit	14	13	-1	-7%	0.3
SW Broadway Dr @ SW Grant St - South Exit	158	154	-4	-3%	0.3
Frontage Road @ SW Kelly Ave - South Exit	0	0	0	0%	0.0
SW Corbett Ave @ SW Gibbs St - South Exit	37	34	-3	0%	0.0
SW Hood Ave @ SW Curry St - South Exit	2001	1984	-17	-1%	0.4
SW 2nd Ave @ SW Hooker St - South Exit	24	12	-12	-50%	2.8
2nd Ave @ Woods - South Exit	20	12	-8	-40%	2.0
SW Naito Pkwy @ SW Harrison St - East Exit	144	144	0	0%	0.0
SW Naito Pkwy @ SW Porter St - East Exit	0	0	0	0%	0.0
SE Milwaukie Ave @ SE Powell Blvd - East Exit	1032	970	-62	-6%	2.0
SW Barbur Blvd @ SW Whitaker St - East Exit	21	18	-3	-14%	0.7
SW Barbur Blvd @ SW Penoyer St - East Exit	0	0	0	0%	0.0
SW Barbur Blvd @ SW Lowell St - East Exit	30	20	-10	-33%	2.0
SW Corbett Ave @ SW Bancroft St - East Exit	52	50	-2	-4%	0.3
SW Hamilton Blvd @ SW Corbett Ave - East Exit	68	67	-1	-1%	0.1
SW Barbur Blvd @ Barbur Apartments Driveway - East Exit	2	2	0	0%	0.0
Macadam Ave @ Curry St - East Exit	179	168	-11	0%	0.0
SW 1st Ave @ SW Hooker St - East Exit	2	2	0	0%	0.0
SW 1st Ave @ Make-A-Wish Driveway - East Exit	39	37	-2	-5%	0.3
SW 4th Ave @ PSU Parking Garage - East Exit	110	107	-3	0%	0.0
SW Broadway @ I-405 SB On-ramp - East Exit	318	309	-9	-3%	0.5
SW 6th Ave @ SW Harrison St - West Exit	35	27	-8	-23%	1.4
SW 6th Ave @ SW Hall St - West Exit	19	12	-7	-37%	1.8
SW Broadway @ SW College St - West Exit	11	10	-1	-9%	0.3

Exit GEH (7-8 AM)					
Exit Location	Count	Vissim Throughput	Diff	%Diff	GEH
SW Broadway @ SW Jackson St - West Exit	57	53	-4	0%	0.0
SW 6th Ave @ I-405/Hwy 26 On-Ramp - West Exit	1494	1466	-28	-2%	0.7
SW 5th Ave @ SW Jackson St - West Exit	43	34	-9	-21%	1.5
SW Broadway @ I-405 SB Off-Ramp/SW Lincoln St - West Exit	7	7	0	0%	0.0
SW 4th Ave @ SW Caruthers St - West Exit	15	18	3	0%	0.0
SW 6th Ave/SW Terwilliger Blvd @ SW Sheridan St - West Exit	6	6	0	0%	0.0
SW 1st Ave @ SW Sheridan St - West Exit	5	5	0	0%	0.0
SW Barbur Blvd @ SW Hooker St - West Exit	3	2	-1	-33%	0.6
SW Kelly St/SW Corbett Ave @ SW Porter St/SW Hood Ave - West Exit	30	39	9	30%	1.5
SW Barbur Blvd @ SW Woods St - West Exit	1	1	0	0%	0.0
SW Naito Pkwy @ SW Whitaker St - West Exit	101	95	-6	-6%	0.6
SW Kelly Ave @ SW Whitaker St - West Exit	17	14	-3	-18%	0.8
SW Barbur Blvd @ SW Condor Ave - West Exit	33	40	7	21%	1.2
SW Barbur Blvd @ SW Lane St - West Exit	209	204	-5	-2%	0.3
SW Barbur Blvd @ SW Abernathy St - West Exit	5	2	-3	-60%	1.6
SW Barbur Blvd @ SW Hamilton St - West Exit	206	192	-14	-7%	1.0
SW Terwilliger Blvd @ SW Capitol Hwy - West Exit	532	535	3	1%	0.1
SW Kelly Ave @ SW Curry St - West Exit	2	1	-1	-50%	0.8
SW 6th Ave @ SW 6th Ave Parking Garage - West Exit	157	200	43	0%	0.0
SW Naito Pkwy @ Ochin Inc Driveway - West Exit	88	78	-10	0%	0.0
SW 1st Ave @ Lincoln Apartments Driveway - West Exit	4	1	-3	-75%	1.9
SW 1st Ave @ ADP South East Driveway - West Exit	33	27	-6	0%	0.0
SW Barbur Blvd @ Under Armour Driveway - West Exit	34	30	-4	0%	0.0
SW Barbur Blvd SB @ SW Bancroft St - West Exit	98	102	4	0%	0.0
Corbett @ Seymour - West Exit	0	0	0	0%	0.0
Total	14970	14616	-354	-2%	2.9

Entry GEH (8-9 AM)					
Entry Location	Count	Vissim Throughput	Diff	%Diff	GEH
SW 1st Ave @ SW Harrison St - North Entrance	214	204	-10	-4.7%	0.7
SW Naito Pkwy @ SW Harrison St - North Entrance	688	675	-13	-1.9%	0.5
SW 5th Ave @ SW Montgomery St - North Entrance	162	174	12	7.4%	0.9
SW Broadway @ SW College St - North Entrance	369	363	-6	-1.6%	0.3
SW 3rd Ave @ SW Lincoln St - North Entrance	13	10	-3	-23.1%	0.9
SW 2nd Ave @ SW Lincoln St - North Entrance	46	40	-6	-13.0%	0.9
SW Water St @ SW Kelly St - North Entrance	73	74	1	1.4%	0.1
SW Water Ave @ Ross Island Bridge - North Entrance	13	8	-5	-38.5%	1.5
SE 8th Ave @ SE Powell Blvd - North Entrance	855	838	-17	-2.0%	0.6
SE 10th Ave @ SE Powell Blvd - North Entrance	62	58	-4	-6.5%	0.5
SE Milwaukie Ave @ SE Powell Blvd - North Entrance	470	470	0	0.0%	0.0
SW Corbett Ave @ SW Bancroft St - North Entrance	130	129	-1	-0.8%	0.1
SW Terwilliger Blvd @ SW Capitol Hwy - North Entrance	120	115	-5	-4.2%	0.5
ADP South Driveway @ SW Arthur St - North Entrance	2	0	-2	-100.0%	2.0
SW 3rd Ave Parking Lot OB @ SW Harrison St - North Entrance	0	0	0	0.0%	0.0
SW Hall St Parking Garage @ SW Hall St - North Entrance	0	0	0	0.0%	0.0
SW 2nd Ave @ SW Hooker St - North Entrance	25	23	-2	-8.0%	0.4
SW 4th Ave @ SW Lincoln St - South Entrance	391	389	-2	-0.5%	0.1
SW 3rd Ave @ SW Lincoln St - South Entrance	10	8	-2	-20.0%	0.7
SW 2nd Ave @ SW Lincoln St - South Entrance	14	13	-1	-7.1%	0.3
SW 6th Ave/SW Terwilliger Blvd @ SW Sheridan St - South Entrance	414	424	10	2.4%	0.5
Hwy 99E NB @ Ross Island Bridge EB - South Entrance	19	18	-1	-5.3%	0.2
SE 8th Ave @ SE Powell Blvd - South Entrance	10	8	-2	-20.0%	0.7
SE 10th Ave @ SE Powell Blvd - South Entrance	17	16	-1	-5.9%	0.2
SE Milwaukie Ave @ SE Powell Blvd - South Entrance	575	551	-24	-4.2%	1.0
SW Barbur Blvd @ SW Capitol Hwy EB - South Entrance	1544	1567	23	1.5%	0.6
SW Terwilliger Blvd @ SW Capitol Hwy - South Entrance	257	247	-10	-3.9%	0.6
I5NB Off @ Corbett - South Entrance	487	483	-4	-0.8%	0.2
SW Kelly Ave @ SW Curry St - South Entrance	84	84	0	0.0%	0.0
Macadam Ave @ Curry St - South Entrance	2245	2228	-17	-0.8%	0.4
SW Arthur St Parking Garage @ SW Arthur St - South Entrance	10	8	-2	-20.0%	0.7
ADP South Driveway @ SW Arthur St - South Entrance	3	4	1	0.0%	0.0
SW Harrison St Parking Garage @ SW Harrison St - South Entrance	11	8	-3	0.0%	0.0
SW Broadway Dr @ SW Grant St - South Entrance	276	273	-3	-1.1%	0.2
Frontage Road @ SW Kelly Ave - South Entrance	18	44	26	144.4%	4.7
SW Corbett Ave @ SW Gibbs St - South Entrance	182	157	-25	-13.7%	1.9
SW 2nd Ave @ SW Hooker St - South Entrance	10	8	-2	-20.0%	0.7
2nd Ave @ Woods - South Entrance	12	13	1	8.3%	0.3
SW Naito Pkwy @ SW Harrison St - East Entrance	82	83	1	1.2%	0.1
SW 5th Ave @ SW Montgomery St - East Entrance	21	18	-3	-14.3%	0.7
SW 6th Ave @ SW Jackson St - East Entrance	405	406	1	0.2%	0.0
SW Naito Pkwy @ SW Hooker St - East Entrance	8	5	-3	-37.5%	1.2
SE Milwaukie Ave @ SE Powell Blvd - East Entrance	2119	2099	-20	-0.9%	0.4
SW Barbur Blvd @ SW Whitaker St - East Entrance	90	94	4	4.4%	0.4
SW Hood Ave @ SW Whitaker St - East Entrance	736	735	-1	-0.1%	0.0
SW Barbur Blvd @ SW Pennoyer St - East Entrance	20	35	15	75.0%	2.9
SW Barbur Blvd @ SW Lowell St - East Entrance	92	85	-7	-7.6%	0.7
SW Corbett Ave @ SW Bancroft St - East Entrance	52	46	-6	-11.5%	0.9
SW Hamilton Blvd @ SW Corbett Ave - East Entrance	130	125	-5	-3.8%	0.4
SW Barbur Blvd @ Barbur Apartments Driveway - East Entrance	15	14	-1	-6.7%	0.3
SW 1st Ave @ SW Hooker St - East Entrance	2	0	-2	0.0%	0.0
SW 1st Ave @ Make-A-Wish Driveway - East Entrance	0	0	0	0.0%	0.0
SW 4th Ave @ PSU Parking Garage - East Entrance	37	36	-1	-2.7%	0.2
SW 6th Ave @ SW Harrison St - West Entrance	54	50	-4	-7.4%	0.6
SW 6th Ave @ SW Hall St - West Entrance	44	43	-1	-2.3%	0.2
SW Broadway @ SW College St - West Entrance	1	0	-1	-100.0%	1.4
SW Broadway @ SW Jackson St - West Entrance	25	39	14	56.0%	2.5

Entry GEH (8-9 AM)					
Entry Location	Count	Vissim Throughput	Diff	%Diff	GEH
SW 5th Ave @ SW Jackson St - West Entrance	5	4	-1	-20.0%	0.5
SW Broadway @ I-405 SB Off-Ramp/SW Lincoln St - West Entrance	1544	1525	-19	-1.2%	0.5
SW 4th Ave @ SW Caruthers St - West Entrance	14	14	0	0.0%	0.0
SW 6th Ave/SW Terwilliger Blvd @ SW Sheridan St - West Entrance	0	0	0	0.0%	0.0
SW 1st Ave @ SW Sheridan St - West Entrance	0	0	0	0.0%	0.0
SW Barbur Blvd @ SW Hooker St - West Entrance	6	5	-1	-16.7%	0.4
SW Kelly St/SW Corbett Ave @ SW Porter St/SW Hood Ave - West Entrance	22	18	-4	-18.2%	0.9
SW Barbur Blvd @ SW Woods St - West Entrance	4	4	0	0.0%	0.0
SW Naito Pkwy @ SW Whitaker St - West Entrance	1	1	0	0.0%	0.0
SW Kelly Ave @ SW Whitaker St - West Entrance	46	44	-2	-4.3%	0.3
SW Barbur Blvd @ SW Condor Ave - West Entrance	16	14	-2	-12.5%	0.5
SW Barbur Blvd @ SW Lane St - West Entrance	50	46	-4	-8.0%	0.6
SW Barbur Blvd @ SW Abernathy St - West Entrance	31	31	0	0.0%	0.0
SW Barbur Blvd @ SW Hamilton St - West Entrance	61	60	-1	-1.6%	0.1
SW Terwilliger Blvd @ SW Capitol Hwy - West Entrance	1234	1262	28	2.3%	0.8
I5NB Off @ Corbett - West Entrance	176	178	2	1.1%	0.2
SW Kelly Ave @ SW Curry St - West Entrance	66	66	0	0.0%	0.0
Macadam Ave @ Curry St - West Entrance	97	94	-3	-3.1%	0.3
SW 6th Ave @ SW 6th Ave Parking Garage - West Entrance	0	0	0	0.0%	0.0
SW Naito Pkwy @ Ochin Inc Driveway - West Entrance	31	32	1	0.0%	0.0
SW 1st Ave @ Lincoln Apartments Driveway - West Entrance	5	0	-5	0.0%	0.0
SW 1st Ave @ ADP South East Driveway - West Entrance	0	0	0	0.0%	0.0
SW Barbur Blvd @ Under Armour Driveway - West Entrance	0	0	0	0.0%	0.0
Corbett @ Seymour - West Entrance	0	0	0	0.0%	0.0
Total	17173	17043	-130	-0.8%	1.0

Exit GEH (8-9 AM)					
Exit Location	Count	Vissim Throughput	Diff	%Diff	GEH
SW 4th Ave @ SW Harrison St - North Exit	1250	1252	2	0%	0.0
SW Naito Pkwy @ SW Harrison St - North Exit	1223	1197	-26	-2%	0.7
SW 6th Ave @ SW Harrison St - North Exit	551	516	-35	0%	0.0
SW 3rd Ave @ SW Lincoln St - North Exit	42	42	0	0%	0.0
SW 2nd Ave @ SW Lincoln St - North Exit	20	18	-2	-10%	0.5
SW Water St @ SW Kelly St - North Exit	177	203	26	0%	0.0
SW Corbett Ave/SW Kelly St @ SW Macadam Ave - North Exit	92	95	3	3%	0.3
SW Water Ave @ Ross Island Bridge - North Exit	35	35	0	0%	0.0
SE 8th Ave @ SE Powell Blvd - North Exit	53	53	0	0%	0.0
SE 10th Ave @ SE Powell Blvd - North Exit	207	208	1	0%	0.1
SE Milwaukie Ave @ SE Powell Blvd - North Exit	499	489	-10	-2%	0.4
SW Corbett Ave @ SW Bancroft St - North Exit	152	148	-4	-3%	0.3
SW Terwilliger Blvd @ SW Capitol Hwy - North Exit	387	383	-4	-1%	0.2
ADP South Driveway @ SW Arthur St - North Exit	5	3	-2	0%	0.0
SW 3rd Ave Parking Lot IB @ SW Harrison St - North Exit	0	12	12	0%	0.0
SW Hall St Parking Garage @ SW Hall St - North Exit	15	14	-1	0%	0.0
Macadam @ I-5 NB On-Ramp - North Exit	981	990	9	1%	0.3
SW 2nd Ave @ SW Hooker St - North Exit	15	12	-3	0%	0.0
SW 5th Ave @ SW Jackson St - South Exit	146	135	-11	-8%	0.9
SW 3rd Ave @ SW Lincoln St - South Exit	25	25	0	0%	0.0
SW 2nd Ave @ SW Lincoln St - South Exit	36	36	0	0%	0.0
SW 6th Ave/SW Terwilliger Blvd @ SW Sheridan St - South Exit	590	668	78	0%	0.0
SW Kelly St/SW Corbett Ave @ SW Porter St/SW Hood Ave - South Exit	31	38	7	0%	0.0
Hwy 99E SB @ Ross Island Bridge EB - South Exit	518	536	18	3%	0.8
SE 8th Ave @ SE Powell Blvd - South Exit	8	5	-3	-38%	1.2
SE 10th Ave @ SE Powell Blvd - South Exit	14	17	3	21%	0.8
SE Milwaukie Ave @ SE Powell Blvd - South Exit	168	172	4	0%	0.0
SW Barbur Blvd @ SW Capitol Hwy WB - South Exit	1131	1065	-66	-6%	2.0
SW Terwilliger Blvd @ SW Capitol Hwy - South Exit	110	107	-3	-3%	0.3
ISNB Off @ Corbett - South Exit	545	541	-4	-1%	0.2
SW Kelly Ave @ SW Curry St - South Exit	16	15	-1	-6%	0.3
SW Arthur St Parking Garage @ SW Arthur St - South Exit	116	111	-5	-4%	0.5
ADP South Driveway @ SW Arthur St - South Exit	1	0	-1	0%	0.0
SW Harrison St Parking Garage @ SW Harrison St - South Exit	41	38	-3	-7%	0.5
SW Broadway Dr @ SW Grant St - South Exit	175	173	-2	-1%	0.2
Frontage Road @ SW Kelly Ave - South Exit	13	12	-1	0%	0.0
SW Corbett Ave @ SW Gibbs St - South Exit	80	76	-4	0%	0.0
SW Hood Ave @ SW Curry St - South Exit	2180	2153	-27	-1%	0.6
SW 2nd Ave @ SW Hooker St - South Exit	33	31	-2	-6%	0.4
2nd Ave @ Woods - South Exit	18	3	-15	-83%	4.6
SW Naito Pkwy @ SW Harrison St - East Exit	107	115	8	7%	0.8
SW Naito Pkwy @ SW Porter St - East Exit	0	0	0	0%	0.0
SE Milwaukie Ave @ SE Powell Blvd - East Exit	1136	1138	2	0%	0.1
SW Barbur Blvd @ SW Whitaker St - East Exit	38	34	-4	-11%	0.7
SW Barbur Blvd @ SW Pennoyer St - East Exit	3	2	-1	0%	0.0
SW Barbur Blvd @ SW Lowell St - East Exit	6	8	2	33%	0.8
SW Corbett Ave @ SW Bancroft St - East Exit	44	45	1	2%	0.1
SW Hamilton Blvd @ SW Corbett Ave - East Exit	66	67	1	2%	0.1
SW Barbur Blvd @ Barbur Apartments Driveway - East Exit	0	0	0	0%	0.0
Macadam Ave @ Curry St - East Exit	207	204	-3	0%	0.0
SW 1st Ave @ SW Hooker St - East Exit	0	0	0	0%	0.0
SW 1st Ave @ Make-A-Wish Driveway - East Exit	27	27	0	0%	0.0
SW 4th Ave @ PSU Parking Garage - East Exit	118	110	-8	0%	0.0
SW Broadway @ I-405 SB On-ramp - East Exit	225	225	0	0%	0.0
SW 6th Ave @ SW Harrison St - West Exit	38	33	-5	-13%	0.8
SW 6th Ave @ SW Hall St - West Exit	28	22	-6	-21%	1.2
SW Broadway @ SW College St - West Exit	16	15	-1	-6%	0.3

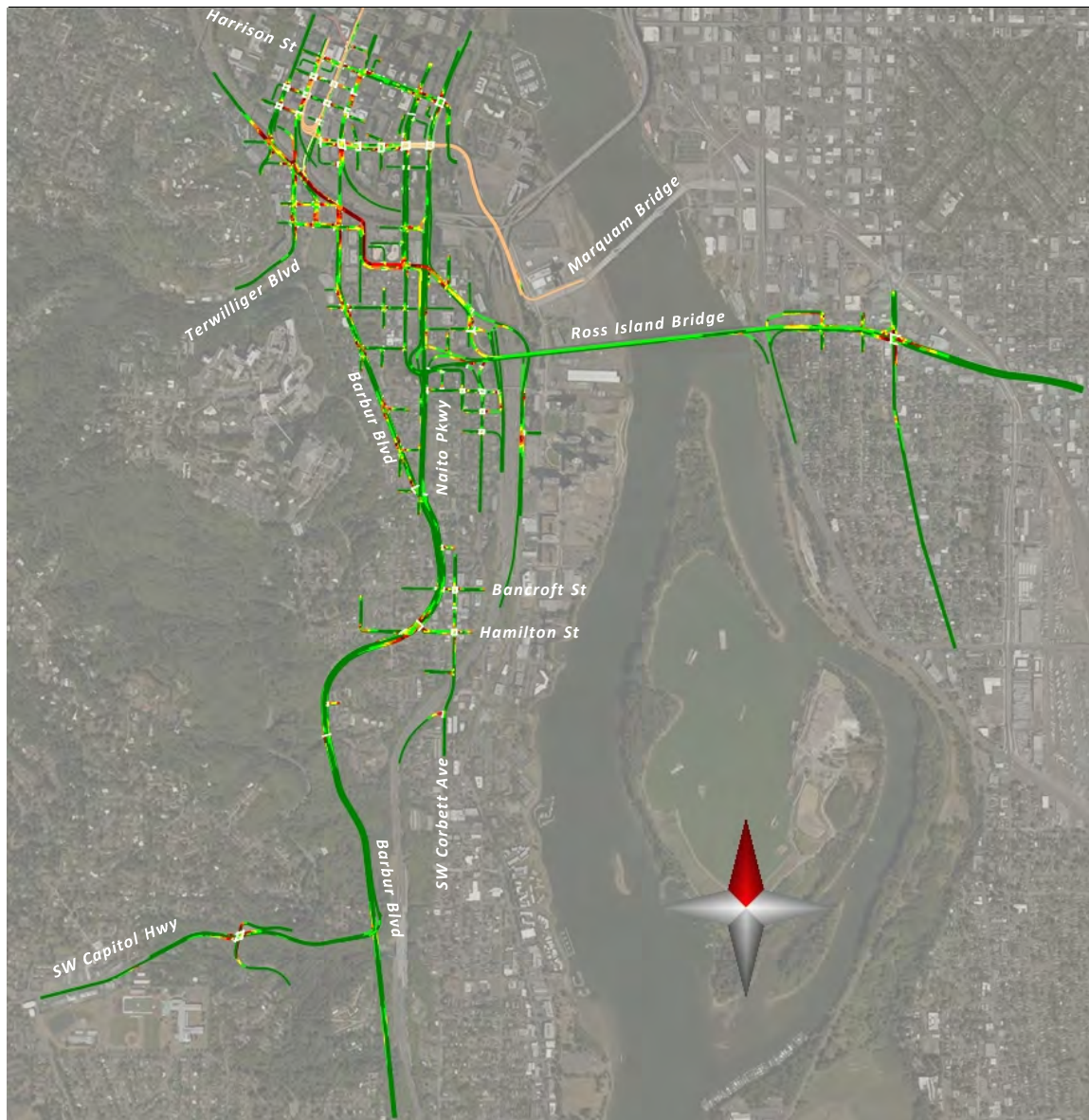
Exit GEH (8-9 AM)					
Exit Location	Count	Vissim Throughput	Diff	%Diff	GEH
SW Broadway @ SW Jackson St - West Exit	33	31	-2	0%	0.0
SW 6th Ave @ I-405/Hwy 26 On-Ramp - West Exit	1702	1662	-40	-2%	1.0
SW 5th Ave @ SW Jackson St - West Exit	30	30	0	0%	0.0
SW Broadway @ I-405 SB Off-Ramp/SW Lincoln St - West Exit	3	3	0	0%	0.0
SW 4th Ave @ SW Caruthers St - West Exit	15	14	-1	0%	0.0
SW 6th Ave/SW Terwilliger Blvd @ SW Sheridan St - West Exit	16	15	-1	-6%	0.3
SW 1st Ave @ SW Sheridan St - West Exit	2	2	0	0%	0.0
SW Barbur Blvd @ SW Hooker St - West Exit	1	1	0	0%	0.0
SW Kelly St/SW Corbett Ave @ SW Porter St/SW Hood Ave - West Exit	23	29	6	26%	1.2
SW Barbur Blvd @ SW Woods St - West Exit	4	1	-3	-75%	1.9
SW Naito Pkwy @ SW Whitaker St - West Exit	65	59	-6	-9%	0.8
SW Kelly Ave @ SW Whitaker St - West Exit	32	30	-2	-6%	0.4
SW Barbur Blvd @ SW Condor Ave - West Exit	21	38	17	81%	3.1
SW Barbur Blvd @ SW Lane St - West Exit	180	188	8	4%	0.6
SW Barbur Blvd @ SW Abernathy St - West Exit	7	5	-2	-29%	0.8
SW Barbur Blvd @ SW Hamilton St - West Exit	168	168	0	0%	0.0
SW Terwilliger Blvd @ SW Capitol Hwy - West Exit	546	558	12	2%	0.5
SW Kelly Ave @ SW Curry St - West Exit	3	0	-3	-100%	2.4
SW 6th Ave @ SW 6th Ave Parking Garage - West Exit	150	157	7	0%	0.0
SW Naito Pkwy @ Ochin Inc Driveway - West Exit	232	243	11	0%	0.0
SW 1st Ave @ Lincoln Apartments Driveway - West Exit	5	3	-2	-40%	1.0
SW 1st Ave @ ADP South East Driveway - West Exit	12	15	3	0%	0.0
SW Barbur Blvd @ Under Armour Driveway - West Exit	16	20	4	0%	0.0
SW Barbur Blvd SB @ SW Bancroft St - West Exit	115	101	-14	0%	0.0
Corbett @ Seymour - West Exit	0	0	0	0%	0.0
Total	17139	17045	-94	-1%	0.7

Attachment G: Queue Plots

Existing Conditions – Segment A

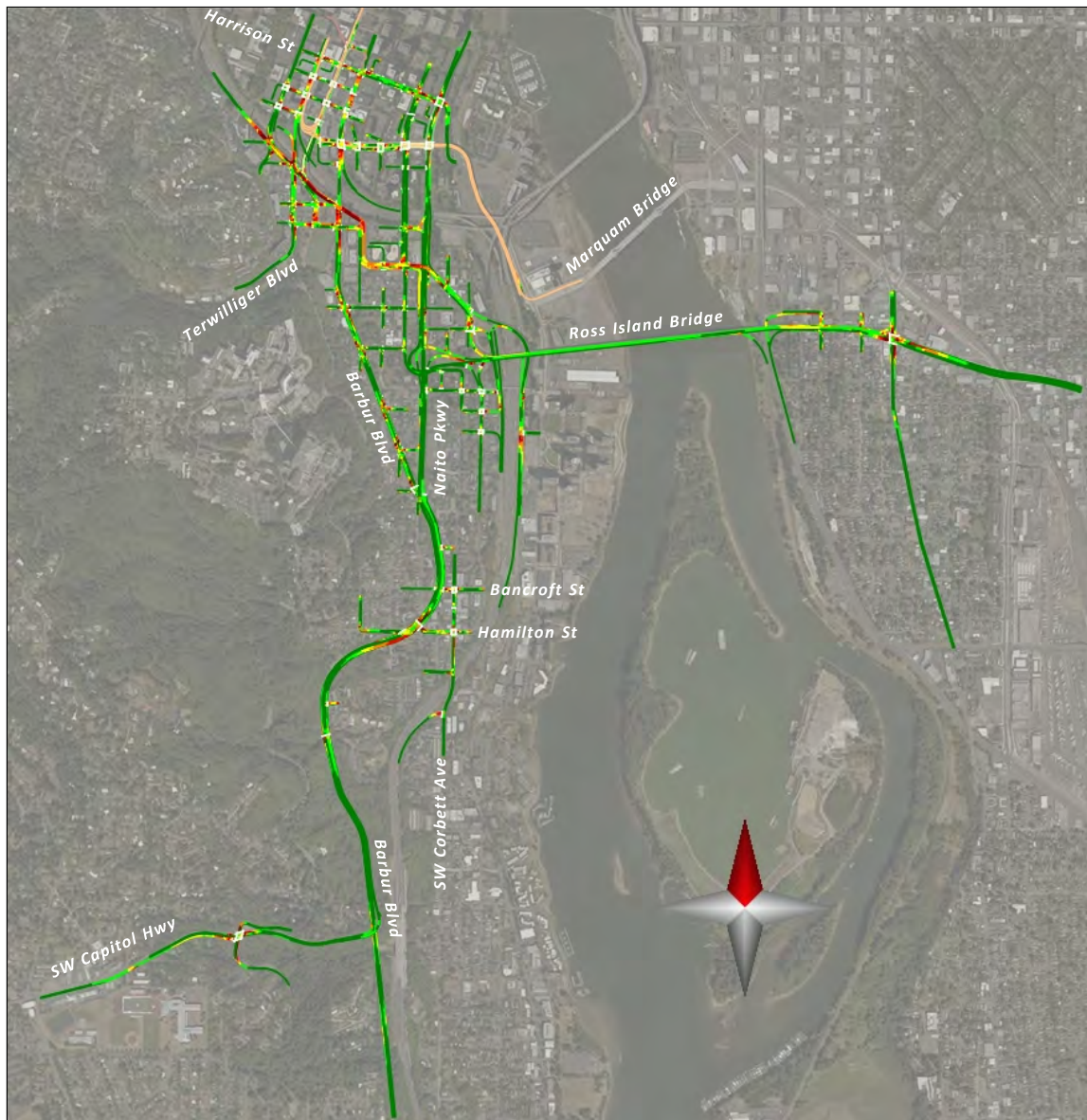
Full Study Area – AM Model

Existing Conditions – AM



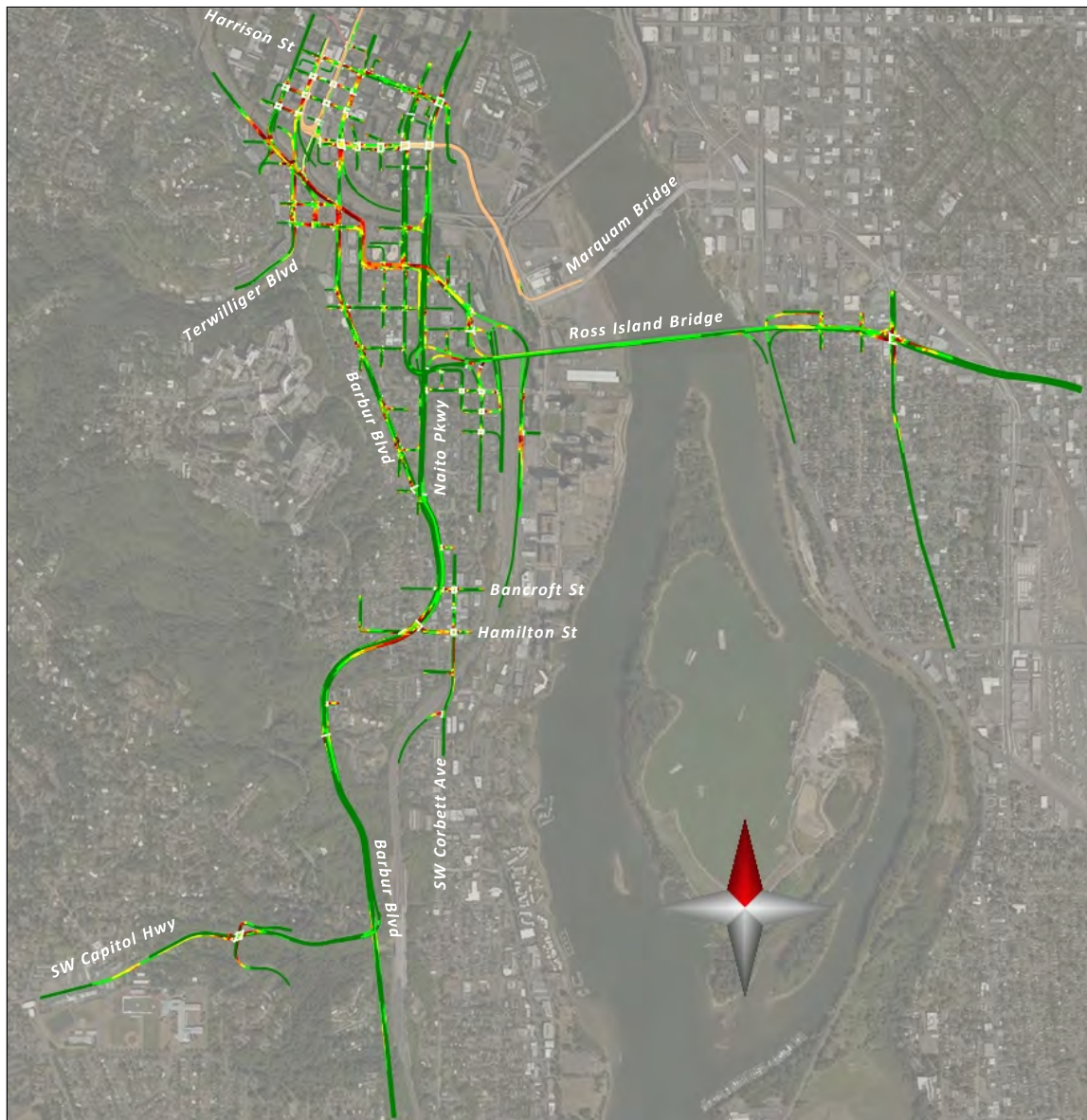
7:00 – 7:15 AM

Existing Conditions – AM



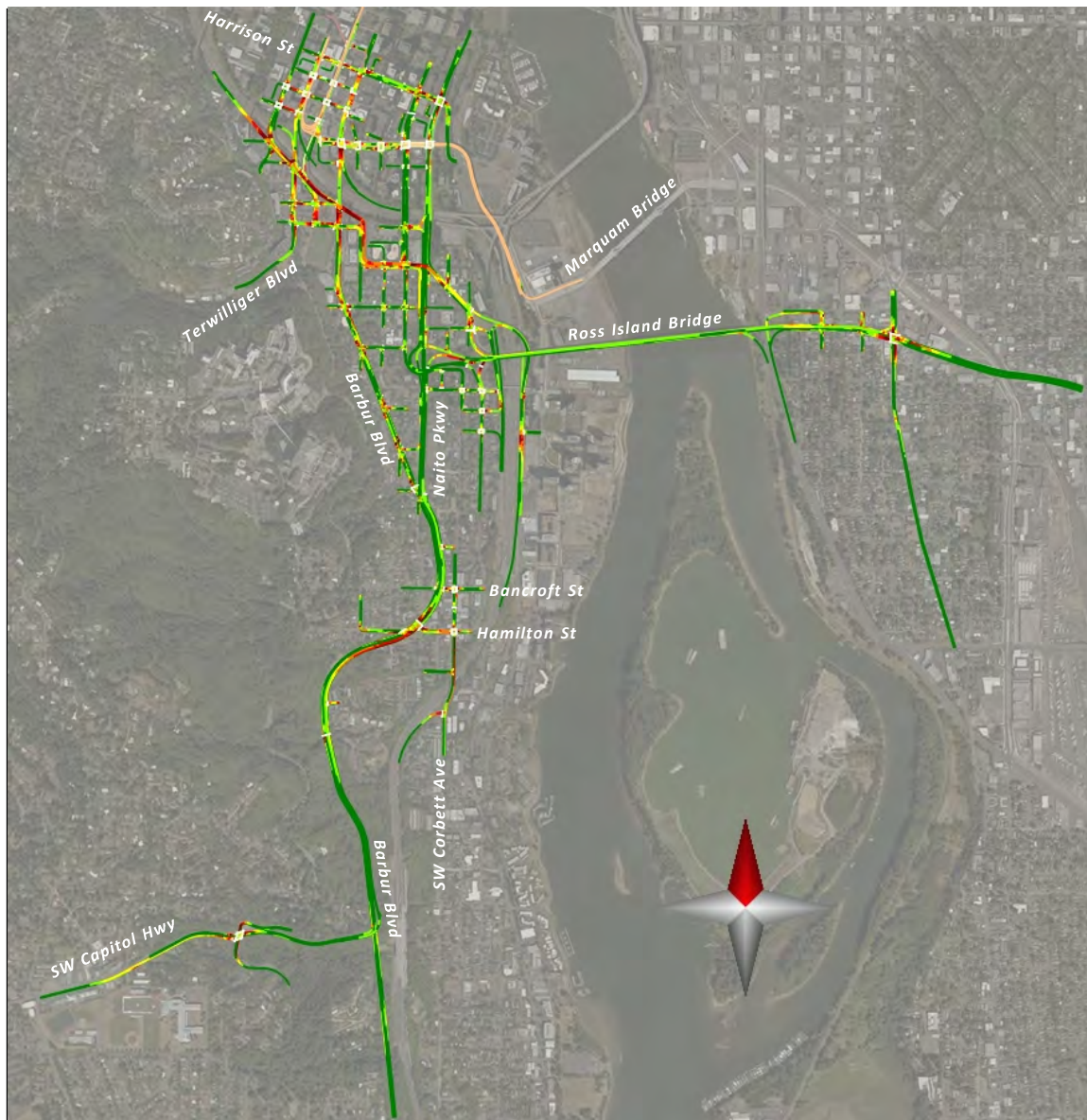
7:15 – 7:30 AM

Existing Conditions – AM



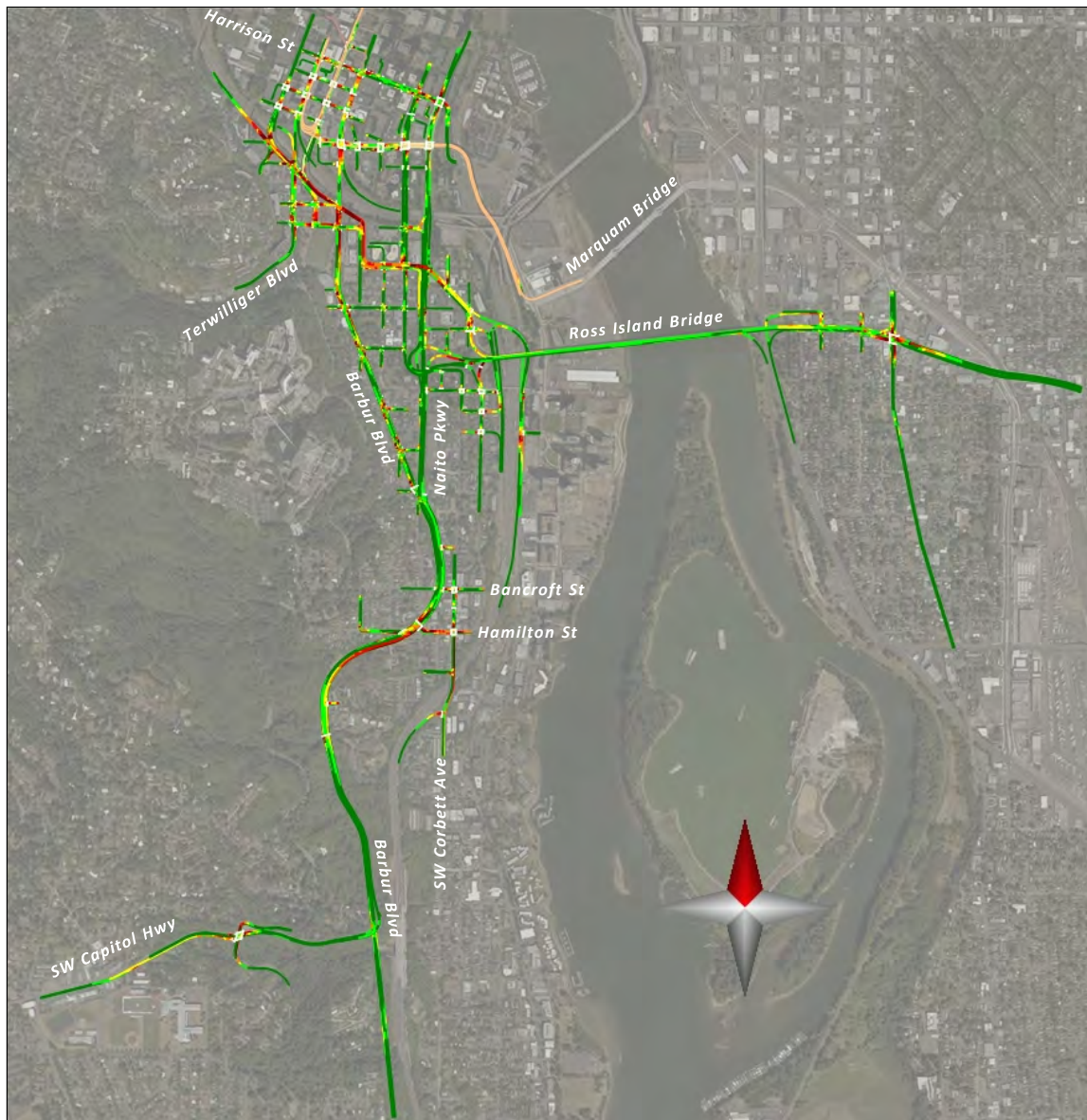
7:30 – 7:45 AM

Existing Conditions – AM



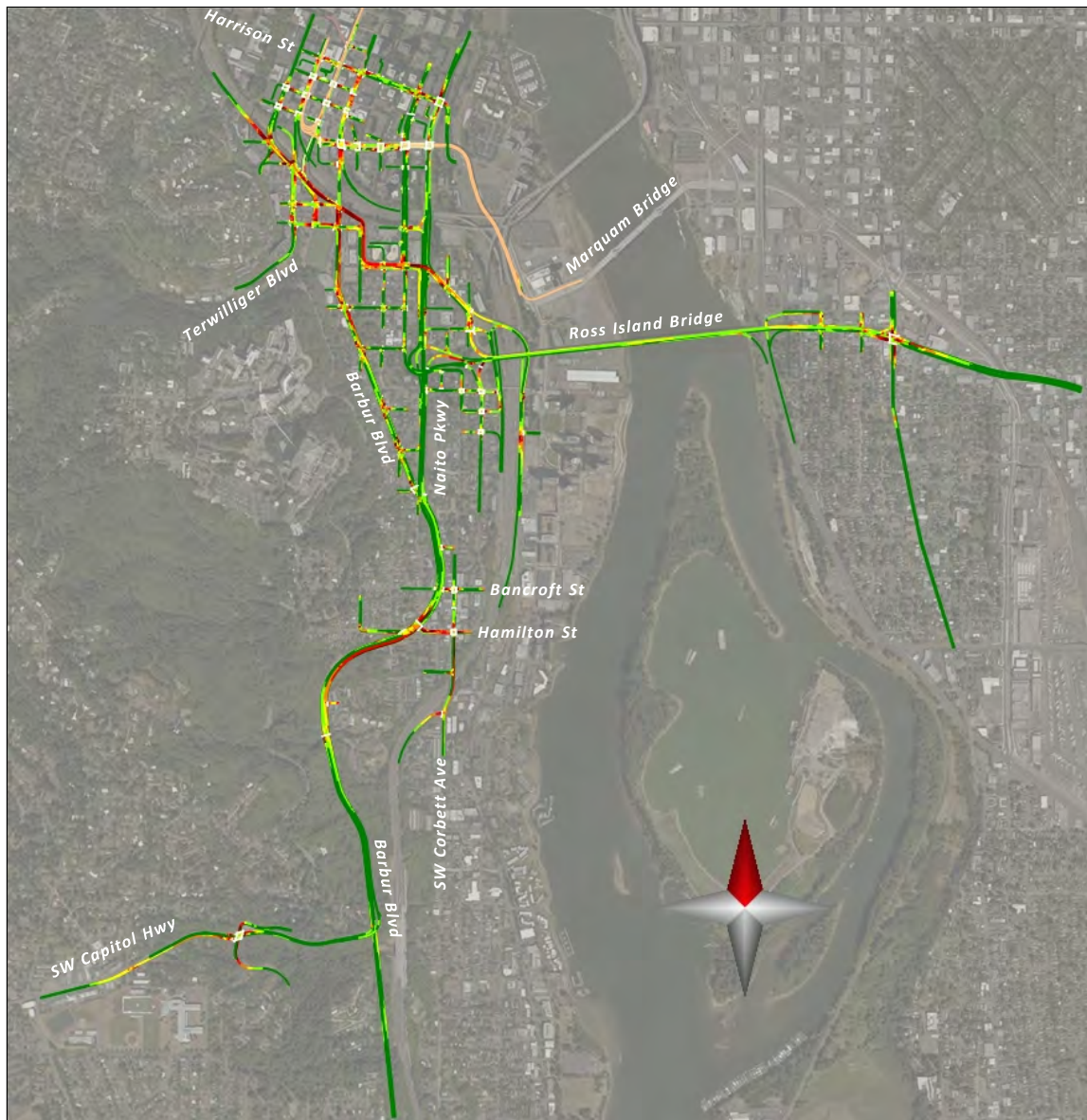
7:45 – 8:00 AM

Existing Conditions – AM



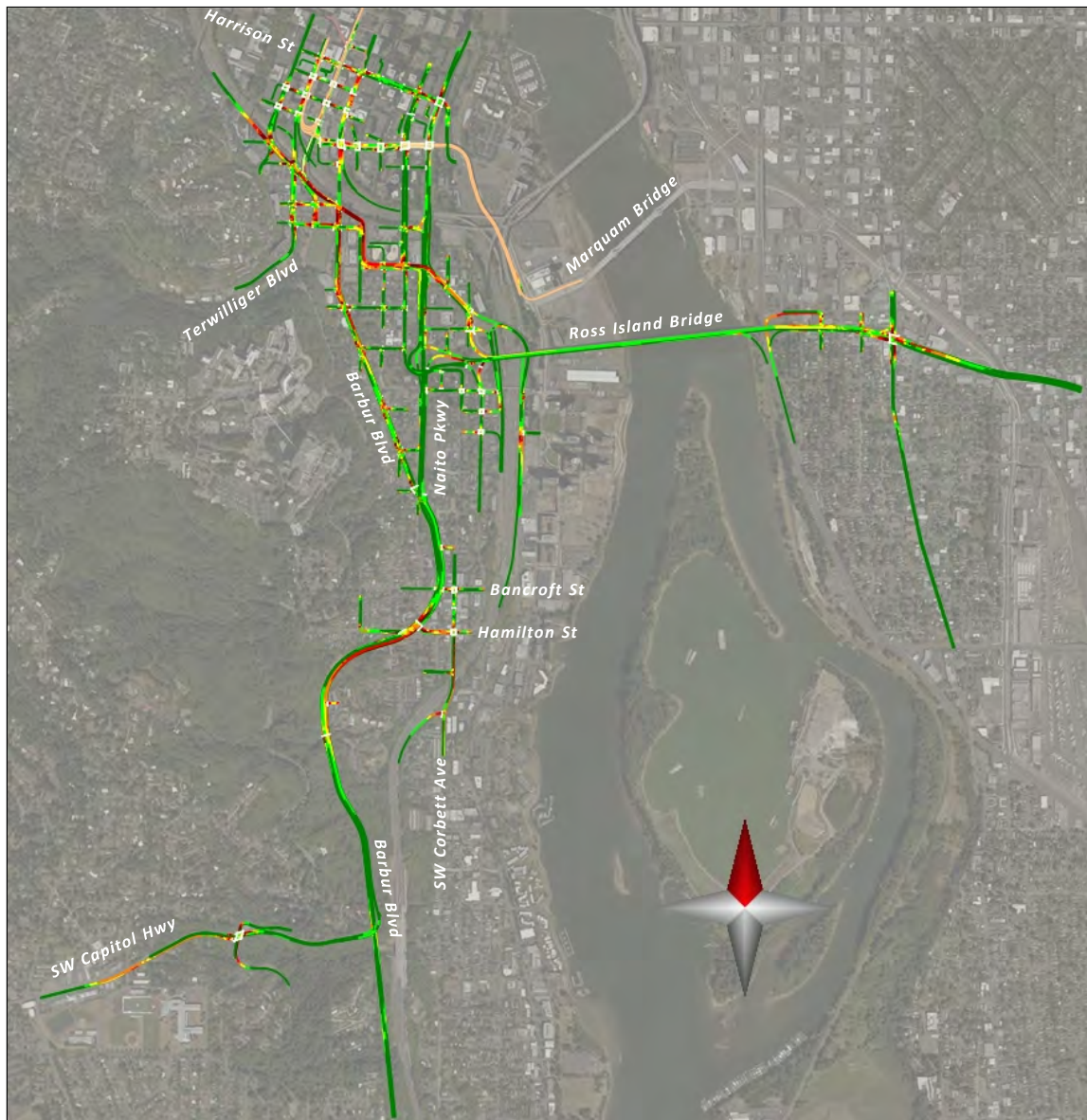
8:00 – 8:15 AM

Existing Conditions – AM



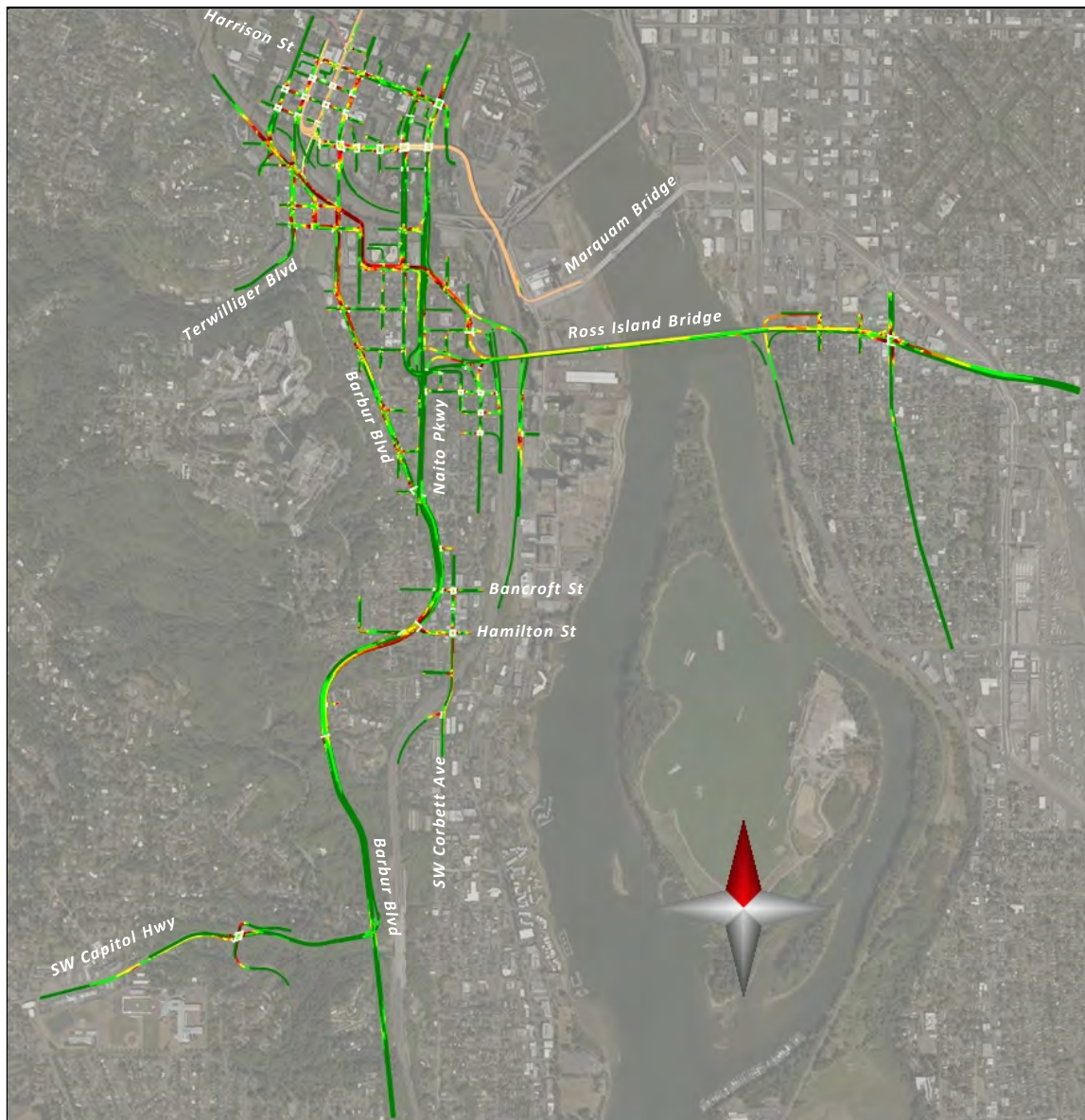
8:15 – 8:30 AM

Existing Conditions – AM



8:30 – 8:45 AM

Existing Conditions – AM



8:45 – 9:00 AM

Attachment H: Intersection Delay

**Delay Results for AM
Peak Hour**

**Existing Conditions
Delay (Sec)**

Study Intersection No.		9	12	13	17
Approach	Movement	SW 4th Ave @ SW Harrison St	SW 1st Ave @ SW Harrison St	SW Naito Pkwy @ SW Harrison St	SW 6th Ave @ SW Harrison St
NB	Left	13	31	43	7
	Thru	10	-	10	5
	Right	9	8	12	10
SB	Left	-	16	-	-
	Thru	-	16	18	-
	Right	-	8	16	-
EB	Left	32	-	41	22
	Thru	-	8	6	-
	Right	20	18	26	18
WB	Left	-	22	40	-
	Thru	15	17	28	11
	Right	14	-	14	12
Intersection Total		12	18	17	8

Delay Results for AM Peak Hour					
Existing Conditions Delay (Sec)					
Study Intersection No.		18	19	20	21
Approach	Movement	SW 5th Ave @ SW Harrison St	SW 6th Ave @ SW Hall St	SW 5th Ave @ SW Hall St	SW 4th Ave @ SW Hall St
NB	Left	-	14	-	10
	Thru	-	11	-	8
	Right	-	-	-	-
SB	Left	8	-	15	-
	Thru	6	-	10	-
	Right	-	-	-	-
EB	Left	-	7	-	23
	Thru	22	-	15	-
	Right	8	7	9	-
WB	Left	34	-	25	-
	Thru	28	2	24	-
	Right	-	5	-	-
Intersection Total		14	11	12	8

Delay Results for AM Peak Hour					
Existing Conditions Delay (Sec)					
Study Intersection No.		22	23	24	25
Approach	Movement	SW Broadway @ SW College St	SW 6th Ave @ SW College St	SW 5th Ave @ SW College St	SW 4th Ave @ SW College St
NB	Left	-	13	-	1
	Thru	-	10	-	1
	Right	-	-	-	-
SB	Left	7	-	2	-
	Thru	7	-	6	-
	Right	6	-	-	-
EB	Left	-	10	-	12
	Thru	0	-	29	-
	Right	0	7	0	-
WB	Left	25	-	17	-
	Thru	28	6	15	-
	Right	-	9	-	-
Intersection Total		12	10	11	1

Delay Results for AM Peak Hour					
Existing Conditions Delay (Sec)					
Study Intersection No.		26	27	28	29
Approach	Movement	SW Broadway @ SW Jackson St	SW 6th Ave @ SW Jackson St	SW 6th Ave @ I-405/Hwy 26 On-Ramp	SW 5th Ave @ SW Jackson St
NB	Left	-	3	4	-
	Thru	-	1	-	-
	Right	-	-	-	-
SB	Left	0	-	-	8
	Thru	6	-	-	7
	Right	9	-	-	45
EB	Left	-	16	-	-
	Thru	8	-	-	33
	Right	16	-	-	0
WB	Left	22	-	-	-
	Thru	23	-	-	-
	Right	-	1	-	-
Intersection Total		11	2	4	13

Delay Results for AM Peak Hour					
Existing Conditions Delay (Sec)					
Study Intersection No.		30	31	33	34
Approach	Movement	SW 5th Ave @ SW Lincoln St	SW 4th Ave @ SW Lincoln St	SW 2nd Ave @ SW Lincoln St	SW 1st Ave @ SW Lincoln St
NB	Left	-	14	10	24
	Thru	-	13	-	9
	Right	-	-	5	-
SB	Left	3	-	14	-
	Thru	2	-	-	12
	Right	-	-	5	15
EB	Left	-	40	19	27
	Thru	-	-	8	14
	Right	-	12	10	-
WB	Left	0	-	19	-
	Thru	-	14	10	-
	Right	-	8	7	-
Intersection Total		5	12	10	14

Delay Results for AM Peak Hour					
Existing Conditions Delay (Sec)					
Study Intersection No.		35	37	38	39
Approach	Movement	SW Naito Pkwy @ SW Lincoln St	SW Broadway @ I-405 SB Off-Ramp/SW Lincoln St	SW Broadway @ SW Grant St/SW 6th Ave	SW Broadway @ SW 5th Ave
NB	Left	-	-	-	-
	Thru	7	-	43	-
	Right	-	18	-	-
SB	Left	-	19	-	-
	Thru	6	14	-	34
	Right	-	20	-	-
EB	Left	-	-	51	-
	Thru	-	25	9	-
	Right	-	27	5	2
WB	Left	-	-	-	-
	Thru	-	-	-	76
	Right	-	-	14	-
Intersection Total		7	24	16	44

Delay Results for AM Peak Hour					
Existing Conditions Delay (Sec)					
Study Intersection No.		40	41	42	43
Approach	Movement	SW 4th Ave @ SW Caruthers St	SW 5th Ave @ SW Caruthers St	SW 4th Ave @ SW Caruthers St/SW Broadway	SW 5th Ave @ SW Sheridan St
NB	Left	16	-	45	-
	Thru	3	-	9	-
	Right	-	-	-	-
SB	Left	-	-	-	17
	Thru	3	6	-	-
	Right	2	10	-	-
EB	Left	27	-	-	-
	Thru	11	-	-	-
	Right	-	-	-	28
WB	Left	27	9	-	-
	Thru	8	24	240	-
	Right	3	-	99	-
Intersection Total		6	7	32	17

Delay Results for AM Peak Hour					
Existing Conditions Delay (Sec)					
Study Intersection No.		44	45	46	47
Approach	Movement	SW 6th Ave/SW Terwilliger Blvd @ SW Sheridan St	SW 4th Ave/SW Barbur Blvd @ SW Sheridan St	SW 1st Ave @ SW Sheridan St	SW Naito Pkwy @ SW Sheridan St
NB	Left	0	-	0	-
	Thru	10	62	0	-
	Right	8	36	0	-
SB	Left	37	-	2	-
	Thru	3	-	0	-
	Right	2	-	1	-
EB	Left	0	35	0	-
	Thru	0	1	6	-
	Right	0	14	10	1
WB	Left	-	-	9	-
	Thru	-	-	8	2
	Right	-	-	8	-
Intersection Total		6	36	1	1

Delay Results for AM Peak Hour					
Existing Conditions Delay (Sec)					
Study Intersection No.		48	51	52	56
Approach	Movement	SW 1st Ave @ SW Arthur St	SW Water St @ SW Kelly St	SW Barbur Blvd @ SW Hooker St	SW Kelly St/SW Corbett Ave @ SW Porter St/SW Hood Ave
NB	Left	46	-	13	-
	Thru	31	15	18	16
	Right	25	8	19	25
SB	Left	43	37	45	13
	Thru	27	3	9	1
	Right	6	-	3	1
EB	Left	59	-	10	-
	Thru	6	-	8	6
	Right	3	-	8	-
WB	Left	-	44	17	-
	Thru	32	-	0	-
	Right	35	31	9	-
Intersection Total		23	16	17	19

Delay Results for AM Peak Hour					
Existing Conditions Delay (Sec)					
Study Intersection No.		58	59	61	62
Approach	Movement	SW Barbur Blvd @ SW Woods St	SW Water Ave @ Ross Island Bridge	SW Naito Pkwy @ Ross Island Bridge	Kelly Ramps @ Ross Island Bridge
NB	Left	0	-	-	-
	Thru	7	-	-	-
	Right	9	-	20	44
SB	Left	19			
	Thru	3			
	Right	6	14		
EB	Left	18	-	-	-
	Thru	8	-	-	-
	Right	0	-	1	-
WB	Left	15			
	Thru	16	10		
	Right	9	8		
Intersection Total		7	10	10	44

Delay Results for AM Peak Hour					
Existing Conditions Delay (Sec)					
Study Intersection No.		70	77	78	80
Approach	Movement	SW Kelly Ave @ SW Gibbs St	SW Barbur Blvd @ SW Lane St	SW Barbur Blvd @ SW Abernathy St	SW Barbur Blvd @ SW Bancroft St
NB	Left	3	5	4	-
	Thru	2	0	-	-
	Right	0	-	-	2
SB	Left	5	-	-	-
	Thru	3	3	0	-
	Right	3	2	0	-
EB	Left	-	15	28	-
	Thru	8	8	11	-
	Right	-	-	-	-
WB	Left	-	-	-	-
	Thru	-	-	-	-
	Right	-	-	-	12
Intersection Total		3	2	2	11

Delay Results for AM Peak Hour					
Existing Conditions Delay (Sec)					
Study Intersection No.		81	82	83	87
Approach	Movement	SW Corbett Ave @ SW Bancroft St	SW Barbur Blvd @ SW Hamilton St	SW Hamilton Blvd @ SW Corbett Ave	SW Terwilliger Blvd @ SW Capitol Hwy
NB	Left	3	-	66	76
	Thru	2	75	65	73
	Right	2	166	63	64
SB	Left	1	73	13	74
	Thru	0	8	15	60
	Right	1	14	13	37
EB	Left	8	199	10	91
	Thru	6	357	9	35
	Right	8	484	16	36
WB	Left	9	79	34	88
	Thru	10	79	32	15
	Right	6	31	29	12
Intersection Total		3	66	37	41

Delay Results for AM Peak Hour		
Existing Conditions Delay (Sec)		
Study Intersection No.		89
Approach	Movement	I5NB Off @ Corbett
NB	Left	-
	Thru	20
	Right	-
SB	Left	-
	Thru	2
	Right	-
EB	Left	46
	Thru	19
	Right	-
WB	Left	-
	Thru	-
	Right	-
Intersection Total		15

Attachment I: 95th Percentile Queues

Existing Conditions 95th Percentile Queues (ft) - AM Peak Hour (7:45 - 8:45 AM)

Intersection #	Movement	Average Queue (ft)	Std Dev (ft)	Max Queue (ft)	95th Percentile Queue (ft)
12	SW 1st Ave @ SW Harrison St:NBL	66	55	365	171
12	SW 1st Ave @ SW Harrison St:NBR	35	27	204	83
12	SW 1st Ave @ SW Harrison St:EBT	69	41	261	142
12	SW 1st Ave @ SW Harrison St:WBT	63	32	281	117
13	SW Naito Pkwy @ SW Harrison St:NBL	97	57	331	221
13	SW Naito Pkwy @ SW Harrison St:NBT	176	102	511	376
13	SW Naito Pkwy @ SW Harrison St:SBT	125	80	410	272
13	SW Naito Pkwy @ SW Harrison St:EBL	83	62	344	215
13	SW Naito Pkwy @ SW Harrison St:EBT	59	51	395	156
13	SW Naito Pkwy @ SW Harrison St:EBR	28	26	155	77
13	SW Naito Pkwy @ SW Harrison St:WBL	27	29	290	82
13	SW Naito Pkwy @ SW Harrison St:WBT	39	33	181	103
19	SW 6th Ave @ SW Hall St:NBT	117	46	277	193
19	SW 6th Ave @ SW Hall St:EBT	10	15	68	44
19	SW 6th Ave @ SW Hall St:WBT	11	20	148	46
20	SW 5th Ave @ SW Hall St:SBT	81	69	644	183
20	SW 5th Ave @ SW Hall St:EBT	5	10	62	22
20	SW 5th Ave @ SW Hall St:WBT	40	36	189	104
21	SW 4th Ave @ SW Hall St:NBT	130	73	336	272
21	SW 4th Ave @ SW Hall St:EBT	2	8	75	21
22	SW Broadway @ SW College St:SBT	60	34	199	124
22	SW Broadway @ SW College St:EBT	0	0	0	0
22	SW Broadway @ SW College St:WBT	92	48	321	176
23	SW 6th Ave @ SW College St:NBT	118	46	308	196
23	SW 6th Ave @ SW College St:EBT	12	17	103	45
23	SW 6th Ave @ SW College St:WBT	26	24	131	68
24	SW 5th Ave @ SW College St:SBT	37	49	240	151
24	SW 5th Ave @ SW College St:EBT	11	16	125	44
24	SW 5th Ave @ SW College St:WBT	59	38	206	133
25	SW 4th Ave @ SW College St:NBT	82	60	427	204
25	SW 4th Ave @ SW College St:EBR	10	18	122	60
26	SW Broadway @ SW Jackson St:SBT	89	47	271	169
26	SW Broadway @ SW Jackson St:EBT	20	20	206	61
26	SW Broadway @ SW Jackson St:WBT	123	82	485	283
27	SW 6th Ave @ SW Jackson St:NBT	37	50	288	140
27	SW 6th Ave @ SW Jackson St:EBL	11	16	102	43
27	SW 6th Ave @ SW Jackson St:WBR	12	18	142	44
28	SW 6th Ave @ I-405/Hwy 26 On-Ramp:NBL	309	200	718	555
29	SW 5th Ave @ SW Jackson St:SBT	100	64	303	219
29	SW 5th Ave @ SW Jackson St:EBR	2	8	80	20
30	SW 5th Ave @ SW Lincoln St:SBT	9	23	236	61
30	SW 5th Ave @ SW Lincoln St:WBR	7	12	85	23
31	SW 4th Ave @ SW Lincoln St:NBT	193	120	639	388
31	SW 4th Ave @ SW Lincoln St:NBR	89	56	323	203
31	SW 4th Ave @ SW Lincoln St:EBL	6	13	84	23
31	SW 4th Ave @ SW Lincoln St:EBT	36	34	179	101
31	SW 4th Ave @ SW Lincoln St:WBT	48	40	288	131
33	SW 2nd Ave @ SW Lincoln St:NBT	4	9	59	20
33	SW 2nd Ave @ SW Lincoln St:SBT	12	13	78	38
33	SW 2nd Ave @ SW Lincoln St:EBL	3	8	52	21
33	SW 2nd Ave @ SW Lincoln St:EBT	53	43	255	130
33	SW 2nd Ave @ SW Lincoln St:WBL	10	15	192	23
33	SW 2nd Ave @ SW Lincoln St:WBT	61	55	287	170
34	SW 1st Ave @ SW Lincoln St:NBL	50	37	245	121
34	SW 1st Ave @ SW Lincoln St:NBT	46	32	180	108
34	SW 1st Ave @ SW Lincoln St:SBT	50	36	231	116
34	SW 1st Ave @ SW Lincoln St:EBL	19	19	129	48
34	SW 1st Ave @ SW Lincoln St:EBR	36	31	179	93
35	SW Naito Pkwy @ SW Lincoln St:NBT	349	1000	8592	670
35	SW Naito Pkwy @ SW Lincoln St:SBT	54	49	238	149

Existing Conditions 95th Percentile Queues (ft) - AM Peak Hour (7:45 - 8:45 AM)

Intersection #	Movement	Average Queue (ft)	Std Dev (ft)	Max Queue (ft)	95th Percentile Queue (ft)
36	SW 4th Ave @ SW Grant St:EBL	12	19	141	60
37	SW Broadway @ I-405 SB Off-Ramp/SW Lincoln St:NBR	68	48	359	148
37	SW Broadway @ I-405 SB Off-Ramp/SW Lincoln St:SBT	99	62	407	223
37	SW Broadway @ I-405 SB Off-Ramp/SW Lincoln St:EBT	322	125	844	540
38	SW Broadway @ SW Grant St/SW 6th Ave:NBT	110	70	404	273
38	SW Broadway @ SW Grant St/SW 6th Ave:EBL	158	90	463	325
38	SW Broadway @ SW Grant St/SW 6th Ave:EBT	188	108	461	322
38	SW Broadway @ SW Grant St/SW 6th Ave:WBR	178	16	231	213
39	SW Broadway @ SW 5th Ave:SBR	55	40	241	135
39	SW Broadway @ SW 5th Ave:EBT	29	36	278	86
39	SW Broadway @ SW 5th Ave:WBR	578	49	646	627
40	SW 4th Ave @ SW Caruthers St:NBT	26	32	270	77
40	SW 4th Ave @ SW Caruthers St:SBT	65	102	467	317
40	SW 4th Ave @ SW Caruthers St:EBL	7	13	78	23
40	SW 4th Ave @ SW Caruthers St:WBT	60	47	306	159
41	SW 5th Ave @ SW Caruthers St:SBT	106	78	426	282
41	SW 5th Ave @ SW Caruthers St:WBT	42	43	334	103
42	SW 4th Ave @ SW Caruthers St/SW Broadway:NBL	201	84	318	281
42	SW 4th Ave @ SW Caruthers St/SW Broadway:NBT	113	66	270	249
42	SW 4th Ave @ SW Caruthers St/SW Broadway:WBT	942	430	1479	1423
43	SW 5th Ave @ SW Sheridan St:SBL	188	63	339	282
43	SW 5th Ave @ SW Sheridan St:EBT	65	34	248	125
44	SW 6th Ave/SW Terwilliger Blvd @ SW Sheridan St:NBT	121	129	1224	383
44	SW 6th Ave/SW Terwilliger Blvd @ SW Sheridan St:SBL	21	28	246	66
44	SW 6th Ave/SW Terwilliger Blvd @ SW Sheridan St:SBT	92	77	309	239
44	SW 6th Ave/SW Terwilliger Blvd @ SW Sheridan St:EBT	0	0	0	0
45	SW 4th Ave/SW Barbur Blvd @ SW Sheridan St:NBL	457	352	1110	1072
45	SW 4th Ave/SW Barbur Blvd @ SW Sheridan St:NBT	287	224	1086	946
45	SW 4th Ave/SW Barbur Blvd @ SW Sheridan St:EBT	208	69	322	266
45	SW 4th Ave/SW Barbur Blvd @ SW Sheridan St:EBR	4	12	104	23
46	SW 1st Ave @ SW Sheridan St:SBL	3	8	85	18
46	SW 1st Ave @ SW Sheridan St:EBT	1	3	21	0
46	SW 1st Ave @ SW Sheridan St:WBT	26	17	110	61
48	SW 1st Ave @ SW Arthur St:NBL	25	29	276	70
48	SW 1st Ave @ SW Arthur St:NBT	85	62	367	213
48	SW 1st Ave @ SW Arthur St:SBL	46	35	172	109
48	SW 1st Ave @ SW Arthur St:SBT	35	31	185	96
48	SW 1st Ave @ SW Arthur St:SBR	10	20	143	57
48	SW 1st Ave @ SW Arthur St:EBL	37	38	380	109
48	SW 1st Ave @ SW Arthur St:EBT	126	117	611	372
48	SW 1st Ave @ SW Arthur St:WBT	988	1446	7327	4693
51	SW Water St @ SW Kelly St:SBT	30	39	355	93
51	SW Water St @ SW Kelly St:EBL	59	72	646	200
52	SW Barbur Blvd @ SW Hooker St:NBL	0	3	23	0
52	SW Barbur Blvd @ SW Hooker St:NBT	337	315	2021	975
52	SW Barbur Blvd @ SW Hooker St:SBL	14	31	348	62
52	SW Barbur Blvd @ SW Hooker St:SBT	80	93	545	277
52	SW Barbur Blvd @ SW Hooker St:EBT	4	8	59	20
52	SW Barbur Blvd @ SW Hooker St:WBT	16	15	138	42
56	SW Kelly St/SW Corbett Ave @ SW Porter St/SW Hood Ave	16	27	174	74
56	SW Kelly St/SW Corbett Ave @ SW Porter St/SW Hood Ave	10	12	78	21
58	SW Barbur Blvd @ SW Woods St:NBL	0	0	0	0
58	SW Barbur Blvd @ SW Woods St:SBL	1	5	67	0
58	SW Barbur Blvd @ SW Woods St:EBT	4	11	78	21
58	SW Barbur Blvd @ SW Woods St:WBT	23	19	143	60
59	SW Water Ave @ Ross Island Bridge:SBR	6	12	76	19
61	SW Naito Pkwy @ Ross Island Bridge:SBL	219	148	785	501
62	Kelly Ramps @ Ross Island Bridge:NBR	119	100	478	341
69	SW Naito Pkwy @ SW Gibbs St/Naito Ramps:WBR	3	9	79	20
70	SW Kelly Ave @ SW Gibbs St:NBT	18	41	392	64

Existing Conditions 95th Percentile Queues (ft) - AM Peak Hour (7:45 - 8:45 AM)

Intersection #	Movement	Average Queue (ft)	Std Dev (ft)	Max Queue (ft)	95th Percentile Queue (ft)
70	SW Kelly Ave @ SW Gibbs St:SBT	10	22	257	56
70	SW Kelly Ave @ SW Gibbs St:EBR	19	19	116	60
71	SW Barbur Blvd @ SW Whitaker St:SBL	0	0	0	0
71	SW Barbur Blvd @ SW Whitaker St:WBT	31	20	110	67
73	SW Kelly Ave @ SW Whitaker St:WBT	55	43	484	123
75	SW Barbur Blvd @ SW Pennoyer St:SBL	0	0	0	0
75	SW Barbur Blvd @ SW Pennoyer St:WBT	16	16	81	43
76	SW Barbur Blvd @ SW Condor Ave:NBL	0	0	0	0
76	SW Barbur Blvd @ SW Condor Ave:EBT	6	10	75	21
77	SW Barbur Blvd @ SW Lane St:NBL	16	35	499	74
77	SW Barbur Blvd @ SW Lane St:NBT	22	44	452	93
77	SW Barbur Blvd @ SW Lane St:SBL	15	29	218	70
77	SW Barbur Blvd @ SW Lane St:EBL	17	13	135	42
78	SW Barbur Blvd @ SW Abernathy St:NBL	2	23	522	0
78	SW Barbur Blvd @ SW Abernathy St:EBT	15	18	114	44
79	SW Barbur Blvd @ SW Lowell St:WBR	19	20	125	60
80	SW Barbur Blvd @ SW Bancroft St:WBR	44	27	217	88
81	SW Corbett Ave @ SW Bancroft St:NBT	14	24	255	69
81	SW Corbett Ave @ SW Bancroft St:SBT	2	11	80	19
81	SW Corbett Ave @ SW Bancroft St:EBT	10	12	81	22
81	SW Corbett Ave @ SW Bancroft St:WBT	18	15	90	59
82	SW Barbur Blvd @ SW Hamilton St:NBT	1003	598	3187	2069
82	SW Barbur Blvd @ SW Hamilton St:SBL	183	86	528	337
82	SW Barbur Blvd @ SW Hamilton St:SBT	127	80	525	288
82	SW Barbur Blvd @ SW Hamilton St:EBT	93	86	558	266
82	SW Barbur Blvd @ SW Hamilton St:WBT	253	139	521	484
82	SW Barbur Blvd @ SW Hamilton St:WBR	58	75	495	211
83	SW Hamilton Blvd @ SW Corbett Ave:NBT	604	517	1617	1578
83	SW Hamilton Blvd @ SW Corbett Ave:SBT	35	27	227	92
83	SW Hamilton Blvd @ SW Corbett Ave:EBT	103	106	662	289
83	SW Hamilton Blvd @ SW Corbett Ave:WBT	38	49	245	150
85	SW Barbur Blvd @ SW Capitol Hwy EB:NBT	0	0	0	0
85	SW Barbur Blvd @ SW Capitol Hwy EB:WBR	0	0	0	0
87	SW Terwilliger Blvd @ SW Capitol Hwy:NBT	238	104	732	416
87	SW Terwilliger Blvd @ SW Capitol Hwy:SBT	89	57	358	195
87	SW Terwilliger Blvd @ SW Capitol Hwy:EBL	207	181	1958	325
87	SW Terwilliger Blvd @ SW Capitol Hwy:EBT	957	657	2137	1982
87	SW Terwilliger Blvd @ SW Capitol Hwy:EBR	97	315	2128	355
87	SW Terwilliger Blvd @ SW Capitol Hwy:WBL	6	13	84	23
87	SW Terwilliger Blvd @ SW Capitol Hwy:WBT	119	60	317	229
91	Macadam Ave @ Curry St:NBT	253	149	888	527
91	Macadam Ave @ Curry St:EBL	61	39	187	128

Queue Results for AM**Peak Hour****Existing Conditions****95th Percentile****Queue**

Study Intersection No.		12	13	19	20
Approach	Movement	SW 1st Ave @ SW Harrison St	SW Naito Pkwy @ SW Harrison St	SW 6th Ave @ SW Hall St	SW 5th Ave @ SW Hall St
NB	Left	171	221	-	-
	Thru	-	376	193	-
	Right	83	-	-	-
SB	Left	-	-	-	-
	Thru	-	272	-	183
	Right	-	-	-	-
EB	Left	-	215	-	-
	Thru	142	156	44	22
	Right	-	77	-	-
WB	Left	-	82	-	-
	Thru	117	103	46	104
	Right	-	-	-	-

Queue Results for AM Peak Hour Existing Conditions 95th Percentile Queue					
Study Intersection No.		21	22	23	24
Approach	Movement	SW 4th Ave @ SW Hall St	SW Broadway @ SW College St	SW 6th Ave @ SW College St	SW 5th Ave @ SW College St
NB	Left	-	-	-	-
	Thru	272	-	196	-
	Right	-	-	-	-
SB	Left	-	-	-	-
	Thru	-	124	-	151
	Right	-	-	-	-
EB	Left	-	-	-	-
	Thru	21	0	45	44
	Right	-	-	-	-
WB	Left	-	-	-	-
	Thru	-	176	68	133
	Right	-	-	-	-

Queue Results for AM Peak Hour Existing Conditions 95th Percentile Queue					
Study Intersection No.		25	26	27	28
Approach	Movement	SW 4th Ave @ SW College St	SW Broadway @ SW Jackson St	SW 6th Ave @ SW Jackson St	SW 6th Ave @ I- 405/Hwy 26 On-Ramp
NB	Left	-	-	-	555
	Thru	204	-	140	-
	Right	-	-	-	-
SB	Left	-	-	-	-
	Thru	-	169	-	-
	Right	-	-	-	-
EB	Left	-	-	43	-
	Thru	-	61	-	-
	Right	60	-	-	-
WB	Left	-	-	-	-
	Thru	-	283	-	-
	Right	-	-	44	-

Queue Results for AM Peak Hour Existing Conditions 95th Percentile Queue					
Study Intersection No.		29	30	31	33
Approach	Movement	SW 5th Ave @ SW Jackson St	SW 5th Ave @ SW Lincoln St	SW 4th Ave @ SW Lincoln St	SW 2nd Ave @ SW Lincoln St
NB	Left	-	-	-	-
	Thru	-	-	388	20
	Right	-	-	203	-
SB	Left	-	-	-	-
	Thru	219	61	-	38
	Right	-	-	-	-
EB	Left	-	-	23	21
	Thru	-	-	101	130
	Right	20	-	-	-
WB	Left	-	-	-	23
	Thru	-	-	131	170
	Right	-	23	-	-

Queue Results for AM Peak Hour Existing Conditions 95th Percentile Queue					
Study Intersection No.		34	35	36	37
Approach	Movement	SW 1st Ave @ SW Lincoln St	SW Naito Pkwy @ SW Lincoln St	SW 4th Ave @ SW Grant St	SW Broadway @ I-405 SB Off-Ramp/SW Lincoln St
NB	Left	121	-	-	-
	Thru	108	670	-	-
	Right	-	-	-	148
SB	Left	-	-	-	-
	Thru	116	149	-	223
	Right	-	-	-	-
EB	Left	48	-	60	-
	Thru	-	-	-	540
	Right	93	-	-	-
WB	Left	-	-	-	-
	Thru	-	-	-	-
	Right	-	-	-	-

Queue Results for AM Peak Hour Existing Conditions 95th Percentile Queue					
Study Intersection No.		38	39	40	41
Approach	Movement	SW Broadway @ SW Grant St/SW 6th Ave	SW Broadway @ SW 5th Ave	SW 4th Ave @ SW Caruthers St	SW 5th Ave @ SW Caruthers St
NB	Left	-	-	-	-
	Thru	273	-	77	-
	Right	-	-	-	-
SB	Left	-	-	-	-
	Thru	-	-	317	282
	Right	-	135	-	-
EB	Left	325	-	23	-
	Thru	322	86	-	-
	Right	-	-	-	-
WB	Left	-	-	-	-
	Thru	-	-	159	103
	Right	213	627	-	-

Queue Results for AM Peak Hour Existing Conditions 95th Percentile Queue					
Study Intersection No.		42	43	44	45
Approach	Movement	SW 4th Ave @ SW Caruthers St/SW Broadway	SW 5th Ave @ SW Sheridan St	SW 6th Ave/SW Terwilliger Blvd @ SW Sheridan St	SW 4th Ave/SW Barbur Blvd @ SW Sheridan St
NB	Left	281	-	-	1072
	Thru	249	-	383	946
	Right	-	-	-	-
SB	Left		282	66	
	Thru			239	
	Right				
EB	Left	-	-	-	-
	Thru	-	125	0	266
	Right	-	-	-	23
WB	Left				
	Thru	1423			
	Right				

Queue Results for AM Peak Hour Existing Conditions 95th Percentile Queue					
Study Intersection No.		46	48	51	52
Approach	Movement	SW 1st Ave @ SW Sheridan St	SW 1st Ave @ SW Arthur St	SW Water St @ SW Kelly St	SW Barbur Blvd @ SW Hooker St
NB	Left	-	70	-	0
	Thru	-	213	-	975
	Right	-	-	-	-
SB	Left	18	109	-	62
	Thru	-	96	93	277
	Right	-	57	-	-
EB	Left	-	109	200	-
	Thru	0	372	-	20
	Right	-	-	-	-
WB	Left	-	-	-	-
	Thru	61	4693	-	42
	Right	-	-	-	-

Queue Results for AM Peak Hour Existing Conditions 95th Percentile Queue					
Study Intersection No.		56	58	59	61
Approach	Movement	SW Kelly St/SW Corbett Ave @ SW Porter St/SW Hood Ave	SW Barbur Blvd @ SW Woods St	SW Water Ave @ Ross Island Bridge	SW Naito Pkwy @ Ross Island Bridge
NB	Left	-	0	-	-
	Thru	-	-	-	-
	Right	-	-	-	-
SB	Left	74	0		501
	Thru				
	Right			19	
EB	Left	-	-	-	-
	Thru	-	21	-	-
	Right	21	-	-	-
WB	Left				
	Thru		60		
	Right				

Queue Results for AM Peak Hour					
Existing Conditions					
95th Percentile					
Queue					
Study Intersection No.		62	69	70	71
Approach	Movement	Kelly Ramps @ Ross Island Bridge	SW Naito Pkwy @ SW Gibbs St/Naito Ramps	SW Kelly Ave @ SW Gibbs St	SW Barbur Blvd @ SW Whitaker St
NB	Left	-	-	-	-
	Thru	-	-	64	-
	Right	341	-	-	-
SB	Left	-	-	-	0
	Thru	-	-	56	-
	Right	-	-	-	-
EB	Left	-	-	-	-
	Thru	-	-	-	-
	Right	-	-	60	-
WB	Left	-	-	-	-
	Thru	-	-	-	67
	Right	-	20	-	-

Queue Results for AM Peak Hour					
Existing Conditions					
95th Percentile					
Queue					
Study Intersection No.		73	75	76	77
Approach	Movement	SW Kelly Ave @ SW Whitaker St	SW Barbur Blvd @ SW Pennoyer St	SW Barbur Blvd @ SW Condor Ave	SW Barbur Blvd @ SW Lane St
NB	Left	-	-	0	74
	Thru	-	-	-	93
	Right	-	-	-	-
SB	Left	-	0	-	70
	Thru	-	-	-	-
	Right	-	-	-	-
EB	Left	-	-	-	42
	Thru	-	-	21	-
	Right	-	-	-	-
WB	Left	-	-	-	-
	Thru	123	43	-	-
	Right	-	-	-	-

Queue Results for AM Peak Hour Existing Conditions 95th Percentile Queue					
Study Intersection No.		78	79	80	81
Approach	Movement	SW Barbur Blvd @ SW Abernathy St	SW Barbur Blvd @ SW Lowell St	SW Barbur Blvd @ SW Bancroft St	SW Corbett Ave @ SW Bancroft St
NB	Left	0	-	-	-
	Thru	-	-	-	69
	Right	-	-	-	-
SB	Left	-	-	-	-
	Thru	-	-	-	19
	Right	-	-	-	-
EB	Left	-	-	-	-
	Thru	44	-	-	22
	Right	-	-	-	-
WB	Left	-	-	-	-
	Thru	-	-	-	59
	Right	-	60	88	-

Queue Results for AM Peak Hour Existing Conditions 95th Percentile Queue					
Study Intersection No.		82	83	85	87
Approach	Movement	SW Barbur Blvd @ SW Hamilton St	SW Hamilton Blvd @ SW Corbett Ave	SW Barbur Blvd @ SW Capitol Hwy EB	SW Terwilliger Blvd @ SW Capitol Hwy
NB	Left	-	-	-	-
	Thru	2069	1578	0	416
	Right	-	-	-	-
SB	Left	337	-	-	-
	Thru	288	92	-	195
	Right	-	-	-	-
EB	Left	-	-	-	325
	Thru	266	289	-	1982
	Right	-	-	-	355
WB	Left	-	-	-	23
	Thru	484	150	-	229
	Right	211	-	0	-

Queue Results for AM Peak Hour		
Existing Conditions 95th Percentile Queue		
Study Intersection No.		91
Approach	Movement	Macadam Ave @ Curry St
NB	Left	-
	Thru	527
	Right	-
SB	Left	-
	Thru	-
	Right	-
EB	Left	128
	Thru	-
	Right	-
WB	Left	-
	Thru	-
	Right	-

Attachment J: Travel Time Results

No-Build AM (7:00-8:00 AM)										
From	To	Distance (ft)	Travel Time (Sec)				Model Average Speed (mph)	Model 85th Percentile (mph)	Model Average Delay (min)	Throughput
			15-Run Average	Standard Deviation	Min	Max				
Capitol/Barbur	Harrison/Naito	10907	4:53	0:35	3:26	7:56	25	28	1:06	619
Capitol/Barbur	4th/Lincoln	10842	5:19	0:44	3:30	9:35	23	26	1:37	684
Capitol/Barbur	Broadway/Grant	10521	7:03	1:25	3:59	14:16	17	20	3:27	245
Harrison/Naito	Capitol/Barbur	10908	3:48	0:20	2:59	4:57	33	36	0:18	88
Broadway/Grant	Capitol/Barbur	10562	4:21	0:23	3:25	5:22	28	30	0:40	18
RI East to Broadway/Grant	Broadway/Grant	7113	7:56	3:14	2:25	21:12	10	16	5:31	1124
Broadway/Grant	RI East	8060	3:57	0:19	2:57	5:36	23	25	0:46	918

No-Build AM (8:00-9:00 AM)										
From	To	Distance (ft)	Travel Time (Sec)				Model Average Speed (mph)	Model 85th Percentile (mph)	Model Average Delay (min)	Throughput
			15-Run Average	Standard Deviation	Min	Max				
Capitol/Barbur	Harrison/Naito	10907	5:50	0:56	3:48	10:02	21	26	2:02	754
Capitol/Barbur	4th/Lincoln	10842	6:28	1:13	3:46	12:44	19	24	2:46	797
Capitol/Barbur	Broadway/Grant	10521	9:08	1:37	4:30	16:26	13	16	5:32	365
Harrison/Naito	Capitol/Barbur	10908	3:51	0:21	2:58	5:15	32	39	0:20	331
Broadway/Grant	Capitol/Barbur	10562	4:34	0:29	3:28	6:53	26	32	0:53	133
RI East to Broadway/Grant	Broadway/Grant	7113	8:52	3:08	2:40	19:49	9	14	6:28	1041
Broadway/Grant	RI East	8060	4:12	0:33	3:02	7:52	22	27	1:01	894

Vissim Travel Time Data by Simulation Run																
Vissim Throughput (7:00-8:00 AM)																
	Simulation Run #															Standard Deviation
Travel Time Segment	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1: Capitol/Barbur to Harrison/Naito	428	429	409	434	440	416	485	449	460	449	422	409	470	432	409	23
2: Capitol/Barbur to 4th/Lincoln	491	440	527	483	475	446	446	478	487	498	501	497	496	460	482	25
3: Capitol/Barbur to Broadway/Grant	174	173	187	161	175	160	193	179	151	162	172	174	178	187	154	14
4: Harrison/Naito to Capitol/Barbur	75	64	59	55	51	56	67	45	53	62	64	65	68	72	60	8
5: Broadway/Grant to Capitol/Barbur	6	14	19	10	15	14	10	12	24	13	7	12	10	12	6	5
6: RI East to Broadway/Grant	774	808	791	784	777	780	775	815	783	777	799	781	789	793	795	15
7: Broadway/Grant to RI East	652	648	638	615	653	631	634	644	673	665	656	662	641	644	605	19
Vissim Travel Time (7:00-8:00 AM)																
	Simulation Run #															Standard Deviation
Travel Time Segment	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1: Capitol/Barbur to Harrison/Naito	4:42	4:53	4:59	4:49	4:59	4:59	5:02	5:01	4:58	4:45	5:01	4:50	4:57	4:53	4:52	0:06
2: Capitol/Barbur to 4th/Lincoln	5:28	5:25	5:34	5:28	5:26	5:32	5:28	5:28	5:15	5:16	5:11	5:36	5:20	5:26	5:19	0:07
3: Capitol/Barbur to Broadway/Grant	7:25	7:17	6:43	7:00	7:07	7:15	7:23	7:02	7:06	6:53	6:45	7:04	7:18	7:09	6:07	0:20
4: Harrison/Naito to Capitol/Barbur	3:47	3:52	4:00	3:54	3:55	3:52	3:53	3:56	3:55	3:51	3:50	3:53	3:51	3:48	4:00	0:04
5: Broadway/Grant to Capitol/Barbur	4:25	4:20	4:17	4:40	4:16	4:23	4:07	4:35	4:24	4:16	4:15	4:34	4:21	4:17	4:25	0:09
6: RI East to Broadway/Grant	11:08	8:36	5:40	8:20	6:49	7:35	6:11	7:00	10:01	10:41	6:31	7:18	8:49	7:43	5:33	1:44
7: Broadway/Grant to RI East	3:54	3:55	3:58	3:58	3:58	3:55	3:58	3:51	4:03	3:56	3:56	3:55	3:54	3:57	3:56	0:03

Vissim Travel Time Data by Simulation Run																
Vissim Throughput (8:00-9:00 AM)																
	Simulation Run #															Standard Deviation
Travel Time Segment	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1: Capitol/Barbur to Harrison/Naito	560	565	533	545	523	528	529	544	545	516	561	544	531	516	545	15
2: Capitol/Barbur to 4th/Lincoln	579	569	565	571	630	559	554	562	596	544	518	579	543	551	614	24
3: Capitol/Barbur to Broadway/Grant	256	254	262	273	246	261	297	261	259	239	256	266	261	262	259	11
4: Harrison/Naito to Capitol/Barbur	235	226	247	260	231	235	234	250	239	224	232	236	249	220	245	11
5: Broadway/Grant to Capitol/Barbur	87	96	106	83	79	90	84	93	94	101	102	115	99	106	90	10
6: RI East to Broadway/Grant	750	751	722	720	724	761	737	755	773	722	766	752	739	761	734	28
7: Broadway/Grant to RI East	629	632	642	629	697	656	631	622	640	657	622	602	656	602	645	24
Vissim Travel Time (8:00-9:00 AM)																
	Simulation Run #															Standard Deviation
Travel Time Segment	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1: Capitol/Barbur to Harrison/Naito	5:09	5:55	5:40	5:07	6:12	7:43	6:12	5:58	5:17	5:44	5:53	6:18	5:57	5:17	5:27	0:39
2: Capitol/Barbur to 4th/Lincoln	5:44	6:23	7:36	5:55	6:20	6:59	6:44	6:44	6:48	6:23	7:43	6:20	6:48	6:02	6:04	0:34
3: Capitol/Barbur to Broadway/Grant	8:30	8:54	10:56	8:56	8:23	8:35	8:41	9:58	10:16	8:29	10:02	8:43	9:43	9:42	7:58	0:51
4: Harrison/Naito to Capitol/Barbur	3:52	3:52	3:52	3:50	3:50	3:51	3:54	3:54	3:53	3:54	3:58	3:54	3:58	3:46	3:56	0:03
5: Broadway/Grant to Capitol/Barbur	4:37	4:29	4:45	4:30	4:26	4:29	4:28	4:37	4:30	4:34	4:35	4:32	4:44	4:37	4:30	0:06
6: RI East to Broadway/Grant	11:12	11:08	6:07	11:39	8:56	6:54	9:14	6:40	9:32	10:07	5:58	6:12	12:15	8:17	6:46	2:12
7: Broadway/Grant to RI East	4:10	4:02	4:29	4:05	4:12	4:13	4:18	4:26	4:00	4:02	4:17	3:59	4:29	4:25	4:03	0:11

Vissim Travel Times (average over 15 simulations)									
Travel Time Segment	7:00 AM	7:15 AM	7:30 AM	7:45 AM	8:00 AM	8:15 AM	8:30AM	8:45 AM	7:45-8:45 AM
Capitol/Barbur to Harrison/Naito	4:32	4:41	4:52	5:18	5:37	5:48	6:12	5:43	5:25
Capitol/Barbur to 4th/Lincoln	5:01	5:07	5:18	5:42	5:55	6:27	6:52	6:38	5:51
Capitol/Barbur to Broadway/Grant	7:34	6:39	6:44	7:14	8:14	9:03	9:39	9:22	7:56
Harrison/Naito to Capitol/Barbur	3:47	3:49	3:47	3:48	3:46	3:50	3:53	3:52	3:48
Broadway/Grant to Capitol/Barbur	4:23	4:24	4:19	4:21	4:34	4:37	4:35	4:27	4:34
RI East to Broadway/Grant	9:39	6:56	7:12	7:42	8:11	9:00	8:36	9:35	8:01
Broadway/Grant to RI East	3:51	3:51	3:59	4:04	4:10	4:26	4:06	4:04	4:09