APPENDIX F ///
FUTURE VOLUME
POST-POST PROCESSING WORKSHEET

Project #:	17342
Project Name:	Medford TSP/UGB Amendment
City, State:	Medford, Oregon
Scenario:	Year 2038 Forecast Traffic Conditions, Weekday PM Peak Hour
Date:	1/5/2016
Filename/Path	
Prepared By:	JWB

Existing Count Year:	2009
Base Model Year	2006
Future Model Year	2038

This sheet details the NCHRP 255 Report methodology.

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Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Difference (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Average of Ratio & Difference Selected 255 (From Ex. Method	Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
RIVERSIDE/ 4TH	South	In	31	1151	465	1647	1617	1951	0.65%	1648	100%	1949	1950	1950	1950	118%	Okay	Okay	Okay	1950
		Out	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
	West	In	123	269	1	393	200	208	0.13%	201	51%	407	400	404	404	103%	Okay	Okay	Okay	404
		Out	31	504	1	536	461	562	0.68%	470	88%	640	628	634	634	118%	Okay	Okay	Okay	634
	North	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
		Out	123	1151	9	1283	975	1377	1.29%	1013	79%	1745	1647	1696	1696	132%	Okay	Okay	Okay	1696
	East	In	1	504	9	514	446	548	0.71%	456	89%	618	606	612	612	119%	Okay	Okay	Okay	612
		Out	1	269	465	735	828	859	0.12%	831	113%	760	763	761	761	104%	Okay	Okay	Okay	761
						5114	4533	5511	0.67%	4625	90%	6094	6000	6047	6047	118%	Okay	Okay	Okay	6063

6 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Future Adjusted Link Volume	Initial 255 Volume
RIVERSIDE/ 4TH	South	In	26	1525	492	1617	1951	1950	2042
		Out	1	1	1	3	3	3	3
	West	In	154	268	1	200	208	404	423
		Out	26	607	1	461	562	634	634
	North	In	1	1	1	3	3	3	3
		Out	154	1525	17	975	1377	1696	1696
	East	In	1	607	17	446	548	612	626
		Out	1	268	492	828	859	761	761
						4533	5511	6063	6189

Manual Overrides and Checks

Existing

	1	1	1
Approach Volume Warrant	RIVERSIDE/4TH		0
123	X:00 to X:00 p.m.		9
269	Peak Hr	phf	504
1	yyyy mm dd		1
Volume	31 1151 465		0

Future Iterative

	1	1	1
Approach Volume Warrant	RIVERSIDE/4TH		0
154	X:00 to X:00 p.m.		17
268	Peak Hr	phf	607
1	yyyy mm dd		1
Volume	26 1525 492		0

Net Change: 537
Cum. Growth: 121.0%
Annual Growth: 1.01%

Future Applied Volumes

	0	0	0
Approach Volume Warrant	RIVERSIDE/4TH		0
154	X:00 to X:00 p.m.		17
268	Peak Hr	phf	607
0	yyyy mm dd		0
Volume	26 1525 492		0

Net Change: 607
Cum. Growth: 123.7%
Annual Growth: 1.01%

13

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Difference (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Average of Ratio & Difference Selected 255 (From Ex. Method	Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
CENTRAL/ 4TH	South	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
		Out	207	808	31	1046	570	809	1.31%	592	57%	1428	1263	1346	1346	129%	Okay	Okay	Okay	1346
	West	In	1	270	31	302	181	185	0.07%	181	60%	308	306	307	307	102%	Okay	Okay	Okay	307
		Out	1	264	143	408	415	454	0.29%	419	103%	442	443	443	443	109%	Okay	Okay	Okay	443
	North	In	13	808	143	964	516	698	1.10%	533	55%	1262	1129	1196	1196	124%	Okay	Okay	Okay	1196
		Out	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
	East	In	207	264	1	472	464	559	0.64%	473	100%	558	558	558	558	118%	Okay	Okay	Okay	558
		Out	13	270	1	284	176	180	0.07%	176	62%	290	288	289	289	102%	Okay	Okay	Okay	289
						3482	2328	2891	0.76%	2381	68%	4228	3992	4110	4110	118%	Okay	Okay	Okay	4144

13 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Future Adjusted Link Volume	Initial 255 Volume
CENTRAL/ 4TH	South	In	1	1	1	3	3	3	3
		Out	272	1038	35	570	809	1346	1346
	West	In	1	273	35	181	185	307	309
		Out	1	289	153	415	454	443	443
	North	In	15	1038	153	516	698	1196	1206
		Out	1	1	1	3	3	3	3
	East	In	272	289	1	464	559	558	563
		Out	15	273	1	176	180	289	289
						2328	2891	4144	4160

Existing

	143	808	13
Approach Volume Warrant	CENTRAL/4TH		0
1	X:00 to X:00 p.m.		1
270	Peak Hr	phf	264
31	yyyy mm dd		207
Volume	1 1 1		0

Future Iterative

	153	1038	15
Approach Volume Warrant	CENTRAL/4TH		0
1	X:00 to X:00 p.m.		1
273	Peak Hr	phf	289
35	yyyy mm dd		272
Volume	1 1 1		0

Net Change: 339
Cum. Growth: 119.5%
Annual Growth: 1.01%

Future Applied Volumes

	153	1038	15
Approach Volume Warrant	CENTRAL/4TH		0
0	X:00 to X:00 p.m.		0
273	Peak Hr	phf	289
35	yyyy mm dd		272
Volume	0 0 0		0

Net Change: 334
Cum. Growth: 119.2%
Annual Growth: 1.01%

21

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Difference (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Average of Ratio & Difference Selected 255 (From Ex. Method	Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
RIVERSIDE/ 10TH	South	In	83	1187	62	1332	1174	1565	1.04%	1211	91%	1722	1686	1704	1704	128%	Okay	Okay	Okay	1704
		Out	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
	West	In	212	148	1	361	280	250	-0.33%	277	77%	326	334	330	330	91%	Okay	Okay	Okay	330
		Out	83	212	1	296	473	516	0.28%	477	161%	320	335	328	328	111%	Okay	Okay	Okay	328
	North	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
		Out	212	1187	96	1495	1257	1678	1.05%	1296	87%	1935	1877	1906	1906	127%	Okay	Okay	Okay	1906
	East	In	1	212	96	309	475	549	0.49%	482	156%	352	376	364	364	118%	Okay	Okay	Okay	364
		Out	1	148	62	211	199	170	-0.46%	196	93%	183	185	184	184	87%	Okay	Okay	Okay	184
						4010	3864	4734	0.70%	3946	98%	4811	4798	4805	4805	120%	Okay	Okay	Okay	4821

21 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Future Adjusted Link Volume	Initial 255 Volume
RIVERSIDE/ 10TH	South	In	90	1563	65	1174	1565	1704	1718
		Out	1	1	1	3	3	3	3
	West	In	213	118	1	280	250	330	332
		Out	90	236	1	473	516	328	328
	North	In	1	1	1	3	3	3	3
		Out	213	1563	130	1257	1678	1906	1906
	East	In	1	236	130	475	549	364	367
		Out	1	118	65	199	170	184	184
						3864	4734	4821	4840

Existing

	1	1	1
Approach Volume Warrant	RIVERSIDE/10TH		0
212	X:00 to X:00 p.m.		96
148	Peak Hr	phf	212
1	yyyy mm dd		1
Volume	83 1187 62		0

Future Iterative

	1	1	1
Approach Volume Warrant	RIVERSIDE/10TH		0
213	X:00 to X:00 p.m.		130
118	Peak Hr	phf	236
1	yyyy mm dd		1
Volume	90 1563 65		0

Net Change: 415
Cum. Growth: 120.7%
Annual Growth: 1.01%

Future Applied Volumes

	1	1	1
Approach Volume Warrant	RIVERSIDE/10TH		0
213	X:00 to X:00 p.m.		130
118	Peak Hr	phf	236
0	yyyy mm dd		0
Volume	90 1563 65		0

Net Change: 410
Cum. Growth: 120.5%
Annual Growth: 1.01%

41

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Difference (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Average of Ratio & Difference Selected 255 (From Ex. Method	Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
COLUMBUS/ W MAIN	South	In	122	329	7	458	507	681	1.07%	523	114%	596	616	606	606	132%	Okay	Okay	Okay	606
		Out	86	452	108	646	828	972	0.54%	842	130%	746	777	761	761	118%	Okay	Okay	Okay	761
	West	In	131	208	108	447	307	454	1.50%	321	72%	633	580	606	606	136%	Okay	Okay	Okay	606
		Out	122	331	126	579	386	520	1.08%	399	69%	755	700	728	728	126%	Okay	Okay	Okay	728
	North	In	40	452	126	618	806	903	0.38%	815	132%	685	706	695	695	113%	Okay	Okay	Okay	695
		Out	131	329	64	524	598	711	0.59%	609	116%	612	626	619	619	118%	Okay	Okay	Okay	619
	East	In	86	331	64	481	469	515	0.31%	473	98%	523	523	523	523	109%	Okay	Okay	Okay	523
		Out	40	208	7	255	278	351	0.82%	285	112%	314	321	318	318	125%	Okay	Okay	Okay	318
						4008	4179	5107	0.69%	4266	106%	4798	4849	4824	4824	120%	Okay	Okay	Okay	4857

41 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Future Adjusted Link Volume	Initial 255 Volume
COLUMBUS/ W MAIN	South	In	197	399	9	507	681	606	605
		Out	90	504	168	828	972	761	761
	West	In	166	272	168	307	454	606	605
		Out	197	377	153	386	520	728	728
	North	In	37	504	153	806	903	695	694
		Out	166	399	55	598	711	619	619
	East	In	90	377	55	469	515	523	522
		Out	37	272	9	278	351	318	318
						4179	5107	4857	4852

Existing

	126	452	40
Approach Volume Warrant	COLUMBUS/W MAIN		0
131	X:00 to X:00 p.m.		64
208	Peak Hr	phf	331
108	yyyy mm dd		86
Volume	122 329 7		0

Future Iterative

	153	504	37
Approach Volume Warrant	COLUMBUS/W MAIN		0
166	X:00 to X:00 p.m.		55
272	Peak Hr	phf	377
168	yyyy mm dd		90
Volume	197 399 9		0

Net Change: 422
Cum. Growth: 121.1%
Annual Growth: 1.01%

Future Applied Volumes

	153	504	50
Approach Volume Warrant	COLUMBUS/W MAIN		0
166	X:00 to X:00 p.m.		55
272	Peak Hr	phf	377
168	yyyy mm dd		90
Volume	197 399 9		0

Net Change: 461
Cum. Growth: 123.0%
Annual Growth: 1.01%

43

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Difference (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Average of Ratio & Difference Selected 255 (From Ex. Method	Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
BIDDLE / 4TH/ JACKSON	South	In	99	259	202	560	293	389	1.02%	302	54%	721	647	684	684	122%	Okay	Okay	Okay	684
		Out	172	174	227	573	562	702	0.78%	575	100%	699	700	700	700	122%	Okay	Okay	Okay	700
						4346	4232	4808	0.43%	4286	99%	4875	4868	4872	4872	112%	Okay	Okay	Okay	4972

43 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Future Adjusted Link Volume	Initial 255 Volume
BIDDLE / 4TH/ JACKSON	South	In	2	379	285	828	859	660	665
		Out	135	430	5	446	548	571	571
	West	In	141	248	5	204	276	391	394
		Out	2	381	151	170	277	533	533
	North	In	167	430	151	791	880	742	748
		Out	141	379	173	938	877	692	692
	East	In	135	381	173	293	389	684	690
		Out	167	248	285	562	702	700	700
						4232	4808	4972	4992

Existing

	122	374	172
Approach Volume Warrant	BIDDLE / 4TH/JACKSON		0
133	X:00 to X:00 p.m.		202
174	Peak Hr	phf	259
3	yyyy mm dd		99
Volume	1 407 227		0

Future Iterative

	151	430	157
Approach Volume Warrant	BIDDLE / 4TH/JACKSON		0
141	X:00 to X:00 p.m.		173
248	Peak Hr	phf	381
5	yyyy mm dd		135
Volume	2 379 285		0

Net Change: 323
Cum. Growth: 114.9%
Annual Growth: 1.00%

Future Applied Volumes

	151	430	227
Approach Volume Warrant	BIDDLE / 4TH/JACKSON		0
141	X:00 to X:00 p.m.		202
248	Peak Hr	phf	381
5	yyyy mm dd		135
Volume	2 379 285		0

Net Change: 645
Cum. Growth: 129.7%
Annual Growth: 1.01%

44

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Difference (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Average of Ratio & Difference Selected 255 (From Ex. Method	Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
HAWTHORNE/ JACKSON	South	In	78	36	15	129	227	214	-0.18%	226	175%	122	117	120	120	93%	Okay	Okay	Okay	120
		Out	17	39	63	119	392	370	-0.18%	390	328%	113	99	106	106	89%	Okay	Okay	Okay	106
	West	In	41	415	63	519	562	702	0.78%	575	111%	633	646	640	640	123%	Okay	Okay	Okay	640
		Out	78	304	36	418	293	389	1.02%	302	72%	538	505	522	522	125%	Okay	Okay	Okay	522
	North	In	17	39	36	92	180	180	0.00%	180	196%	92	92	92	92	100%	Okay	Okay	Okay	92
		Out	41	36	20	97	102	102	0.00%	102	105%	97	97	97	97	100%	Okay	Okay	Okay	97
	East	In	17	304	20	341	257	335	0.95%	264	78%	432	412	422	422	124%	Okay	Okay	Okay	422
		Out	17	415	15	447	439	552	0.80%	450	101%	549	549	549	549	123%	Okay	Okay	Okay	549
						2162	2452	2844	0.50%	2489	115%	2471	2517	2494	2494	115%	Okay	Okay	Okay	2547

44 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Future Adjusted Link Volume	Initial 255 Volume
HAWTHORNE/ JACKSON	South	In	82	27	11	227	214	120	120
		Out	13	29	64	392	370	106	106
	West	In	51	522	64	562	702	640	637
		Out	82	393	47	293	389	522	522
	North	In	16	29	47	180	180	92	92
		Out	51	27	19	102	102	97	97
	East	In	13	393	19	257	335	422	424
		Out	16	522	11	439	552	549	549
						2452	2844	2547	2548

Existing

	36	39	17
Approach Volume Warrant	HAWTHORNE/JACKSON		0
41	X:00 to X:00 p.m.		20
415	Peak Hr	phf	304
63	yyyy mm dd		17
Volume	78 36 15		0

Future Iterative

	47	29	16
Approach Volume Warrant	HAWTHORNE/JACKSON		0
51	X:00 to X:00 p.m.		19
522	Peak Hr	phf	393
64	yyyy mm dd		13
Volume	82 27 11		0

Net Change: 193
Cum. Growth: 117.8%
Annual Growth: 1.01%

Future Applied Volumes

	47	29	16
Approach Volume Warrant	HAWTHORNE/JACKSON		0
51	X:00 to X:00 p.m.		19
522	Peak Hr	phf	393
64	yyyy mm dd		13
Volume	82 27 11		0

Net Change: 193
Cum. Growth: 117.8%
Annual Growth: 1.01%

45

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Difference (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Average of Ratio & Difference Selected 255 (From Ex. Method	Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
BIDDLE/ STEVENS	South	In	1	670	161	832	1073	975	-0.29%	1064	128%	763	743	753	753	90%	Okay	Okay	Okay	753
		Out	164	560	1	725	844	921	0.29%	851	117%	784	795	790	790	109%	Okay	Okay	Okay	790
	West	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
		Out	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
	North	In	194	560	1	755	925	999	0.25%	932	123%	809	822	816	816	108%	Okay	Okay	Okay	816
		Out	1	670	289	960	1155	1055	-0.27%	1146	119%	884	869	877	877	91%	Okay	Okay	Okay	877
	East	In	164	1	289	454	126	113	-0.32%	125	27%	411	442	427	442	97%	Okay	Okay	Okay	442
		Out	194	1	161	356	124	112	-0.30%	123	35%	324	345	335	335	94%	Okay	Okay	Okay	335
						4088	4253	4181	-0.05%	4246	104%	4025	4023	4024	4024	98%	Okay	Okay	Okay	4018

45 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Future Adjusted Link Volume	Initial 255 Volume
BIDDLE/ STEVENS	South	In	1	606	143	1073	975	753	749
		Out	169	620	1	844	921	790	790
	West	In	1	1	1	3	3	3	3
		Out	1	1	1	3	3	3	3
	North	In	191	620	1	925	999	816	812
		Out	1	606	270	1155	1055	877	877
	East	In	169	1	270	126	113	442	440
		Out	191	1	143	124	112	335	335
						4253	4181	4018	4008

Existing

	1	560	194
Approach Volume Warrant	BIDDLE/STEVENS		0
1	X:00 to X:00 p.m.		289
1	Peak Hr	phf	1
1	yyyy mm dd		164
Volume	1 670 161		0

Future Iterative

	1	620	191
Approach Volume Warrant	BIDDLE/STEVENS		0
1	X:00 to X:00 p.m.		270
1	Peak Hr	phf	1
1	yyyy mm dd		169
Volume	1 606 143		0

Net Change: -40
Cum. Growth: 98.0%
Annual Growth: 1.00%

Future Applied Volumes

	1	728	252
Approach Volume Warrant	BIDDLE/STEVENS		0
0	X:00 to X:00 p.m.		270
0	Peak Hr	phf	0
Volume	0 673 202		0

Net Change: 457
Cum. Growth: 122.3%
Annual Growth: 1.01%

48

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Selected 255 (From Ex. Future/Base) Future - Base)	Difference Future - Base)	Average of Ratio & Difference Method	Initial 255 Future Adjusted Link Volume	Growth Factor (Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
BIDDLE/ CRATER LAKE HWY RAMPS	South	In	1	744	191	936	773	967	0.78%	791	85%	1144	1112	1128	1128	121%	Okay	Okay	Okay	1128
		Out	263	565	1	829	683	1024	1.56%	715	86%	1187	1138	1163	1163	140%	Okay	Okay	Okay	1163
	West	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
		Out	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
	North	In	57	565	1	623	555	884	1.85%	586	94%	940	921	931	931	149%	Okay	Okay	Okay	931
		Out	1	744	137	882	641	908	1.30%	666	76%	1202	1124	1163	1163	132%	Okay	Okay	Okay	1163
	East	In	263	1	137	401	319	370	0.50%	324	81%	458	447	453	453	113%	Okay	Okay	Okay	453
		Out	57	1	191	249	323	289	-0.33%	320	128%	225	218	222	222	89%	Okay	Okay	Okay	222
						3926	3300	4448	1.09%	3408	87%	5125	4966	5046	5046	129%				5065

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Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Selected 255 (From Ex. Future/Base) Future - Base)	Difference Future - Base)	Average of Ratio & Difference Method	Initial 255 Future Adjusted Link Volume	Growth Factor (Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
CRATER LAKE AV/ MAIN	South	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
		Out	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
	West	In	234	317	1	552	553	909	2.01%	586	106%	856	875	865	865	157%	Okay	Okay	Okay	865
		Out	1	271	276	548	574	701	0.69%	586	107%	656	663	659	659	120%	Okay	Okay	Okay	659
	North	In	268	1	276	545	679	802	0.57%	691	127%	633	656	645	645	118%	Okay	Okay	Okay	645
		Out	234	1	266	501	550	836	1.63%	577	115%	726	760	743	743	148%	Okay	Okay	Okay	743
	East	In	1	271	266	538	207	279	1.09%	214	40%	702	603	653	653	121%	Okay	Okay	Okay	653
		Out	268	317	1	586	415	460	0.34%	419	72%	643	627	635	635	108%	Okay	Okay	Okay	635
						3276	2984	3993	1.06%	3079	94%	4249	4190	4220	4220	129%				4206

51

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Selected 255 (From Ex. Future/Base) Future - Base)	Difference Future - Base)	Average of Ratio & Difference Method	Initial 255 Future Adjusted Link Volume	Growth Factor (Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
CRATER LAKE AV/ JACKSON	South	In	52	410	18	480	504	798	1.82%	532	111%	721	746	734	734	153%	Okay	Okay	Okay	734
		Out	33	429	65	527	621	752	0.66%	633	120%	626	646	636	636	121%	Okay	Okay	Okay	636
	West	In	204	239	65	508	454	585	0.90%	466	92%	637	627	632	632	124%	Okay	Okay	Okay	632
		Out	52	187	93	332	224	320	1.34%	233	70%	456	419	437	437	132%	Okay	Okay	Okay	437
	North	In	114	429	93	636	637	833	0.96%	655	103%	808	814	811	811	128%	Okay	Okay	Okay	811
		Out	204	410	107	721	680	1055	1.72%	715	99%	1064	1061	1062	1062	147%	Okay	Okay	Okay	1062
	East	In	33	187	107	327	182	268	1.48%	190	58%	461	405	433	433	132%	Okay	Okay	Okay	433
		Out	114	239	18	371	251	356	1.31%	261	70%	506	466	486	486	131%	Okay	Okay	Okay	486
						3902	3553	4967	1.24%	3686	94%	5259	5183	5221	5221	134%				5231

52

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Selected 255 (From Ex. Future/Base) Future - Base)	Difference Future - Base)	Average of Ratio & Difference Method	Initial 255 Future Adjusted Link Volume	Growth Factor (Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
CRATER LAKE AV/ STEVENS	South	In	107	607	15	729	718	1091	1.62%	753	103%	1056	1067	1062	1062	146%	Okay	Okay	Okay	1062
		Out	31	690	79	800	652	841	0.91%	670	84%	1005	971	988	988	123%	Okay	Okay	Okay	988
	West	In	122	140	79	341	208	228	0.30%	210	62%	370	359	365	365	107%	Okay	Okay	Okay	365
		Out	107	138	99	344	141	138	-0.07%	141	41%	337	341	339	339	99%	Okay	Okay	Okay	339
	North	In	21	690	99	810	554	749	1.10%	572	71%	1060	987	1023	1023	126%	Okay	Okay	Okay	1023
		Out	122	607	8	737	667	1063	1.86%	704	96%	1113	1096	1104	1104	150%	Okay	Okay	Okay	1104
	East	In	31	138	8	177	119	96	-0.60%	117	66%	145	156	151	151	85%	Okay	Okay	Okay	151
		Out	21	140	15	176	139	122	-0.38%	137	78%	156	161	158	158	90%	Okay	Okay	Okay	158
						4114	3198	4328	1.10%	3304	80%	5389	5138	5264	5264	128%				5191

54

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Selected 255 (From Ex. Future/Base) Future - Base)	Difference Future - Base)	Average of Ratio & Difference Method	Initial 255 Future Adjusted Link Volume	Growth Factor (Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
CRATER LAKE AV/ SPRING	South	In	21	617	74	712	666	1082	1.95%	705	99%	1093	1089	1091	1091	153%	Okay	Okay	Okay	1091
		Out	63	598	23	684	526	734	1.24%	546	80%	920	873	896	896	131%	Okay	Okay	Okay	896
	West	In	26	65	23	114	60	54	-0.31%	59	52%	104	109	106	106	93%	Okay	Okay	Okay	106
		Out	21	34	13	68	52	57	0.30%	52	77%	74	73	73	73	108%	Okay	Okay	Okay	73
	North	In	89	598	13	700	716	1033	1.38%	746	107%	970	987	978	978	140%	Okay	Okay	Okay	978
		Out	26	617	57	700	798	1206	1.60%	836	119%	1010	1070	1040	1040	149%	Okay	Okay	Okay	1040
	East	In	63	34	57	154	196	348	2.42%	210	137%	255	292	273	273	177%	Okay	Okay	Okay	273
		Out	89	65	74	228	254	523	3.31%	279	122%	427	472	449	449	197%	Okay	Okay	Okay	449
						3360	3268	5037	1.69%	3434	102%	4929	4963	4946	4946	147%				4907

55

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Selected 255 (From Ex. Future/Base) Future - Base)	Difference Future - Base)	Average of Ratio & Difference Method	Initial 255 Future Adjusted Link Volume	Growth Factor (Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
CRATER LAKE AV/ MCANDREWS	South	In	268	600	82	950	771	1237	1.89%	815	86%	1442	1372	1407	1407	148%	Okay	Okay	Okay	1407
		Out	77	491	272	840	625	953	1.64%	656	78%	1221	1137	1179	1179	140%	Okay	Okay	Okay	1179
	West	In	328	590	272	1190	913	1507	2.03%	969	81%	1851	1728	1790	1790	150%	Okay	Okay	Okay	1790
		Out	268	332	197	797	614	1108	2.51%	660	83%	1337	1245	1291	1291	162%	Okay	Okay	Okay	1291
	North	In	91	491	197	779	601	887	1.49%	628	81%	1101	1038	1069	1069	137%	Okay	Okay	Okay	1069
		Out	328	600	53	981	780	1255	1.90%	825	84%	1493	1411	1452	1452	148%	Okay	Okay	Okay	1452
	East	In	77	332	53	462	309	604	2.98%	337	73%	829	729	779	779	169%	Okay	Okay	Okay	779
		Out	91	590	82	763	574	920	1.88%	606	79%	1158	1077	1117	1117	146%	Okay	Okay	Okay	1117
						6762	5187	8471	1.98%	5495	81%	10424	9738	10081	10081	149%				10085

60

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Selected 255 (From Ex. Future/Base) Future - Base)	Difference Future - Base)	Average of Ratio & Difference Method	Initial 255 Future Adjusted Link Volume	Growth Factor (Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
COURT/ MCANDREWS	South	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
		Out	193	623	40	856	597	444	-0.80%	583	68%	652	717	685	685	80%	Okay	Okay	Okay	685
	West	In	1	438	40	479	676	969	1.35%	703	147%	660	745	702	702	147%	Okay	Okay	Okay	702
		Out	1	508	63	572	1095	1322	0.65%	1116	195%	677	778	728	728	127%	Okay	Okay	Okay	728
	North	In	336	623	63	1022	1499	1686	0.39%	1517	148%	1136	1191	1164	1164	114%	Okay	Okay	Okay	1164
		Out	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
	East	In	193	508	1	702	491	552	0.39%	497	71%	780	757	769	769	110%	Okay	Okay	Okay	769
		Out	336	438	1	775	1004	1520	1.61%	1052	136%	1119	1243	1181	1181	152%	Okay	Okay	Okay	1181
						4412	5368	6499	0.66%	5474	124%	5238	5437	5338	5338	121%				5234

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Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Selected 255 (From Ex. Future/Base) Future - Base)	Difference Future - Base)	Average of Ratio & Difference Method	Initial 255 Future Adjusted Link Volume	Growth Factor (Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
BIDDLE/ MCANDREWS	South	In	320	595	114	1029	1333	1273	-0.14%	1327	129%	987	975	981	981	95%	Okay	Okay	Okay	981
		Out	102	358	150	610	895	1051	0.54%	910	149%	705	751	728	728	119%	Okay	Okay	Okay	728
	West	In	168	639	150	957	1140	1496	0.98%	1173	123%	1220	1280	1250	1250	131%	Okay	Okay	Okay	1250
		Out	320	633	189	1142	1397	1613	0.48%	1417	124%	1300	1338	1319	1319	115%	Okay	Okay	Okay	1319
	North	In	163	358	189	710	1030	1349	0.97%	1060	149%	904	999	951	951	134%	Okay	Okay	Okay	951
		Out	168	595	157	920	1050	1211	0.48%	1065	116%	1046	1066	1056	1056	115%	Okay	Okay	Okay	1056
	East	In	102	633	157	892	713	1180	2.05%	757	85%	1391	1315	1353	1353	152%	Okay	Okay	Okay	1353
		Out	163	639	114	916	873	1423	1.97%	925	101%	1410	1414	1412	1412	154%	Okay	Okay	Okay	1412
						7176	8431	10596	0.80%	8634	120%	8807	9138	8972	8972	125%				9050

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Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Selected 255 (From Ex. Future/Base) Future - Base)	Difference Future - Base)	Average of Ratio & Difference Method	Initial 255 Future Adjusted Link Volume	Growth Factor (Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
DWY / ROYAL/ MCANDREWS	South	In	303	9	121	433	65	62	-0.14%	65	0%	415	430	423	430	99%	Okay	Okay	Okay	430
		Out	88	13	222	323	56	63	0.39%	57	0%	359	329	344	329	102%	Okay	Okay	Okay	329
	West	In	13	1071	222	1306	1041	1705	1.99%	1103	84%	2018	1908	1963	1963	150%	Okay	Okay	Okay	1963
		Out	303	939	30	1272	861	1372	1.85%	909	71%	1920	1735	1828	1828	144%	Okay	Okay	Okay	1828
	North	In	30	13	30	73	73	73	0.00%	73	100%	73	73	73	73	100%	Okay	Okay	Okay	73
		Out	13	9	13	35	35	35	0.00%	35	100%	35	35	35	35	100%	Okay	Okay	Okay	35
	East	In	88	939	13	1040	805	1237	1.68%	846	81%	1522	1432	1477	1477	142%	Okay	Okay	Okay	1477
		Out	30	1071	121	1222	995	1599	1.90%	1052	86%	1858	1769	1814	1814	148%	Okay	Okay	Okay	1814
						5704	3931	6146	1.76%	4139	73%	8471	7711	8091	8091	142%				7949

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Adjusted Link Volume
BIDDLE/ CRATER LAKE HWY RAMPS	South	In	1	988	157	773	967	1128
		Out	284	878	1	683	1024	1163
	West	In	1	1	1	3	3	3
		Out	1	1	1	3	3	3
	North	In	64	878	1	555	884	931
		Out	1	988	174	641	908	1163
	East	In	284	1	174	319	370	453
		Out	64	1	157	323	289	222
						3300	4448	5065

50 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Adjusted Link Volume
CRATER LAKE AV/ MAIN	South	In	1	1	1	3	3	3
		Out	1	1	1	3	3	3
	West	In	428	386	1	553	909	865
		Out	1	300	359	574	701	659
	North	In	248	1	359	679	802	645
		Out	428	1	314	550	836	743
	East	In	1	300	314	207	279	653
		Out	248	386	1	415	460	635
						2984	3993	4206

51 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Adjusted Link Volume
CRATER LAKE AV/ JACKSON	South	In	72	639	26	504	798	734
		Out	39	527	70	621	752	636
	West	In	268	297	70	454	585	632
		Out	72	241	125	224	320	437
	North	In	163	527	125	637	833	811
		Out	268	639	155	680	1055	1062
	East	In	39	241	155	182	268	433
		Out	163	297	26	251	356	486
						3553	4967	5231

52 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Adjusted Link Volume
CRATER LAKE AV/ STEVENS	South	In	113	932	15	718	1091	1062
		Out	28	880	80	652	841	988
	West	In	163	121	80	208	228	365
		Out	113	113	114	141	138	339
	North	In	23	880	114	554	749	1023
		Out	163	932	9	667	1063	1104
	East	In	28	113	9	119	96	151
		Out	23	121	15	139	122	158
						3198	4328	5191

54 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Adjusted Link Volume
CRATER LAKE AV/ SPRING	South	In	19	904	172	666	1082	1091
		Out	115	767	15	526	734	896
	West	In	18	73	15	60	54	106
		Out	19	43	11	52	57	73
	North	In	204	767	11	716	1033	978
		Out	18	904	117	798	1206	1040
	East	In	115	43	117	196	348	273
		Out	204	73	172	254	523	449
						3268	5037	4907

55 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Adjusted Link Volume
CRATER LAKE AV/ MCANDREWS	South	In	423	867	116	771	1237	1407
		Out	119	654	406	625	953	1179
	West	In	501	880	406	913	1507	1790
		Out	121	654	293	614	1108	1291
	North	In	121	654	293	601	887	1069
		Out	501	867	84	780	1255	1452
	East	In	119	575	84	309	604	779
		Out	121	880	116	574	920	1117
						5187	8471	10085

60 Final Volumes

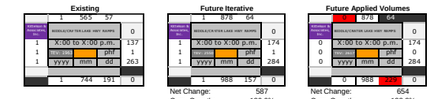
Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Adjusted Link Volume
COURT/ MCANDREWS	South	In	1	1	1	3	3	3
		Out	128	524	32	597	444	685
	West	In	1	657	32	676	969	702
		Out	1	628	99	1095	1322	728
	North	In	522	524	99	1499	1686	1164
		Out	1	1	1	3	3	3
	East	In	128	628	1	491	552	769
		Out	522	657	1	1004	1520	1181
						5368	6499	5234

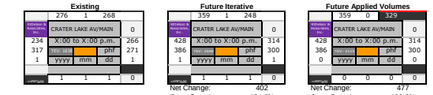
61 Final Volumes

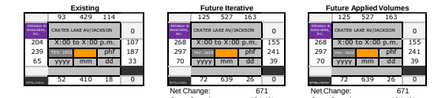
Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Adjusted Link Volume
BIDDLE/ MCANDREWS	South	In	234	585	157	1333	1273	981
		Out	164	430	134	895	1051	728
	West	In	176	935	134	1140	1496	1250
		Out	234	887	197	1397	1613	1319
	North	In	320	430	197	1030	1349	951
		Out	176	585	295	1050	1211	1056
	East	In	164	887	295	713	1180	1353
		Out	320	935	157	873	1423	1412
						8431	10596	9050

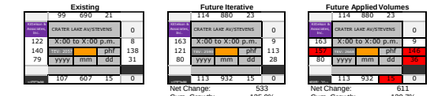
62 Final Volumes

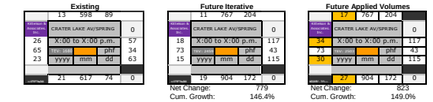
Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Adjusted Link Volume
DWY / ROYAL/ MCANDREWS	South	In	346	6	88	65	62	430
		Out	63	8	258	56	63	329
	West	In	18	1700	258	1041	1705	1963
		Out	346	1441	40	861	1372	1828
	North	In	26	8	40	73	73	73
		Out	18	6	11	35	35	35
	East	In	63	1441	11	805	1237	1477
		Out	26	1700	88	995	1599	1814
						3931	6146	7949

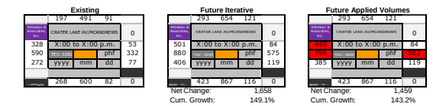


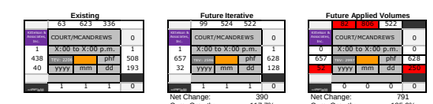


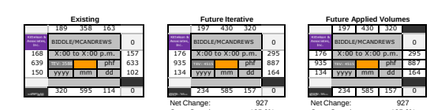


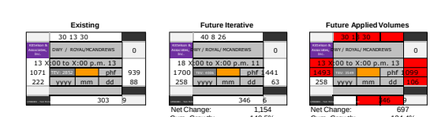












Annual Growth: 1.01% Annual Growth: 1.01%

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Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method Future/Base	Difference (Existing * Method Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume)	Growth Factor (From Ex. Count Year)	Removed Link Volume	New Link Test	Removed Link Test	Check Summary	Volume Override
POPLAR / TOWN CENTER/ MCANDREWS	South	In	49	44	38	131	343	343	0.00%	343	262%	131	131	131	131	100%		Okay	Okay	Okay	131
		Out	92	68	26	186	193	193	0.00%	193	104%	186	186	186	186	100%		Okay	Okay	Okay	186
	West	In	70	660	26	756	873	1423	1.97%	925	122%	1164	1254	1209	1209	160%		Okay	Okay	Okay	1209
		Out	49	692	91	832	713	1180	2.05%	757	91%	1297	1255	1276	1276	153%		Okay	Okay	Okay	1276
	North	In	273	68	91	432	193	338	2.35%	207	48%	707	563	635	635	147%		Okay	Okay	Okay	635
		Out	70	44	176	290	336	399	0.59%	342	118%	338	347	343	343	118%		Okay	Okay	Okay	343
	East	In	92	692	176	960	861	1372	1.85%	909	95%	1449	1423	1436	1436	150%		Okay	Okay	Okay	1436
		Out	273	660	38	971	1041	1705	1.99%	1103	114%	1501	1573	1537	1537	158%		Okay	Okay	Okay	1537
						4558	4553	6953	1.65%	4778	105%	6633	6733	6683	6683	147%		Okay	Okay	Okay	6753

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Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method Future/Base	Difference (Existing * Method Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume)	Growth Factor (From Ex. Count Year)	Removed Link Volume	New Link Test	Removed Link Test	Check Summary	Volume Override
COLUMBUS/ MCANDREWS	South	In	4	14	320	338	591	686	0.50%	600	177%	387	424	405	405	120%		Okay	Okay	Okay	405
		Out	397	17	2	416	805	911	0.41%	815	196%	465	512	489	489	117%		Okay	Okay	Okay	489
	West	In	1	198	2	201	278	359	0.91%	286	142%	253	274	264	264	131%		Okay	Okay	Okay	264
		Out	4	294	12	310	414	579	1.25%	429	139%	418	460	439	439	142%		Okay	Okay	Okay	439
	North	In	30	17	12	59	3	146	148.96%	16	28%	525	189	357	189	320%		Okay	Okay	Okay	189
		Out	1	14	6	21	3	11	8.33%	4	18%	62	28	45	28	135%		Okay	Okay	Okay	28
	East	In	397	294	6	697	1219	1344	0.32%	1231	177%	761	810	786	786	113%		Okay	Okay	Okay	786
		Out	30	198	320	548	869	1044	0.63%	885	162%	646	707	676	676	123%		Okay	Okay	Okay	676
						2590	4182	5080	0.67%	4266	165%	3084	3404	3244	3244	125%		Okay	Okay	Okay	3275

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Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method Future/Base	Difference (Existing * Method Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume)	Growth Factor (From Ex. Count Year)	Removed Link Volume	New Link Test	Removed Link Test	Check Summary	Volume Override
SAGE / SUMMIT/ MCANDREWS	South	In	2	145	52	199	93	81	-0.40%	92	46%	175	188	182	182	91%		Okay	Okay	Okay	182
		Out	52	159	5	216	50	42	-0.50%	49	23%	184	209	196	209	97%		Okay	Okay	Okay	209
	West	In	242	372	5	619	888	1065	0.62%	905	146%	729	779	754	754	122%		Okay	Okay	Okay	754
		Out	2	471	249	722	1230	1351	0.31%	1241	172%	786	832	809	809	112%		Okay	Okay	Okay	809
	North	In	125	159	249	533	391	321	-0.56%	384	72%	445	470	457	457	86%		Okay	Okay	Okay	457
		Out	242	145	146	533	503	416	-0.54%	495	93%	448	454	451	451	85%		Okay	Okay	Okay	451
	East	In	52	471	146	669	1057	1285	0.67%	1078	161%	797	876	836	836	125%		Okay	Okay	Okay	836
		Out	125	372	52	549	646	941	1.43%	674	123%	767	816	792	792	144%		Okay	Okay	Okay	792
						4040	4858	5502	0.41%	4918	122%	4519	4624	4572	4572	113%		Okay	Okay	Okay	4490

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Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method Future/Base	Difference (Existing * Method Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume)	Growth Factor (From Ex. Count Year)	Removed Link Volume	New Link Test	Removed Link Test	Check Summary	Volume Override
HWY 99 / RIV - COURT/ HWY 62 / HWY 238	South	In	55	829	584	1468	1493	1914	0.88%	1532	104%	1833	1850	1842	1842	125%		Okay	Okay	Okay	1842
		Out	325	568	50	943	1362	1686	0.74%	1392	148%	1142	1237	1189	1189	126%		Okay	Okay	Okay	1189
	West	In	10	460	50	520	312	552	2.40%	335	64%	858	738	798	798	153%		Okay	Okay	Okay	798
		Out	55	561	6	622	603	836	1.21%	625	100%	832	833	833	833	134%		Okay	Okay	Okay	833
	North	In	418	568	6	992	1248	1730	1.21%	1293	130%	1327	1429	1378	1378	139%		Okay	Okay	Okay	1378
		Out	10	829	424	1263	1674	2119	0.83%	1716	136%	1560	1666	1613	1613	128%		Okay	Okay	Okay	1613
	East	In	325	561	424	1310	1309	1870	1.34%	1362	104%	1799	1818	1809	1809	138%		Okay	Okay	Okay	1809
		Out	418	460	584	1462	722	1674	4.12%	811	55%	3017	2325	2671	2671	183%		Okay	Okay	Okay	2671
						8580	8723	12381	1.31%	9066	106%	11717	11895	11806	11806	138%		Okay	Okay	Okay	12132

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Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method Future/Base	Difference (Existing * Method Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume)	Growth Factor (From Ex. Count Year)	Removed Link Volume	New Link Test	Removed Link Test	Check Summary	Volume Override
N PACIFIC HWY/ W TABLE ROCK / N CENTRAL	South	In	13	798	535	1346	1674	2119	0.83%	1716	127%	1662	1749	1706	1706	127%		Okay	Okay	Okay	1706
		Out	439	610	1	1050	1248	1730	1.21%	1293	123%	1405	1487	1446	1446	138%		Okay	Okay	Okay	1446
	West	In	42	219	1	262	233	631	5.34%	270	103%	612	623	617	617	236%		Okay	Okay	Okay	617
		Out	13	323	60	400	126	497	9.20%	161	40%	1236	736	986	986	247%		Okay	Okay	Okay	986
	North	In	54	610	64	728	733	1224	2.09%	779	107%	1144	1173	1158	1158	159%		Okay	Okay	Okay	1158
		Out	42	798	30	870	1069	1526	1.34%	1112	128%	1194	1284	1239	1239	142%		Okay	Okay	Okay	1239
	East	In	439	323	30	792	637	821	0.90%	654	83%	994	959	976	976	123%		Okay	Okay	Okay	976
		Out	54	219	535	808	833	1042	0.78%	853	106%	987	997	992	992	123%		Okay	Okay	Okay	992
						6256	6553	9590	1.45%	6838	109%	8774	9008	8891	8891	142%		Okay	Okay	Okay	9121

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Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method Future/Base	Difference (Existing * Method Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume)	Growth Factor (From Ex. Count Year)	Removed Link Volume	New Link Test	Removed Link Test	Check Summary	Volume Override
CRATER LAKE HWY/ CARDINAL	South	In	185	833	1	1019	1460	1464	0.01%	1460	143%	1022	1023	1022	1022	100%		Okay	Okay	Okay	1022
		Out	1	987	177	1165	1205	1738	1.38%	1255	108%	1613	1648	1631	1631	140%		Okay	Okay	Okay	1631
	West	In	331	1	177	509	26	82	6.73%	31	6%	1336	560	948	560	110%		Okay	Okay	Okay	560
		Out	185	1	116	302	13	44	7.45%	16	5%	835	330	583	330	109%		Okay	Okay	Okay	330
	North	In	1	987	116	1104	1388	1746	0.81%	1422	129%	1356	1428	1392	1392	126%		Okay	Okay	Okay	1392
		Out	331	833	1	1165	1819	1509	-0.53%	1790	154%	982	884	933	933	80%		Okay	Okay	Okay	933
	East	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%		Okay	Okay	Okay	3
		Out	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%		Okay	Okay	Okay	3
						5270	5917	6589	0.35%	5980	113%	5807	5879	5843	5843	111%		Okay	Okay	Okay	5874

72

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method Future/Base	Difference (Existing * Method Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume)	Growth Factor (From Ex. Count Year)	Removed Link Volume	New Link Test	Removed Link Test	Check Summary	Volume Override
CRATER LAKE AV/ DELTA WATERS	South	In	218	308	104	630	452	1046	4.11%	508	81%	1298	1168	1233	1233	196%		Okay	Okay	Okay	1233
		Out	61	356	146	563	521	815	1.76%	549	97%	836	829	833	833	148%		Okay	Okay	Okay	833
	West	In	53	319	146	518	626	1044	2.09%	665	128%	813	897	855	855	165%		Okay	Okay	Okay	855
		Out	218	199	73	490	386	900	4.16%	434	89%	1016	956	986	986	201%		Okay	Okay	Okay	986
	North	In	125	356	73	554	419	312	-0.80%	409	74%	423	457	440	440	79%		Okay	Okay	Okay	440
		Out	53	308	59	420	362	414	0.45%	367	87%	474	467	471	471	112%		Okay	Okay	Okay	471
	East	In	61	199	59	319	410	357	-0.40%	405	127%	281	271	276	276	87%		Okay	Okay	Okay	276
		Out	125	319	104	548	638	631	-0.03%	637	116%	543	542	542	542	99%		Okay	Okay	Okay	542
						4042	3814	5519	1.40%	3974	98%	5614	5587	5600	5600	139%		Okay	Okay	Okay	5635

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Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method Future/Base	Difference (Existing * Method Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume)	Growth Factor (From Ex. Count Year)	Removed Link Volume	New Link Test	Removed Link Test	Check Summary	Volume Override
CRATER LAKE HWY/ DELTA WATERS	South	In	792	1083	206	2081	418	918	3.74%	465	22%	4109	2534	3322	2534	122%		Okay	Okay	Okay	2534
		Out	280	995	436	1711	638	1042	1.98%	676	40%	2638	2077	2357	2357	138%		Okay	Okay	Okay	2357
	West	In	86	246	436	768	2021	1836	-0.29%	2004	261%	704	600	652	652	85%		Okay	Okay	Okay	652
		Out	792	190	21	1003	1830	2145	0.54%	1860	185%	1157	1288	1223	1223	122%		Okay	Okay	Okay	1223
	North	In	144	995	21	1160	1059	1077	0.05%	1061	91%	1178	1176	1177	1177	101%		Okay	Okay	Okay	1177
		Out	86	1083	21	1190	679	674	-0.02%	679	57%	1182	1185	1184	1184	99%		Okay	Okay	Okay	1184
	East	In	280	190	21	491	887	1389	1.77%	934	190%	730	946	838	838	171%		Okay	Okay	Okay	838
		Out	144	246	206	596	1239	1358	0.30%	1250	210%	647	704	676	676	113%		Okay	Okay	Okay	676
						9000	8771	10439	0.59%	8927	99%	10524	10512	10518	10518	117%		Okay	Okay	Okay	10641

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Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method Future/Base	Difference (Existing * Method Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume)	Growth Factor (From Ex. Count Year)	Removed Link Volume	New Link Test	Removed Link Test	Check Summary	Volume Override
ER LAKE AV/ ODDHURST	South	In	4	820	37	861	735	1264	2.25%	785	91%	1387	1340	1364	1364	158%		Okay	Okay	Okay	1364
		Out	40	573	1	614	558	855	1.66%	586	95%	896	883	890	890	145%		Okay	Okay	Okay	890
	West	In	5	6	1	12	12	12	0.00%	12	100%	12	12	12	12	100%		Okay	Okay	Okay	12
		Out	4	12	5	21	21	21	0.00%	21	100%	21	21	21	21	100%		Okay	Okay	Okay	21
	North	In	2	573	5	580	525	837	1.86%	554	96%	876	863 869		869	150%		Okay	Okay	Okay	869

63 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
POPLAR / TOWN CENTER/ MCANDREWS	South	In	51	36	41	343	343	131	128
		Out	94	65	26	193	193	186	186
	West	In	86	1073	26	873	1423	1209	1185
		Out	51	1091	134	713	1180	1276	1276
	North	In	423	65	134	193	338	635	622
		Out	86	36	220	336	399	343	343
	East	In	94	1091	220	861	1372	1436	1406
		Out	423	1073	41	1041	1705	1537	1537
						4553	6953	6753	6683

64 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
COLUMBUS/ MCANDREWS	South	In	11	22	363	591	686	405	396
		Out	416	68	5	805	911	489	489
	West	In	2	251	5	278	359	264	257
		Out	11	371	58	414	579	439	439
	North	In	62	68	58	3	146	189	188
		Out	2	22	5	3	11	28	28
	East	In	416	371	5	1219	1344	786	791
		Out	62	251	363	869	1044	676	676
						4182	5080	3275	3264

65 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
SAGE / SUMMIT/ MCANDREWS	South	In	2	107	75	93	81	182	184
		Out	74	129	5	50	42	209	209
	West	In	190	570	5	888	1065	754	765
		Out	2	620	187	1230	1351	809	809
	North	In	147	129	187	391	321	457	463
		Out	190	107	154	503	416	451	451
	East	In	74	620	154	1057	1285	836	847
		Out	147	570	75	646	941	792	792
						4858	5502	4490	4520

66 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
HWY 99 / RIV - COURT/ HWY 62 / HWY 238	South	In	51	910	1032	1493	1914	1842	1993
		Out	489	650	50	1362	1686	1189	1189
	West	In	11	803	50	312	552	798	864
		Out	51	775	6	603	836	833	833
	North	In	835	650	6	1248	1730	1378	1492
		Out	11	910	693	1674	2119	1613	1613
	East	In	489	775	693	1309	1870	1809	1957
		Out	835	803	1032	722	1674	2671	2671
						8723	12381	12132	12612

69 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
N PACIFIC HWY/ W TABLE ROCK / N CENTRAL	South	In	120	1096	499	1674	2119	1706	1715
		Out	414	1022	10	1248	1730	1446	1446
	West	In	134	474	10	233	631	617	618
		Out	120	641	226	126	497	986	986
	North	In	19	1022	226	733	1224	1158	1267
		Out	134	1096	9	1069	1526	1239	1239
	East	In	414	641	9	637	821	976	1063
		Out	19	474	499	833	1042	992	992
						6553	9590	9121	9327

70 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
CRATER LAKE HWY/ CARDINAL	South	In	254	731	1	1460	1464	1022	987
		Out	2	1287	342	1205	1738	1631	1631
	West	In	202	1	342	26	82	560	545
		Out	254	1	75	13	44	330	330
	North	In	1	1287	75	1388	1746	1392	1362
		Out	202	731	1	1819	1509	933	933
	East	In	2	1	1	3	3	3	3
		Out	1	1	1	3	3	3	3
						5917	6589	5874	5794

72 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
CRATER LAKE AV/ DELTA WATERS	South	In	723	389	133	452	1046	1233	1245
		Out	61	333	439	521	815	833	833
	West	In	60	364	439	626	1044	855	863
		Out	723	196	67	386	900	986	986
	North	In	44	333	67	419	312	440	444
		Out	60	389	22	362	414	471	471
	East	In	61	196	22	410	357	276	279
		Out	44	364	133	638	631	542	542
						3814	5519	5635	5663

73 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
CRATER LAKE HWY/ DELTA WATERS	South	In	1052	1143	433	418	918	2534	2628
		Out	706	1146	506	638	1042	2357	2357
	West	In	27	153	506	2021	1836	652	687
		Out	1052	163	8	1830	2145	1223	1223
	North	In	89	1146	8	1059	1077	1177	1243
		Out	27	1143	14	679	674	1184	1184
	East	In	706	163	14	887	1389	838	883
		Out	89	153	433	1239	1358	676	676
						8771	10439	10641	10879

74 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
ER LAKE AV/ ODDHURST	South	In	4	1350	42	735	1264	1364	1396
		Out	41	847	1	558	855	890	890
	West	In	6	5	1	12	12	12	12
		Out	4	11	6	21	21	21	21
	North	In	3	847	6	525	837	869	857

Existing

		91	68	273
79	X:00 to X:00 p.m.			0
660				176
26				692
				92
		49	44	38

Future Iterative

		134	65	423
86	X:00 to X:00 p.m.			0
1073				220
26				1091
				94
		51	36	41

Net Change: 1,063
Cum. Growth: 146.6%
Annual Growth: 1.01%

Future Applied Volumes

		124	65	423
86	X:00 to X:00 p.m.			0
1073				220
26				1091
				94
		51	36	41

Net Change: 1,360
Cum. Growth: 159.7%
Annual Growth: 1.02%

Existing

		12	17	30
1	X:00 to X:00 p.m.			0
198				6
2				294
				397
		4	14	320

Future Iterative

		58	68	62
2	X:00 to X:00 p.m.			0
251				3
5				371
				416
		11	22	363

Net Change: 337
Cum. Growth: 126.0%
Annual Growth: 1.01%

Future Applied Volumes

		58	68	62
2	X:00 to X:00 p.m.			0
251				3
5				371
				416
		11	22	363

Net Change: 341
Cum. Growth: 126.3%
Annual Growth: 1.01%

Existing

		249	159	125
242	X:00 to X:00 p.m.			0
372				146
5				471
				52
		2	145	52

Future Iterative

		187	129	147
190	X:00 to X:00 p.m.			0
570				154
5				620
				74
		2	107	75

Net Change: 240
Cum. Growth: 111.9%
Annual Growth: 1.00%

Future Applied Volumes

		187	129	147
190	X:00 to X:00 p.m.			0
570				154
5				620
				74
		2	107	75

Net Change: 446
Cum. Growth: 122.1%
Annual Growth: 1.01%

Existing

		6	568	418
10	X:00 to X:00 p.m.			0
460				424
50				561
				325
		55	829	584

Future Iterative

		6	650	835
11	X:00 to X:00 p.m.			0
803				693
50				775
				489
		51	910	1032

Net Change: 1,536
Cum. Growth: 149.1%
Annual Growth: 1.01%

Future Applied Volumes

		6	650	835
11	X:00 to X:00 p.m.			0
803				693
50				775
				489
		51	910	1032

Net Change: 1,488
Cum. Growth: 147.6%
Annual Growth: 1.01%

Existing

		64	610	54
42	X:00 to X:00 p.m.			0
219				30
1				323
				439
		13	798	535

Future Iterative

		226	1022	19
134	X:00 to X:00 p.m.			0
474				9
10				641
				414
		120	1096	499

Net Change: 1,536
Cum. Growth: 149.1%
Annual Growth: 1.01%

Future Applied Volumes

		226	1022	19
134	X:00 to X:00 p.m.			0
474				9
10				641
				414
		120	1096	499

Net Change: 1,488
Cum. Growth: 147.6%
Annual Growth: 1.01%

Existing

		116	987	1
331	X:00 to X:00 p.m.			0
1				1
177				1
				1
		185	833	1

Future Iterative

		75	1287	1
202	X:00 to X:00 p.m.			1
1				1
342				2
				1
		254	731	1

Net Change: 262
Cum. Growth: 109.9%
Annual Growth: 1.00%

Future Applied Volumes

		116	987	1
0	X:00 to X:00 p.m.			0
0				0
0				0
				0
		0	833	0

Net Change: -275
Cum. Growth: 89.6%
Annual Growth: 1.00%

Existing

		67	333	44
53	X:00 to X:00 p.m.			0
319				59
146				199
				61
		218	308	104

Future Iterative

		67	333	44
60	X:00 to X:00 p.m.			0
364				22
439				196
				61
		723	389	133

Net Change: 810
Cum. Growth: 140.1%
Annual Growth: 1.01%

Future Applied Volumes

		67	333	44
60	X:00 to X:00 p.m.			0
364				22
439				196
				61
		723	389	133

Net Change: 584
Cum. Growth: 128.9%
Annual Growth: 1.01%

Existing

		21	995	144
86	X:00 to X:00 p.m.			0
246				21
436

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Selected 255 (From Ex. Future/Base) Future - Base)	Difference (Existing * Method (Ex. + Difference Selected 255 (From Ex. Future/Base) Future - Base)	Average of Ratio & Difference Method	Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
CRAT BR		Out	5	820	5	830	647	1185	2.60%	697	84%	1410	1318	1364	1364	164%	Okay	Okay	Okay	1364
	East	In				57	9	13	1.39%	9	16%	79	61	70	61	106%	Okay	Okay	Okay	61
		Out	2	6	37	45	10	16	1.88%	11	23%	68	50	59	50	112%	Okay	Okay	Okay	50
						3020	2517	4203	2.09%	2675	89%	4745	4548	4646	4646	154%	Okay	Okay	Okay	4631

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Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Difference (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Average of Ratio & Difference Method	Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
I-5 SB RAMPS/ CRATER LAKE HWY	South	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
		Out	1	1	222	224	510	581	0.44%	517	231%	252	288	270	270	121%	Okay	Okay	Okay	270
	West	In	1	1517	222	1740	1710	2351	1.17%	1770	102%	2311	2321	2316	2316	133%	Okay	Okay	Okay	2316
		Out	1	1321	189	1511	1549	1870	0.65%	1579	105%	1789	1802	1796	1796	119%	Okay	Okay	Okay	1796
	North	In	246	0	189	435	569	761	1.05%	587	135%	564	609	586	586	135%	Okay	Okay	Okay	586
		Out	1	1	396	398	699	816	0.52%	710	178%	457	504	481	481	121%	Okay	Okay	Okay	481
	East	In	1	1321	396	1718	2033	2958	1.42%	2120	123%	2397	2556	2477	2477	144%	Okay	Okay	Okay	2477
		Out	246	1517	1	1764	1554	2981	2.87%	1688	96%	3116	3057	3086	3086	175%	Okay	Okay	Okay	3086
						7793	8627	12321	1.34%	8973	115%	10700	11141	10921	10921	140%	Okay	Okay	Okay	11015

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Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Difference (Existing * Method (Ex. + Difference Selected 255 (From Ex. Future/Base) Future - Base)	Average of Ratio & Difference Method	Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
BULLOCK / POPLAR/ CRATER LAKE HWY	South	In	359	174	297	830	704	794	0.40%	712	86%	925	912	918	918	111%	Okay	Okay	Okay	918
		Out	376	121	182	679	409	611	1.54%	428	63%	969	862	916	916	135%	Okay	Okay	Okay	916
	West	In	113	1605	182	1900	1887	2653	1.27%	1959	103%	2573	2594	2584	2584	136%	Okay	Okay	Okay	2584
		Out	359	1332	53	1744	2058	2958	1.37%	2142	123%	2408	2560	2484	2484	142%	Okay	Okay	Okay	2484
	North	In	303	121	53	477	169	384	3.98%	189	40%	968	672	820	820	172%	Okay	Okay	Okay	820
		Out	113	174	77	364	119	317	5.20%	138	38%	839	543	691	691	190%	Okay	Okay	Okay	691
	East	In	376	1332	77	1785	1971	3084	1.76%	2075	116%	2653	2794	2723	2723	153%	Okay	Okay	Okay	2723
		Out	303	1605	297	2205	2144	3134	1.44%	2237	101%	3089	3102	3096	3096	140%	Okay	Okay	Okay	3096
						9984	9461	13935	1.48%	9880	99%	14081	14039	14060	14060	141%	Okay	Okay	Okay	14232

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Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Difference (Existing * Method (Ex. + Difference Selected 255 (From Ex. Future/Base) Future - Base)	Average of Ratio & Difference Method	Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
KINGJ / KINGS HWY/ STEWART	South	In	75	41	110	226	179	229	0.87%	184	81%	282	271	277	277	122%	Okay	Okay	Okay	277
		Out	221	79	71	371	264	320	0.66%	269	73%	441	422	431	431	116%	Okay	Okay	Okay	431
	West	In	21	484	71	576	294	453	1.69%	309	54%	845	720	782	782	136%	Okay	Okay	Okay	782
		Out	75	764	44	883	555	845	1.63%	582	66%	1282	1146	1214	1214	137%	Okay	Okay	Okay	1214
	North	In	19	79	44	142	146	200	1.16%	151	106%	188	191	189	189	133%	Okay	Okay	Okay	189
		Out	21	41	17	79	79	108	1.15%	82	103%	104	105	105	105	133%	Okay	Okay	Okay	105
	East	In	221	764	17	1002	646	900	1.23%	670	67%	1346	1232	1289	1289	129%	Okay	Okay	Okay	1289
		Out	19	484	110	613	367	507	1.19%	380	62%	818	740	779	779	127%	Okay	Okay	Okay	779
						3892	2530	3562	1.27%	2627	67%	5278	4827	5052	5052	130%	Okay	Okay	Okay	5066

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Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Difference (Existing * Method (Ex. + Difference Selected 255 (From Ex. Future/Base) Future - Base)	Average of Ratio & Difference Method	Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
MURPHY/ BARNETT	South	In	156	115	34	305	174	326	2.73%	188	62%	528	443	485	485	159%	Okay	Okay	Okay	485
		Out	24	91	84	199	192	309	1.90%	203	102%	303	305	304	304	153%	Okay	Okay	Okay	304
	West	In	75	397	84	556	510	1190	4.17%	574	103%	1153	1172	1163	1163	209%	Okay	Okay	Okay	1163
		Out	156	285	93	534	410	811	3.06%	448	84%	968	897	932	932	175%	Okay	Okay	Okay	932
	North	In	170	91	93	354	243	483	3.09%	266	75%	644	572	608	608	172%	Okay	Okay	Okay	608
		Out	75	115	96	286	208	366	2.37%	223	78%	470	429	449	449	157%	Okay	Okay	Okay	449
	East	In	24	285	96	405	292	710	4.47%	331	82%	868	784	826	826	204%	Okay	Okay	Okay	826
		Out	170	397	34	601	409	1223	6.22%	485	81%	1515	1339	1427	1427	237%	Okay	Okay	Okay	1427
						3240	2438	5418	3.82%	2717	84%	6460	5941	6200	6200	191%	Okay	Okay	Okay	6195

89

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Difference (Existing * Method (Ex. + Difference Selected 255 (From Ex. Future/Base) Future - Base)	Average of Ratio & Difference Method	Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
BLACK OAK/ BARNETT	South	In	131	128	35	294	184	254	0.58%	181	62%	244	263	254	254	86%	Okay	Okay	Okay	254
		Out	17	116	114	247	220	174	-0.65%	216	87%	199	205	202	202	82%	Okay	Okay	Okay	202
	West	In	104	408	114	626	1024	1543	1.58%	1073	171%	900	1096	998	998	159%	Okay	Okay	Okay	998
		Out	131	568	168	867	1048	1268	0.66%	1069	123%	1029	1066	1048	1048	121%	Okay	Okay	Okay	1048
	North	In	67	116	168	351	87	126	1.40%	91	26%	488	386	437	386	110%	Okay	Okay	Okay	386
		Out	104	128	103	335	94	116	0.73%	96	29%	405	355	380	355	106%	Okay	Okay	Okay	355
	East	In	17	568	103	688	894	1157	0.92%	919	134%	867	926	896	896	130%	Okay	Okay	Okay	896
		Out	67	408	35	510	826	1417	2.24%	881	173%	820	1046	933	933	183%	Okay	Okay	Okay	933
						3918	4377	5951	1.12%	4525	115%	5153	5344	5249	5249	134%	Okay	Okay	Okay	5072

91

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Difference (Existing * Method (Ex. + Difference Selected 255 (From Ex. Future/Base) Future - Base)	Average of Ratio & Difference Method	Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
ALBA/BARNETT	South	In	280	16	150	446	507	507	0.00%	507	114%	446	446	446	446	100%	Okay	Okay	Okay	446
		Out	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
	West	In	40	831	1	872	1236	1350	0.29%	1247	143%	944	975	960	960	110%	Okay	Okay	Okay	960
		Out	280	1252	1	1533	1674	991	-1.28%	1610	105%	944	914	929	929	61%	Okay	Okay	Okay	929
	North	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
		Out	40	16	41	97	97	97	0.00%	97	100%	97	97	97	97	100%	Okay	Okay	Okay	97
	East	In	1	1252	41	1294	1390	996	-0.89%	1353	105%	953	937	945	945	73%	Okay	Okay	Okay	945
		Out	1	831	150	982	1458	1353	-0.23%	1448	147%	917	887	902	902	92%	Okay	Okay	Okay	902
						5230	6368	5300	-0.52%	6268	120%	4422	4262	4342	4342	83%	Okay	Okay	Okay	4285

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Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Difference (Existing * Method (Ex. + Difference Selected 255 (From Ex. Future/Base) Future - Base)	Average of Ratio & Difference Method	Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
BLACK OAK/ SISKIYOU	South	In	100	332	25	457	105	116	0.33%	106	23%	500	467	483	467	102%	Okay	Okay	Okay	467
		Out	52	204	60	316	102	126	0.74%	104	33%	382	338	360	338	107%	Okay	Okay	Okay	338
	West	In	23	115	60	198	226	316	1.24%	234	118%	267	280	273	273	138%	Okay	Okay	Okay	273
		Out	100	212	12	324	230	277	0.64%	234	72%	383	367	375	375	116%	Okay	Okay	Okay	375
	North	In	34	204	12	250	251	301	0.62%	256	102%	294	295	295	295	118%	Okay	Okay	Okay	295
		Out	23	332	55	410	317	382	0.64%	323	79%	485	469	477	477	116%	Okay	Okay	Okay	477
	East	In	52	212	55	319	433	510	0.56%	440	138%	370	389	379	379	119%	Okay	Okay	Okay	379
		Out	34	115	25	174	365	448	0.71%	373	214%	209	249	229	229	132%	Okay	Okay	Okay	229
						2448	2029	2476	0.69%	2071	85%	2927	2853	2890	2890	118%	Okay	Okay	Okay	2833

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Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Difference Future/Base) Future - Base)	Difference (Existing * Method (Ex. + Difference Selected 255 (From Ex. Future/Base) Future - Base)	Average of Ratio & Difference Method	Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
SPRINGBROOK/ MCANDREWS	South	In	100	259	28	387	259	483	2.70%	280	72%	668	590	629	629	162%	Okay	Okay	Okay	629
		Out	30	209	122	361	219	344	1.78%	231	64%	538	474	506	506	140%	Okay	Okay	Okay	506
	West	In	173	432	122	727	562	899	1.87%	594	82%	1101	1032	1067	1067	147%	Okay	Okay	Okay	1067
		Out	100	233	80	413	302	602	3.10%	330	80%	753	685	719	719	174%	Okay	Okay	Okay	719
	North	In	61	209	80	350	318	496	1.75%	335	96%	519	511	515	515	147%	Okay	Okay	Okay	515
		Out	173	259	44	476	430	647	1.58%	450	95%	684	673	678	678	142%	Okay	Okay	Okay	678
	East	In	30	233	44	307	218	467	3.57%	241	79%	594	533	563	563	184%	Okay	Okay	Okay	563
		Out	61	432	28	521	401	752	2.74%	434	83%	903	839	871	871	167%	Okay	Okay	Okay	871
						3542	2709	4690	2.29%	2895	82%	5739	5337	5538	5538	156%	Okay	Okay	Okay	5548

Final Volumes

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Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
I-5 SB RAMPS/ CRATER LAKE HWY	South	In	0	0	3	3	3	3	3
		Out	19	0	251	510	581	270	270
	West	In	0	2434	251	1710	2351	2316	2684
		Out	0	1771	24	1549	1870	1796	1796
	North	In	650	0	24	569	761	586	674
		Out	0	0	481	699	816	481	481
	East	In	19	1771	481	2033	2958	2477	2271
		Out	650	2434	3	1554	2981	3086	3086
						8627	12321	11015	11266

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Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
BULLOCK / POPLAR/ CRATER LAKE HWY	South	In	344	272	321	704	794	918	937
		Out	530	183	203	409	611	916	916
	West	In	225	2209	203	1887	2653	2584	2637
		Out	344	2053	88	2058	2958	2484	2484
	North	In	566	183	88	169	384	820	837
		Out	225	272	194	119	317	691	691
	East	In	530	2053	194	1971	3084	2723	2776
		Out	566	2209	321	2144	3134	3096	3096
						9461	13935	14232	14373

80

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
KINGJ / KINGS HWY/ STEWART	South	In	109	51	115	179	229	277	275
		Out	232	97	102	264	320	431	431
	West	In	34	642	102	294	453	782	778
		Out	109	1035	70	555	845	1214	1214
	North	In	22	97	70	146	200	189	189
		Out	34	51	20	79	108	105	105
	East	In	232	1035	20	646	900	1289	1286
		Out	22	642	115	367	507	779	779
						2530	3562	5066	5057

88

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
MURPHY/ BARNETT	South	In	232	165	93	174	326	485	490
		Out	56	124	124	192	309	304	304
	West	In	95	956	124	510	1190	1163	1175
		Out	232	587	113	410	811	932	932
	North	In	377	124	113	243	483	608	614
		Out	95	165	190	208	366	449	449
	East	In	56	587	190	292	710	826	833
		Out	377	956	93	409	1223	1427	1427
						2438	5418	6195	6225

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Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
BLACK OAK/ BARNETT	South	In	109	101	44	184	150	254	254
		Out	15	88	99	220	174	202	202
	West	In	125	777	99	1024	1543	998	1001
		Out	109	752	187	1048	1268	1048	1048
	North	In	112	88	187	87	126	386	387
		Out	125	101	129	94	116	355	355
	East	In	15	752	129	894	1157	896	897
		Out	112	777	44	826	1417	933	933
						4377	5951	5072	5075

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Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
ALBA/BARNETT	South	In	196	18	152	507	507	446	366
		Out	1	1	1	3	3	3	3
	West	In	40	750	1	1236	1350	960	791
		Out	196	732	1	1674	991	929	929
	North	In	1	1	1	3	3	3	2
		Out	40	18	39	97	97	97	97
	East	In	1	732	39	1390	996	945	772
		Out	1	750	152	1458	1353	902	902
						6368	5300	4285	3862

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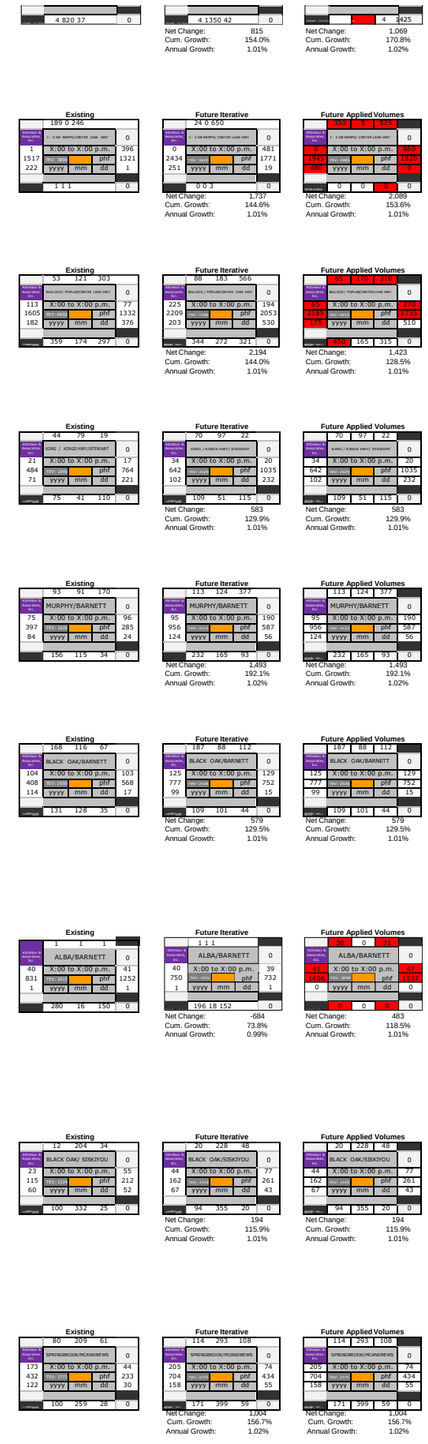
Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
BLACK OAK/ SISKIYOU	South	In	94	355	20	105	116	467	469
		Out	43	228	67	102	126	338	338
	West	In	44	162	67	226	316	273	274
		Out	94	261	20	230	277	375	375
	North	In	48	228	20	251	301	295	295
		Out	44	355	77	317	382	477	477
	East	In	43	261	77	433	510	379	381
		Out	48	162	20	365	448	229	229
						2029	2476	2833	2837

95

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
SPRINGBROOK/ MCANDREWS	South	In	171	399	59	259	483	629	629
		Out	55	293	158	219	344	506	506
	West	In	205	704	158	562	899	1067	1067
		Out	171	434	114	302	602	719	719
	North	In	108	293	114	318	496	515	515
		Out	205	399	74	430	647	678	678
	East	In	55	434	74	218	467	563	563
		Out	108	704	59	401	752	871	871
						2709	4690	5548	5549



97

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method Future/Base	Difference (Existing * Method Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
CRATER LAKE AV/ ROBERTS (E)	South	In	1	674	186	861	650	1225	2.76%	704	82%	1498	1382	1440	1440	167%	Okay	Okay	Okay	1440
		Out	142	550	1	693	527	865	2.00%	559	81%	1073	999	1036	1036	150%	Okay	Okay	Okay	1036
	West	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
		Out	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
	North	In	181	550	1	732	509	753	1.50%	532	73%	1036	953	995	995	136%	Okay	Okay	Okay	995
		Out	1	674	98	773	461	968	3.44%	509	66%	1471	1232	1352	1352	175%	Okay	Okay	Okay	1352
	East	In	142	1	98	241	192	220	0.46%	195	81%	272	266	269	269	112%	Okay	Okay	Okay	269
		Out	181	1	186	368	363	365	0.02%	363	99%	370	370	370	370	100%	Okay	Okay	Okay	370
						3674	2708	4402	1.95%	2867	78%	5641	5209	5425	5425	148%	Okay	Okay	Okay	5468

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Initial 255 Link Volume	Base Model Link Volume	Future Model Link Volume	Future Adjusted Link Volume
CRATER LAKE AV/ ROBERTS (E)	South	In	1	1249	217	650	1225	1440	1467
		Out	172	862	1	527	865	1036	1036
	West	In	1	1	1	3	3	3	3
		Out	1	1	1	3	3	3	3
	North	In	153	862	1	509	753	995	1016
		Out	1	1249	102	461	968	1352	1352
	East	In	172	1	102	192	220	269	275
		Out	153	1	217	363	365	370	370
						2708	4402	5468	5522

Existing

	1	550	181
1	CRATER LAKE AV/ROBERTS (E)		0
1	X:00 to X:00 p.m.		98
1	mm/dd	phf	1
1	yyyy mm dd		142
	1	674	186

Future Iterative

	1	862	153
1	CRATER LAKE AV/ROBERTS (E)		0
1	X:00 to X:00 p.m.		102
1	mm/dd	phf	1
1	yyyy mm dd		172
	1	1249	217

Net Change: 924
Cum. Growth: 150.3%
Annual Growth: 1.01%

Future Applied Volumes

	0	862	153
0	CRATER LAKE AV/ROBERTS (E)		0
0	X:00 to X:00 p.m.		102
0	mm/dd	phf	0
0	yyyy mm dd		172
	0	1249	217

Net Change: 1,219
Cum. Growth: 166.3%
Annual Growth: 1.02%

99

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method Future/Base	Difference (Existing * Method Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
POPLAR/ MORROW	South	In	62	303	41	406	336	399	0.59%	342	84%	474	463	468	468	115%	Okay	Okay	Okay	468
		Out	48	270	63	381	193	338	2.35%	207	54%	623	512	568	568	149%	Okay	Okay	Okay	568
	West	In	102	126	63	291	32	82	4.88%	37	13%	650	336	493	336	116%	Okay	Okay	Okay	336
		Out	62	111	71	244	16	30	2.73%	17	7%	423	257	340	257	105%	Okay	Okay	Okay	257
	North	In	51	270	71	392	219	373	2.20%	233	60%	626	532	579	579	148%	Okay	Okay	Okay	579
		Out	102	303	47	452	397	493	0.76%	406	90%	549	539	544	544	120%	Okay	Okay	Okay	544
	East	In	48	111	47	206	78	124	1.84%	82	40%	310	248	279	279	135%	Okay	Okay	Okay	279
		Out	51	126	41	218	89	148	2.07%	95	43%	341	271	306	306	141%	Okay	Okay	Okay	306
						2590	1360	1987	1.44%	1419	55%	3627	3158	3393	3393	131%	Okay	Okay	Okay	3338

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Initial 255 Link Volume	Base Model Link Volume	Future Model Link Volume	Future Adjusted Link Volume
POPLAR/ MORROW	South	In	53	361	58	336	399	468	472
		Out	80	418	70	193	338	568	568
	West	In	109	159	70	32	82	336	339
		Out	53	127	76	16	30	257	257
	North	In	89	418	76	219	373	579	583
		Out	109	361	74	397	493	544	544
	East	In	80	127	74	78	124	279	281
		Out	89	159	58	89	148	306	306
						1360	1987	3338	3350

Existing

	71	270	51
102	POPLAR/MORROW		0
126	X:00 to X:00 p.m.		47
63	mm/dd	phf	48
	yyyy mm dd		
	62	303	41

Future Iterative

	75	418	89
109	POPLAR/MORROW		0
159	X:00 to X:00 p.m.		74
70	mm/dd	phf	80
	yyyy mm dd		
	53	361	58

Net Change: 380
Cum. Growth: 129.3%
Annual Growth: 1.01%

Future Applied Volumes

	75	418	89
109	POPLAR/MORROW		0
159	X:00 to X:00 p.m.		74
70	mm/dd	phf	127
	yyyy mm dd		
	53	361	58

Net Change: 407
Cum. Growth: 131.4%
Annual Growth: 1.01%

100

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method Future/Base	Difference (Existing * Method Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
N PHOENIX/ BARNETT	South	In	93	248	5	346	346	999	5.90%	407	118%	849	938	893	893	258%	Okay	Okay	Okay	893
		Out	2	290	107	399	322	1070	7.26%	392	98%	1089	1077	1083	1083	271%	Okay	Okay	Okay	1083
	West	In	384	5	107	496	296	1215	9.70%	382	77%	1577	1329	1453	1453	293%	Okay	Okay	Okay	1453
		Out	93	3	84	180	187	697	8.52%	235	130%	534	642	588	588	327%	Okay	Okay	Okay	588
	North	In	3	290	84	377	355	799	3.91%	397	105%	759	779	769	769	204%	Okay	Okay	Okay	769
		Out	384	248	8	640	458	996	3.67%	508	79%	1254	1128	1191	1191	186%	Okay	Okay	Okay	1191
	East	In	2	3	8	13	44	549	35.87%	91	703%	78	471	274	274	2111%	Okay	Okay	Okay	274
		Out	3	5	5	13	73	800	31.12%	141	1086%	74	672	373	373	2867%	Okay	Okay	Okay	373
						2464	2081	7125	7.57%	2554	104%	6874	7035	6955	6955	282%	Okay	Okay	Okay	6624

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Initial 255 Link Volume	Base Model Link Volume	Future Model Link Volume	Future Adjusted Link Volume
N PHOENIX/ BARNETT	South	In	338	369	145	346	999	893	852
		Out	63	534	486	322	1070	1083	1083
	West	In	718	183	486	296	1215	1453	1386
		Out	338	95	155	187	697	588	588
	North	In	44	534	155	355	799	769	734
		Out	718	369	104	458	996	1191	1191
	East	In	63	95	104	44	549	274	262
		Out	44	183	145	73	800	373	373
						2081	7125	6624	6469

Existing

	84	290	3
384	N PHOENIX/ BARNETT		0
5	X:00 to X:00 p.m.		8
107	mm/dd	phf	3
	yyyy mm dd		2
	93	248	5

Future Iterative

	155	534	44
718	N PHOENIX/BARNETT		0
183	X:00 to X:00 p.m.		104
486	mm/dd	phf	95
	yyyy mm dd		63
	338	369	145

Net Change: 2,002
Cum. Growth: 262.5%
Annual Growth: 1.03%

Future Applied Volumes

	155	534	44
718	N PHOENIX/BARNETT		0
183	X:00 to X:00 p.m.		104
486	mm/dd	phf	95
	yyyy mm dd		63
	338	369	145

Net Change: 2,002
Cum. Growth: 262.5%
Annual Growth: 1.03%

101

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method Future/Base	Difference (Existing * Method Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
BIDDLE/ CRATER LAKE HWY RAMPS / HILTON	South	In	61	521	247	829	626	894	1.34%	651	79%	1138	1072	1105	1105	133%	Okay	Okay	Okay	1105
		Out	71	511	19	601	534	854	1.87%	564	94%	910	891	901	901	150%	Okay	Okay	Okay	901
	West	In	37	25	19	81	81	81	0.00%	81	100%	81	81	81	81	100%	Okay	Okay	Okay	81
		Out	61	10	18	89	89	89	0.00%	89	100%	89	89	89	89	100%	Okay	Okay	Okay	89
	North	In	205	511	18	734	755	1049	1.22%	783	107%	984	1000	992	992	135%	Okay	Okay	Okay	992
		Out	37	521	35	593	674	972	1.38%	702	118%	821	863	842	842	142%	Okay	Okay	Okay	842
	East	In	71	10	35	116	86	118	1.16%	89	77%	154	145	149	149	129%	Okay	Okay	Okay	149
		Out	205	25	247	477	260	236	-0.29%	258	54%	437	455	446	446	94%	Okay	Okay	Okay	446
						3520	3105	4293	1.20%	3216	91%	4698	4597	4647	4647	132%	Okay	Okay	Okay	4605

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Initial 255 Link Volume	Base Model Link Volume	Future Model Link Volume	Future Adjusted Link Volume
BIDDLE/ CRATER LAKE HWY RAMPS / HILTON	South	In	65	765	251	626	894	1105	1080
		Out	98	778	24	534	854	901	901
	West	In	38	18	24	81	81	81	79
		Out	65	8	16	89	89	89	89
	North	In	177	778	16	755	1049	992	972
		Out	38	765	40	674	972	842	842
	East	In	98	8	40	86	118	149	146
		Out	177	18	251	260	236	446	446
						3105	4293	4605	4555

Existing

	18	511	205
37	BIDDLE/CRATER LAKE HWY RAMPS / HILTON		0
25	X:00 to X:00 p.m.		35
19	mm/dd	phf	10
	yyyy mm dd		71
	61	521	247

Future Iterative

	16	778	177
38	BIDDLE/CRATER LAKE HWY RAMPS / HILTON		0
18	X:00 to X:00 p.m.		40
24	mm/dd	phf	8
	yyyy mm dd		98
	65	765	251

Net Change: 518
Cum. Growth: 129.4%
Annual Growth: 1.01%

Future Applied Volumes

	16	778	177
38	BIDDLE/CRATER LAKE HWY RAMPS / HILTON		0
18	X:00 to X:00 p.m.		40
24	mm/dd	phf	98
	yyyy mm dd		98
	65	765	251

Net Change: 599
Cum. Growth: 134.1%
Annual Growth: 1.01%

103

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method Future/Base	Difference (Existing * Method Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
SPRINGBROOK/ ROBERTS	South	In	253	346	5	604	224	575	4.90%	257	43%	1352	922	1137	1137	188%	Okay	Okay	Okay	1137
		Out	6	223	198	427	242	643	5.18%	280	65%	982	790	886	886	208%	Okay	Okay	Okay	886
	West	In	128	51	198	377	311	335	0.24%	313	83%	403	399	401	401	106%	Okay	Okay	Okay	401
		Out	253	20	123	396	136	193	1.31%	141	36%	541	448	494	494	125%	Okay	Okay	Okay	494
	North	In	11	223	123	357	214	666	6.60%	256	72%	927	767	847	847	237%	Okay	Okay	Okay	847
		Out	128	346	7	481	353	712	3.18%	387	80%	886	806	846	846	176%	Okay	Okay	Okay	846
	East	In	6	20	7	33	33	33	0.00%	33	100%	33	33	33	33	100%	Okay	Okay	Okay	33
		Out	11	51	5	67	67	67	0.00%	67	100%	67	67	67	67	100%	Okay	Okay	Okay	67
						2742	1580	3224	3.25%	1734	63%	5098	4232	4665	4665	170%	Okay	Okay	Okay	4711

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Initial 255 Link Volume	Base Model Link Volume	Future Model Link Volume	Future Adjusted Link Volume
SPRINGBROOK/ ROBERTS	South	In	333	734	10	224	575	1137	1077
		Out	10	638	239	242	643	886	886
	West	In	104	38	239	311	335	401	381
		Out	333	14	147	136	193	494	494
	North	In	19	638	147	214	666	847	804
		Out	104	734	8	353	712	846	846
	East	In	10	14	8	33	33	33	31
		Out	19	38	10	67	67	67	67
						1580	3224	4711	4587

Existing

	123	223	11
128	SPRINGBROOK/ROBERTS		0
51	X:00 to X:00 p.m.		7
198	mm/dd	phf	20
	yyyy mm dd		6
	253	346	5

Future Iterative

	147	638	19
104	SPRINGBROOK/ROBERTS		0
38	X:00 to X:00 p.m.		8
239	mm/dd	phf	14
	yyyy mm dd		10
	333	734	10

Net Change: 922
Cum. Growth: 167.3%
Annual Growth: 1.02%

Future Applied Volumes

	147	638	19
104	SPRINGBROOK/ROBERTS		0
38	X:00 to X:00 p.m.		8
239	mm/dd	phf	14
	yyyy mm dd		10
	333	734	10

Net Change: 1,025
Cum. Growth: 174.8%
Annual Growth: 1.02%

108

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method Future/Base	Difference (Existing * Method Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
BIDDLE/ LAWNSDALE	South	In	22	587	64	673	613	921	1.57%	642	95%	966	952	959	959	142%	Okay	Okay	Okay	959
		Out	40	465	10	515	486	769	1.82%	513	100%	773	771	772	772	150%	Okay	Okay	Okay	772
	West	In	24	10	10	44	44	44	0.00%	44	100%	44	44	44	44	100%	Okay	Okay	Okay	44
		Out	22	11	11	44	44	44	0.00%	44	100%	44	44	44	44	100%	Okay	Okay	Okay	44
	North	In	198	465	11	674	571	1039	2.56%	615	91%	1139	1098	1119	1119	166%	Okay	Okay	Okay	1119
		Out	24	587	303	914	680	1167	2.24%	726	79%	1470	1355	1413	1413	155%	Okay	Okay	Okay	1413
	East	In	40	11	303	354	109	293	5.28%	126	36%	822	521	671	671	190%	Okay	Okay	Okay	671
		Out	198	10	64	272	153	344	3.90%	171	63%	547	445	496	496	182%	Okay	Okay	Okay	496
						3490	2700	4621	2.22%	2880	83%	5600	5231	5415	5415	155%	Okay	Okay	Okay	5518

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Initial 255 Link Volume	Base Model Link Volume	Future Model Link Volume	Future Adjusted Link Volume
BIDDLE/ LAWNSDALE	South	In	19	815	102	613	921	959	936
		Out	67	696	9	486	769	772	772
	West	In	23	11	9	44	44	44	43
		Out	19	13	12	44	44	44	44
	North	In	383	696	12	571	1039	1119	1091
		Out	23	815	575	680	1167	1413	1413
	East	In	67	13	575	109	293	671	655
		Out	383	11	102	153	344	496	496
						2700	4621	5518	5450

Existing

	11	465	198
24	BIDDLE/LAWNSDALE		0
10	X:00 to X:00 p.m.		303
10	mm/dd	phf	11
	yyyy mm dd		40
	22	587	64

Future Iterative

	12	696	383
23	BIDDLE/LAWNSDALE		0
11	X:00 to X:00 p.m.		575
9	mm/dd	phf	13
	yyyy mm dd		67
	19	815	102

Net Change: 980
Cum. Growth: 156.2%
Annual Growth: 1.02%

Future Applied Volumes

	12	696	383
23	BIDDLE/LAWNSDALE		0
11	X:00 to X:00 p.m.		575
9	mm/dd	phf	13
	yyyy mm dd		67
	19	815	102

Net Change: 980
Cum. Growth: 156.2%
Annual Growth: 1.02%

109

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method Future/Base	Difference (Existing * Method Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
N CENTRAL/ HWY 238	South	In	32	70	51	153	153	508	7.25%	186	122%	417	475	446	446	291%	Okay	Okay	Okay	446
		Out	58	111	35	204	88	530	15.70%	129	63%	835	605	720	720	353%	Okay	Okay	Okay	720
	West	In	235	517	35	787	534	891	2.09%	567	72%	1236	1111	1173	1173	149%	Okay	Okay	Okay	1173
		Out	32	586	258	876	786	1131	1.37%	818	93%	1211	1189	1200	1200	137%	Okay	Okay	Okay	1200
	North	In	5	111	258	374	103	450	10.53%	136	36%	1242	688	965	965	258%	Okay	Okay	Okay	965
		Out	235	70	3	308	208	467	3.89%	232	75%	619	543	581	581	189%	Okay	Okay	Okay	581
	East	In	58	586	3	647	603	838	1.22%	625	97%	867	860	864	864	133%	Okay	Okay	Okay	864
		Out	5	517	51	573	312	552	2.40%	335	58%	946	791	868	868	151%	Okay	Okay	Okay	868
						3922	2787	5367	2.89%	3029	77%	6950	6260	6605	6605	168%	Okay	Okay	Okay	6817

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Initial 255 Link Volume	Base Model Link Volume	Future Model Link Volume	Future Adjusted Link Volume
N CENTRAL/ HWY 238	South	In	68	222	147	153	508	446	436
		Out	161	473	85	88	530	720	720
	West	In	354	709	85	534	891	1173	1148
		Out	68	676	456	786	1131	1200	1200
	North	In	12	473	456	103	450	965	941
		Out	354	222	5	208	467	581	581
	East	In	161	676	5	603	838	864	842
		Out	12	709	147	312	552	868	868
						2787	5367	6817	6737

Existing

	258	111	5
235	N CENTRAL/HWY 238		0
517	X:00 to X:00 p.m.		3
35	mm/dd	phf	586
	yyyy mm dd		58
	32	70	51

Future Iterative

	456	473	12
354	N CENTRAL/HWY 238		0
709	X:00 to X:00 p.m.		5
85	mm/dd	phf	676
	yyyy mm dd		161
	68	222	147

Net Change: 1,408
Cum. Growth: 171.8%
Annual Growth: 1.02%

Future Applied Volumes

	456	473	12
354	N CENTRAL/HWY 238		0
709	X:00 to X:00 p.m.		5
85	mm/dd	phf	676
	yyyy mm dd		161
	68	222	147

Net Change: 1,637
Cum. Growth: 183.5%
Annual Growth: 1.02%

110

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method Future/Base	Difference (Existing * Method Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
SAGE RD/ HWY 238	South	In	132	229	112	473	503	427	-0.47%	496	105%	407	404	406	406	86%	Okay	Okay	Okay	406
		Out	205	233	79	517	391	473	0.66%	399	77%	613	591	602	602	117%	Okay	Okay	Okay	602
	West	In	100	470	79	649	584	929	1.85%	616	95%	978	962	970	970	149%	Okay	Okay	Okay	970
		Out	132	593	110	835	870	1187	1.14%	900	108%	1102	1122	1112	1112	133%	Okay	Okay	Okay	1112
	North	In	129	233	110	472	375	676	2.51%	403	85%	791	745	768	768	163%	Okay	Okay	Okay	768
		Out	100	229	70	399	453	627	1.20%	469	118%	533	557	545	545	137%	Okay	Okay	Okay	545
	East	In	205	593	70	868	784	1131	1.38%	817	94%	1202	1182	1192	1192	137%	Okay	Okay	Okay	1192
		Out	129	470	112	711	533	876	2.01%	565	79%	1102	1022	1062	1062	149%	Okay	Okay	Okay	1062
						4924	4493	6326	1.27%	4665	95%	6677	6585	6631	6631	135%	Okay	Okay	Okay	6657

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Initial 255 Link Volume	Base Model Link Volume	Future Model Link Volume	Future Adjusted Link Volume
SAGE RD/ HWY 238	South	In	90	223	90	503	427	406	404
		Out	218	308	77	391	473	602	602
	West	In	182	707	77	584	929	970	966
		Out	90	830	192	870	1187	1112	1112
	North	In	265	308	192	375	676	768	765
		Out	182	223	140	453	627	545	545
	East	In	218	830	140	784	1131	1192	1187
		Out	265	707	90	533	876	1062	1062
						4493	6326	6657	6642

Existing

	110	233	129
100	SAGE RD/HWY 238		0
470	X:00 to X:00 p.m.		70
79	mm/dd	phf	593
	yyyy mm dd		205
	132	229	112

Future Iterative

	192	308	265
182	SAGE RD/HWY 238		0
707	X:00 to X:00 p.m.		140
77	mm/dd	phf	830
	yyyy mm dd		218
	90	223	90

Net Change: 859
Cum. Growth: 134.9%
Annual Growth: 1.01%

Future Applied Volumes

	192	308	265
182	SAGE RD/HWY 238		0
707	X:00 to X:00 p.m.		140
77	mm/dd	phf	830
	yyyy mm dd		218
	90	223	90

Net Change: 859
Cum. Growth: 134.9%
Annual Growth: 1.01%

111

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method Future/Base	Difference (Existing * Method Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
Phoenix/ Hillcrest	South	In	97	392	11	500	282	944	7.34%	344	69%	1372	1100	1236	1236	247%	Okay	Okay	Okay	1236
		Out	31	285	136	452	299	909	6.38%	356	79%	1154	1005	1079	1079	239%	Okay	Okay	Okay	1079
	West	In	117	98	136	351	346	766	3.79%	385	110%	698	732	715	715	204%	Okay	Okay	Okay	715
		Out	97	73	55	225	189	553	6.02%	223	99%	558

		Out	29	98	11	138	150	402	5.25%	174	126%	320	366	343	343		249%	Okay	Okay	Okay	343
						2684	2104	5624	5.23%	2434	91%	6202	5874	6038	6038		225%	Okay	Okay	Okay	6064

119

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Future/Base)	Difference Method (Ex. + Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
Table Rock/ Merriman	South	In	222	470	12	704	721	927	0.89%	740	105%	882	891	886	886	126%	Okay	Okay	Okay	886
		Out	3	488	153	644	556	740	1.03%	573	89%	831	811	821	821	127%	Okay	Okay	Okay	821
	West	In	28	4	153	185	185	185	0.00%	185	100%	185	185	185	185	100%	Okay	Okay	Okay	185
		Out	222	1	11	234	234	234	0.00%	234	100%	234	234	234	234	100%	Okay	Okay	Okay	234
	North	In	7	488	11	506	204	202	-0.03%	204	40%	502	504	503	503	99%	Okay	Okay	Okay	503
		Out	28	470	5	503	371	370	-0.01%	371	74%	502	502	502	502	100%	Okay	Okay	Okay	502
	East	In	3	1	5	9	9	9	0.00%	9	100%	9	9	9	9	100%	Okay	Okay	Okay	9
		Out	7	4	12	23	23	23	0.00%	23	100%	23	23	23	23	100%	Okay	Okay	Okay	23
						2808	2303	2690	0.53%	2339	83%	3229	3159	3194	3194	114%	Okay	Okay	Okay	3163

120

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Future/Base)	Difference Method (Ex. + Difference Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
I-5 NB RAMPS/ CRATER LAKE HWY	South	In	208	1	441	650	756	949	0.80%	774	119%	797	825	811	811	125%	Okay	Okay	Okay	811
		Out	1	1	182	184	184	184	0.00%	184	100%	184	184	184	184	100%	Okay	Okay	Okay	184
	West	In	1	1522	182	1705	1325	2023	1.65%	1390	82%	2481	2338	2409	2409	141%	Okay	Okay	Okay	2409
		Out	208	1529	1	1738	2033	1870	-0.25%	2018	116%	1611	1590	1601	1601	92%	Okay	Okay	Okay	1601
	North	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
		Out	1	1	209	211	417	695	2.08%	443	210%	331	463	397	397	188%	Okay	Okay	Okay	397
	East	In	1	1529	209	1739	2232	2958	1.02%	2300	132%	2236	2397	2317	2317	133%	Okay	Okay	Okay	2317
		Out	1	1522	441	1964	1784	2653	1.52%	1865	95%	2793	2752	2772	2772	141%	Okay	Okay	Okay	2772
						8194	8734	11335	0.93%	8978	110%	10345	10551	10448	10448	128%	Okay	Okay	Okay	10494

306

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Future/Base)	Difference Method (Existing * Method (Ex. + Difference Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
FOOTHILL/ CEDAR LINKS	South	In	32	424	1	457	379	875	4.09%	426	93%	940	907	923	923	202%	Okay	Okay	Okay	923
		Out	1	294	18	313	372	942	4.79%	425	136%	693	830	761	761	243%	Okay	Okay	Okay	761
	West	In	19	1	18	38	77	160	3.37%	85	223%	72	113	92	92	243%	Okay	Okay	Okay	92
		Out	32	1	24	57	60	115	2.86%	65	114%	101	107	104	104	182%	Okay	Okay	Okay	104
	North	In	1	294	24	319	415	999	4.40%	470	147%	678	848	763	763	239%	Okay	Okay	Okay	763
		Out	19	424	1	444	439	977	3.83%	489	110%	886	932	909	909	205%	Okay	Okay	Okay	909
	East	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
		Out	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
						1634	1748	4074	4.16%	1966	120%	3386	3742	3564	3564	218%	Okay	Okay	Okay	3559

310

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Future/Base)	Difference Method (Existing * Method (Ex. + Difference Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
CRATER LAKE AVE/ VILAS	South	In	52	75	18	145	341	341	0.00%	341	235%	145	145	145	145	100%	Okay	Okay	Okay	145
		Out	13	47	66	126	188	188	0.00%	188	149%	126	126	126	126	100%	Okay	Okay	Okay	126
	West	In	102	122	66	290	512	1609	6.70%	615	212%	759	1284	1022	1022	352%	Okay	Okay	Okay	1022
		Out	52	109	125	286	340	1085	6.85%	410	143%	757	961	859	859	300%	Okay	Okay	Okay	859
	North	In	14	47	125	186	88	150	2.20%	94	50%	297	242	270	270	145%	Okay	Okay	Okay	270
		Out	102	75	13	190	163	496	6.38%	194	102%	485	492	489	489	257%	Okay	Okay	Okay	489
	East	In	13	109	13	135	224	875	9.08%	285	211%	414	725	570	570	422%	Okay	Okay	Okay	570
		Out	14	122	18	154	373	997	5.23%	432	280%	356	720	538	538	349%	Okay	Okay	Okay	538
						1512	2229	5741	4.92%	2558	169%	3393	4695	4044	4044	267%	Okay	Okay	Okay	4017

311

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Future/Base)	Difference Method (Existing * Method (Ex. + Difference Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
CRATER LAKE AVE/ CONKER BUTTE	South	In	23	133	14	170	56	463	22.71%	94	55%	836	539	687	687	404%	Okay	Okay	Okay	687
		Out	24	116	7	147	59	294	12.45%	81	55%	533	360	447	447	304%	Okay	Okay	Okay	447
	West	In	39	77	7	123	123	123	0.00%	123	100%	123	123	123	123	100%	Okay	Okay	Okay	123
		Out	23	105	31	159	159	159	0.00%	159	100%	159	159	159	159	100%	Okay	Okay	Okay	159
	North	In	46	116	31	193	208	314	1.59%	218	113%	278	289	284	284	147%	Okay	Okay	Okay	284
		Out	39	133	25	197	338	156	-1.68%	321	163%	96	32	64	64	32%	Okay	Okay	Okay	64
	East	In	24	105	25	154	119	448	8.64%	150	97%	460	452	456	456	296%	Okay	Okay	Okay	456
		Out	46	77	14	137	236	774	7.12%	286	209%	370	625	497	497	363%	Okay	Okay	Okay	497
						1280	1298	2731	3.45%	1432	112%	2441	2579	2510	2510	196%	Okay	Okay	Okay	2717

313

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Future/Base)	Difference Method (Existing * Method (Ex. + Difference Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
COLUMBUS/ 4TH	South	In	1	509	82	592	598	711	0.59%	609	103%	692	694	693	693	117%	Okay	Okay	Okay	693
		Out	74	619	1	694	806	903	0.38%	815	117%	769	782	775	775	112%	Okay	Okay	Okay	775
	West	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
		Out	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
	North	In	27	619	1	647	805	904	0.38%	814	126%	718	737	728	728	112%	Okay	Okay	Okay	728
		Out	1	509	27	537	577	686	0.59%	587	109%	627	636	632	632	118%	Okay	Okay	Okay	632
	East	In	74	1	27	102	44	40	-0.28%	44	43%	94	98	96	96	94%	Okay	Okay	Okay	96
		Out	27	1	82	110	64	65	0.05%	64	58%	112	111	111	111	101%	Okay	Okay	Okay	111
						2688	2900	3315	0.45%	2939	109%	3032	3064	3048	3048	113%	Okay	Okay	Okay	3041

320

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Future/Base)	Difference Method (Existing * Method (Ex. + Difference Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
FOOTHILL/ DELTA WATERS	South	In	98	344	1	443	411	939	4.01%	461	104%	903	922	912	912	206%	Okay	Okay	Okay	912
		Out	1	213	122	336	404	981	4.46%	458	136%	720	859	789	789	235%	Okay	Okay	Okay	789
	West	In	39	1	122	162	100	218	3.69%	111	69%	318	269	293	293	181%	Okay	Okay	Okay	293
		Out	98	1	26	125	69	168	4.48%	78	63%	268	215	241	241	193%	Okay	Okay	Okay	241
	North	In	1	213	26	240	334	785	4.22%	376	157%	501	649	575	575	239%	Okay	Okay	Okay	575
		Out	39	344	1	384	373	792	3.51%	412	107%	738	764	751	751	195%	Okay	Okay	Okay	751
	East	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
		Out	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
						1696	1697	3889	4.04%	1903	112%	3467	3683	3575	3575	211%	Okay	Okay	Okay	3568

321

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Future/Base)	Difference Method (Existing * Method (Ex. + Difference Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
SPRINGBROOK/ DELTA WATERS	South	In	122	21	27	170	3	456	471.88%	45	27%	1705	581	1143	581	341%	Okay	Okay	Okay	581
		Out	37	7	152	196	3	656	680.21%	64	33%	2002	788	1395	788	402%	Okay	Okay	Okay	788
	West	In	52	442	152	646	638	631	-0.03%	637	99%	640	640	640	640	99%	Okay	Okay	Okay	640
		Out	122	285	29	436	410	357	-0.40%	405	93%	384	388	386	386	89%	Okay	Okay	Okay	386
	North	In	4	7	29	40	86	584	18.10%	133	332%	176	491	334	334	834%	Okay	Okay	Okay	334
		Out	52	21	8	81	139	493	7.96%	172	213%	232	402	317	317	391%	Okay	Okay	Okay	317
	East	In	37	285	8	330	367	189	-1.52%	350	106%	178	169	173	173	53%	Okay	Okay	Okay	173
		Out	4	442	27	473	542	353	-1.09%	524	111%	318	302	310	310	66%	Okay	Okay	Okay	310
						2372	2188	3719	2.19%	2332	98%	3784	3759	3772	3772	159%	Okay	Okay	Okay	3528

325

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Ratio Method (Existing * Future/Base)	Difference Method (Existing * Method (Ex. + Difference Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
		In	42	535	3	580	416	905	3.67%	462	80%	1137	1023	1080	1080	186%	Okay	Okay	Okay	1080

Final Volumes

119

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
Table Rock/ Merriman	South	In	234	501	22	721	927	886	756
		Out	10	594	217	556	740	821	821
	West	In	1	0	217	185	185	185	218
		Out	234	0	0	234	234	234	234
	North	In	0	594	0	204	202	503	595
		Out	1	501	0	371	370	502	502
	East	In	10	0	0	9	9	9	10
		Out	0	0	22	23	23	23	23
						2303	2690	3163	3160

120

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
I-5 NB RAMPS/ CRATER LAKE HWY	South	In	59	1	694	756	949	811	753
		Out	4	1	179	184	184	184	184
	West	In	0	2077	179	1325	2023	2409	2257
		Out	59	1542	0	2033	1870	1601	1601
	North	In	1	1	0	3	3	3	3
		Out	0	1	396	417	695	397	397
	East	In	4	1542	396	2232	2958	2317	1942
		Out	1	2077	694	1784	2653	2772	2772
						8734	11335	10494	9908

306

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
FOOTHILL/ CEDAR LINKS	South	In	56	863	1	379	875	923	919
		Out	1	714	46	372	942	761	761
	West	In	45	1	46	77	160	92	92
		Out	56	1	47	60	115	104	104
	North	In	1	714	47	415	999	763	762
		Out	45	863	1	439	977	909	909
	East	In	1	1	1	3	3	3	3
		Out	1	1	1	3	3	3	3
						1748	4074	3559	3554

310

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
CRATER LAKE AVE/ VILAS	South	In	79	53	13	341	341	145	146
		Out	11	16	99	188	188	126	126
	West	In	406	511	99	512	1609	1022	1015
		Out	79	536	244	340	1085	859	859
	North	In	13	16	244	88	150	270	273
		Out	406	53	30	163	496	489	489
	East	In	11	536	30	224	875	570	577
		Out	13	511	13	373	997	538	538
						2229	5741	4017	4023

311

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
CRATER LAKE AVE/ CONKER BUTTE	South	In	75	61	379	56	463	687	515
		Out	262	172	12	59	294	447	447
	West	In	1	79	12	123	123	123	92
		Out	75	80	3	159	159	159	159
	North	In	39	172	3	208	314	284	214
		Out	1	61	3	338	156	64	64
	East	In	262	80	3	119	448	456	345
		Out	39	79	379	236	774	497	497
						1298	2731	2717	2334

313

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
COLUMBUS/ 4TH	South	In	1	606	85	598	711	693	692
		Out	71	703	1	806	903	775	775
	West	In	1	1	1	3	3	3	3
		Out	1	1	1	3	3	3	3
	North	In	25	703	1	805	904	728	730
		Out	1	606	24	577	686	632	632
	East	In	71	1	24	44	40	96	96
		Out	25	1	85	64	65	111	111
						2900	3315	3041	3042

320

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
FOOTHILL/ DELTA WATERS	South	In	202	703	1	411	939	912	906
		Out	1	540	248	404	981	789	789
	West	In	47	1	248	100	218	293	296
		Out	202	1	39	69	168	241	241
	North	In	1	540	39	334	785	575	580
		Out	47	703	1	373	792	751	751
	East	In	1	1	1	3	3	3	3
		Out	1	1	1	3	3	3	3
						1697	3889	3568	3569

321

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
SPRINGBROOK/ DELTA WATERS	South	In	249	246	110	3	456	581	605
		Out	110	252	427	3	656	788	788
	West	In	61	179	427	638	631	640	667
		Out	249	61	76	410	357	386	386
	North	In	21	252	76	86	584	334	348
		Out	61	246	10	139	493	317	317
	East	In	110	61	10	367	189	173	181
		Out	21	179	110	542	353	310	310
						2188	3719	3528	3602

325

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
		In	64	1066	1	416	905	1080	1131

Net Change: 1,700
Cum. Growth: 226.7%
Annual Growth: 1.03%

Net Change: 1,887
Cum. Growth: 240.6%
Annual Growth: 1.03%

Existing

	11	488	7	
Intersection Volume Balance	Table Rock/Merriman			0
28	X:00 to X:00 p.m.			5
4	yyyy	mm	dd	1
153	yyyy	mm	dd	3
				0
	222	470	12	0

Future Iterative

	0	594	0	
Intersection Volume Balance	Table Rock/Merriman			0
1	X:00 to X:00 p.m.			0
0	yyyy	mm	dd	0
217	yyyy	mm	dd	10
				0
	234	501	22	0

Net Change: 176
Cum. Growth: 112.5%
Annual Growth: 1.00%

Future Applied Volumes

	234	594	217	
Intersection Volume Balance	Table Rock/Merriman			0
28	X:00 to X:00 p.m.			28
4	yyyy	mm	dd	4
153	yyyy	mm	dd	153
				0
	234	501	22	0

Net Change: 246
Cum. Growth: 117.6%
Annual Growth: 1.01%

Existing

	1	1	1	
Intersection Volume Balance	I-5 NB RAMPS/ CRATER LAKE HWY			0
1	X:00 to X:00 p.m.			209
1522	yyyy	mm	dd	1529
182	yyyy	mm	dd	1
				0
	208	1	441	0

Future Iterative

	0	1	1	
Intersection Volume Balance	I-5 NB RAMPS/ CRATER LAKE HWY			0
0	X:00 to X:00 p.m.			396
2077	yyyy	mm	dd	1542
179	yyyy	mm	dd	4
				0
	59	1	694	0

Net Change: 857
Cum. Growth: 120.9%
Annual Growth: 1.01%

Future Applied Volumes

	0	1	1	
Intersection Volume Balance	I-5 NB RAMPS/ CRATER LAKE HWY			0
0	X:00 to X:00 p.m.			396
2077	yyyy	mm	dd	2077
179	yyyy	mm	dd	179
				0
	59	1	694	0

Net Change: 2,074
Cum. Growth: 150.6%
Annual Growth: 1.01%

Existing

	24	294	1	
Intersection Volume Balance	FOOTHILL/CEDAR LINKS			0
19	X:00 to X:00 p.m.			1
1	yyyy	mm	dd	1
18	yyyy	mm	dd	1
				0
	32	424	1	0

Future Iterative

	42	714	1	
Intersection Volume Balance	FOOTHILL/CEDAR LINKS			0
45	X:00 to X:00 p.m.			1
1	yyyy	mm	dd	1
46	yyyy	mm	dd	1
				0
	56	863	1	0

Net Change: 960
Cum. Growth: 217.5%
Annual Growth: 1.03%

Future Applied Volumes

	42	714	0	
Intersection Volume Balance	FOOTHILL/CEDAR LINKS			0
45	X:00 to X:00 p.m.			0
0	yyyy	mm	dd	0
46	yyyy	mm	dd	0
				0
	56	1048	0	0

Net Change: 1,095
Cum. Growth: 234.1%
Annual Growth: 1.03%

Existing

	125	47	14	
Intersection Volume Balance	CRATER LAKE AVE/VILAS			0
102	X:00 to X:00 p.m.			13
122	yyyy	mm	dd	109
66	yyyy	mm	dd	13
				0
	52	75	18	0

Future Iterative

	244	16	13	
Intersection Volume Balance	CRATER LAKE AVE/VILAS			0
406	X:00 to X:00 p.m.			30
511	yyyy	mm	dd	536
99	yyyy	mm	dd	11
				0
	79	53	13	0

Net Change: 1,255
Cum. Growth: 266.0%
Annual Growth: 1.03%

Future Applied Volumes

	250	50	13	
Intersection Volume Balance	CRATER LAKE AVE/VILAS			0
150	X:00 to X:00 p.m.			30
300	yyyy	mm	dd	300
150	yyyy	mm	dd	150
				0
	250	250	250	0

Net Change: 1,001
Cum. Growth: 256.5%
Annual Growth: 1.03%

Existing

	31	116	46	
Intersection Volume Balance	CRATER LAKE AVE/CONKER BUTTE			0
39	X:00 to X:00 p.m.			25
77	yyyy	mm	dd	105
7	yyyy	mm	dd	24
				0
	23	133	14	0

Future Iterative

	3	172	79	
Intersection Volume Balance	CRATER LAKE AVE/CONKER BUTTE			0
1	X:00 to X:00 p.m.			3
79	yyyy	mm	dd	80
12	yyyy	mm	dd	262
				0
	25	61	379	0

Net Change: 527
Cum. Growth: 182.3%
Annual Growth: 1.02%

Future Applied Volumes

	25	61	379	
Intersection Volume Balance	CRATER LAKE AVE/CONKER BUTTE			0
39	X:00 to X:00 p.m.			39
77	yyyy	mm	dd	77
7	yyyy	mm	dd	7
				0
	25	61	379	0

Net Change: 1,001
Cum. Growth: 256.5%
Annual Growth: 1.03%

Existing

	1	619	27	
Intersection Volume Balance	COLUMBUS/4TH			0
1	X:00 to X:00 p.m.			27
1	yyyy	mm	dd	1
1	yyyy	mm	dd	74
				0
	1	509	82	0

Future Iterative

	1	703	25	
Intersection Volume Balance	COLUMBUS/4TH			0
1	X:00 to X:00 p.m.			24
1	yyyy	mm	dd	1
1	yyyy	mm	dd	71
				0
	1	606	85	0

Net Change: 177
Cum. Growth: 113.2%
Annual Growth: 1.00%

Future Applied Volumes

	1	703	25	
Intersection Volume Balance	COLUMBUS/4TH			0
0	X:00 to X:00 p.m.			24
0	yyyy	mm	dd	0
0	yyyy	mm	dd	0
				0
	0	606	85	0

Net Change: 192
Cum. Growth: 114.3%
Annual Growth: 1.00%

Existing

	26	411	1	
Intersection Volume Balance	FOOTHILL/DELTA WATERS			0
39	X:00 to X:00 p.m.			1
1	yyyy	mm	dd	1
122	yyyy	mm	dd	1
				0
	98	344	1	0

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Future(Base) Future - Base) Method	Difference	Average of Ratio & (Existing * Method (Ex. + Difference Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
FOOTHILL/ LONE PINE	South	Out	2	316	17	335	397	939	4.27%	448	134%	702	826	764	228%	Okay	Okay	Okay	764
	West	In				22	42	298	19.05%	66	300%	99	254	177	803%	Okay	Okay	Okay	177
		Out	42	1	16	59	44	174	9.23%	56	95%	183	177	180	305%	Okay	Okay	Okay	180
	North	In				334	373	944	4.78%	427	128%	739	851	795	238%	Okay	Okay	Okay	795
		Out	4	535	1	540	390	1008	4.95%	448	83%	1215	1100	1158	214%	Okay	Okay	Okay	1158
	East	In				4	4	4	0.00%	4	100%	4	4	4	100%	Okay	Okay	Okay	4
		Out	2	1	3	6	6	6	0.00%	6	100%	6	6	6	100%	Okay	Okay	Okay	6
						1880	1672	4278	4.87%	1916	102%	4197	4242	4219	224%	Okay	Okay	Okay	4164

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Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Future(Base) Future - Base) Method	Difference	Average of Ratio & (Existing * Method (Ex. + Difference Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
HIGHLAND/ E. MAIN	South	In	198	2	15	215	95	99	0.13%	95	44%	223	219	221	221	103%	Okay	Okay	Okay	221
	West	Out	29	1	127	157	100	158	1.81%	105	67%	235	210	222	222	142%	Okay	Okay	Okay	222
		In	1	332	127	460	302	444	1.47%	315	69%	648	589	618	618	134%	Okay	Okay	Okay	618
		Out	198	248	1	447	201	276	1.17%	208	47%	593	515	554	554	124%	Okay	Okay	Okay	554
	North	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
		Out	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
	East	In	29	248	1	278	130	203	1.75%	137	49%	412	344	378	378	136%	Okay	Okay	Okay	378
		Out	1	332	15	348	227	312	1.17%	235	68%	462	425	444	444	127%	Okay	Okay	Okay	444
						1911	1061	1498	1.29%	1102	58%	2598	2307	2452	2452	128%	Okay	Okay	Okay	2443

330

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link Volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Future(Base) Future - Base)	Difference	Average of Ratio & (Existing * Method (Ex. + Difference Selected 255 (From Ex. Method	Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
PIERCE/ HILLCREST	South	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
	West	Out	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
		In	98	321	1	420	360	679	2.77%	390	93%	731	709	720	720	171%	Okay	Okay	Okay	720
		Out	1	198	34	233	194	555	5.82%	228	98%	568	560	564	564	242%	Okay	Okay	Okay	564
	North	In	83	1	34	118	42	67	1.86%	44	38%	178	141	159	159	135%	Okay	Okay	Okay	159
		Out	98	1	80	179	50	71	1.31%	52	29%	245	198	221	198	111%	Okay	Okay	Okay	198
	East	In	1	198	80	279	190	578	6.38%	226	81%	712	631	671	671	241%	Okay	Okay	Okay	671
		Out	83	321	1	405	347	698	3.16%	380	94%	744	723	734	734	181%	Okay	Okay	Okay	734
						1640	1189	2654	3.85%	1326	81%	3282	2968	3125	3125	191%	Okay	Okay	Okay	3053

331

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Future(Base) Future - Base) Method	Difference	Average of Ratio & (Existing * Method (Ex. + Difference Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
VALLEY VIEW/ HILLCREST	South	In	5	45	100	150	233	391	2.12%	248	165%	237	293	265	265	177%	Okay	Okay	Okay	265
	West	Out	66	35	7	108	158	350	3.80%	176	163%	215	282	248	248	230%	Okay	Okay	Okay	248
		In	8	320	7	335	278	375	1.09%	287	86%	438	423	430	430	128%	Okay	Okay	Okay	430
		Out	5	370	4	379	210	432	3.30%	231	61%	709	580	645	645	170%	Okay	Okay	Okay	645
	North	In	17	35	4	56	56	56	0.00%	56	100%	56	56	56	56	100%	Okay	Okay	Okay	56
		Out	8	45	25	78	78	78	0.00%	78	100%	78	78	78	78	100%	Okay	Okay	Okay	78
	East	In	66	370	25	461	316	666	3.46%	349	76%	880	778	829	829	180%	Okay	Okay	Okay	829
		Out	17	320	100	437	764	764	0.00%	764	175%	437	437	437	437	100%	Okay	Okay	Okay	437
						2004	2093	3112	1.52%	2189	109%	2850	2927	2889	2889	144%	Okay	Okay	Okay	2989

341

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Future(Base) Future - Base) Method	Difference	Average of Ratio & (Existing * Method (Ex. + Difference Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
ROSS LN/ MCANDREWS RD	South	In	5	372	220	597	359	672	2.72%	388	65%	1033	881	957	957	160%	Okay	Okay	Okay	957
	West	Out	195	567	5	767	458	731	1.86%	484	63%	1159	1014	1087	1087	142%	Okay	Okay	Okay	1087
		In	2	1	5	8	54	104	2.89%	59	734%	14	53	34	34	422%	Okay	Okay	Okay	34
		Out	5	1	3	9	82	139	2.17%	87	970%	14	61	37	37	417%	Okay	Okay	Okay	37
	North	In	11	567	3	581	84	246	6.03%	99	17%	1441	728	1084	728	125%	Okay	Okay	Okay	728
		Out	2	372	9	383	98	367	8.58%	123	32%	1141	627	884	627	164%	Okay	Okay	Okay	627
	East	In	195	1	9	205	465	631	1.12%	481	234%	269	355	312	312	152%	Okay	Okay	Okay	312
		Out	11	1	220	232	308	386	0.79%	315	136%	284	303	293	293	126%	Okay	Okay	Okay	293
						2782	1908	3276	2.24%	2036	73%	4476	4022	4249	4249	153%	Okay	Okay	Okay	4075

343

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Future(Base) Future - Base) Method	Difference	Average of Ratio & (Existing * Method (Ex. + Difference Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
Ross/ Highway 238	South	In	71	1	101	173	289	595	3.31%	318	184%	324	450	387	387	224%	Okay	Okay	Okay	387
	West	Out	138	1	71	210	269	490	2.57%	290	138%	355	410	383	383	182%	Okay	Okay	Okay	383
		In	1	282	71	354	385	478	0.75%	394	111%	430	438	434	434	123%	Okay	Okay	Okay	434
		Out	71	381	1	453	691	842	0.68%	705	156%	541	590	565	565	125%	Okay	Okay	Okay	565
	North	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
		Out	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
	East	In	138	381	1	520	870	1187	1.14%	900	173%	686	807	747	747	144%	Okay	Okay	Okay	747
		Out	1	282	101	384	584	929	1.85%	616	161%	579	697	638	638	166%	Okay	Okay	Okay	638
						2100	3094	4527	1.45%	3228	154%	2945	3399	3172	3172	151%	Okay	Okay	Okay	3160

346

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Future(Base) Future - Base) Method	Difference	Average of Ratio & (Existing * Method (Ex. + Difference Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
KINGS HWY/ GARFIELD	South	In	14	89	67	170	85	158	2.68%	92	54%	292	236	264	264	155%	Okay	Okay	Okay	264
	West	Out	104	96	24	224	180	271	1.58%	189	84%	322	306	314	314	140%	Okay	Okay	Okay	314
		In	23	231	24	278	28	38	1.12%	29	10%	365	287	326	287	103%	Okay	Okay	Okay	287
		Out	14	252	32	298	34	74	3.68%	38	13%	584	334	459	334	112%	Okay	Okay	Okay	334
	North	In	58	96	32	186	189	258	1.14%	195	105%	246	249	247	247	133%	Okay	Okay	Okay	247
		Out	23	89	61	173	113	181	1.88%	119	69%	262	235	248	248	144%	Okay	Okay	Okay	248
	East	In	104	252	61	417	72	190	5.12%	83	20%	954	524	739	524	126%	Okay	Okay	Okay	524
		Out	58	231	67	356	47	117	4.65%	54	15%	778	419	599	419	118%	Okay	Okay	Okay	419
						2102	748	1287	2.25%	799	38%	3388	2590	2989	2989	142%	Okay	Okay	Okay	2639

401

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Future(Base) Future - Base) Method	Difference	Average of Ratio & (Existing * Method (Ex. + Difference Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
ROSS - LOZIER/ MAIN	South	In	104	207	68	379	139	259	2.70%	150	40%	653	488	571	571	151%	Okay	Okay	Okay	571
	West	Out	141	329	45	515	187	387	3.34%	206	40%	969	696	832	832	162%	Okay	Okay	Okay	832
		In	195	245	45	485	376	676	2.49%	404	83%	811	757	784	784	162%	Okay	Okay	Okay	784
		Out	104	393	194	691	535	725	1.11%	553	80%	906	863	885	885	128%	Okay	Okay	Okay	885
	North	In	191	329	194	714	458	731	1.86%	484	68%	1079	961	1020	1020	143%	Okay	Okay	Okay	1020
		Out	195	207	87	489	359	672	2.72%	388	79%	846	773	809	809	166%	Okay	Okay	Okay	809
	East	In	141	393	87	621	358	494	1.19%	371	60%	827	744	786	786	127%	Okay	Okay	Okay	786
		Out	191	245	68	504	245	375	1.66%	257	51%	735	622	678	678	135%	Okay	Okay	Okay	678
						4398	2657	4319	1.95%	2813	64%	6753	5904	6329	6329	144%	Okay	Okay	Okay	6366

403

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Model Volumes	Base Model: Existing Volume	Future(Base) Future - Base) Method	Difference	Average of Ratio & (Existing * Method (Ex. + Difference Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
CENTER LAKE AVENUE/ OWENSDRIVE	South	In	244	169	5	418	1239	1358	0.30%	1250	299%	454	526	490	490	117%	Okay	Okay	Okay	490
	West	Out	9	198	344	551	887	1389	1.77%	934	170%	819	1006	913	913	166%	Okay	Okay	Okay	913
		In	63	1	344	408	408	543	1.03%	421	103%	527	530	529	529	130%	Okay	Okay	Okay	529
		Out	244	1	10	255	255	329	0.91%	262	103%	320	322	321	321	126%	Okay	Okay	Okay	321
	North	In	1	198	10	209	1205	1738	1.38%	1255	600%	289	692	491	491	235%	Okay	Okay	Okay	491
		Out	63	169	1	233	1460	1464	0.01%	1460	627%	234	237	235	235	101%	Okay	Okay	Okay	235
	East	In	9	1	1	11	11	851	238.64%	90	816%	104	772	438	438	3984%	Okay	Okay	Okay	438
		Out	1	1	5	7	7	1307	580.36%	129	1841%	71	1185	628	628	8972%	Okay	Okay	Okay	628
						2092	5472	8979	2.00%	5801	277%	3238	5270	4254	4254	203%	Okay	Okay	Okay	4044

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FOOTHILL/ LONE PINE

South	Out	1	676	88	397	939	764	764
West	In	90	3	88	42	298	177	180
	Out	64	1	114	44	174	180	180
North	In	2	676	114	373	944	795	793
	Out	90	1066	2	390	1008	1158	1158
East	In	1	1	2	4	4	4	4
	Out	2	3	1	6	6	6	6
					1672	4278	4184	4215

328 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Adjusted Link Volume	Adjusted Link Volume
HIGHLAND/ E. MAIN	South	In	209	1	12	95	99	221	222
	West	Out	36	1	186	100	158	222	222
		In	1	430	186	302	444	618	617
		Out	209	344	1	201	276	554	554
	North	In	1	1	1	3	3	3	3
		Out	1	1	1	3	3	3	3
	East	In	36	344	1	130	203	378	381
		Out	1	430	12	227	312	444	444
						1061	1498	2443	2446

330 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Adjusted Link Volume	Adjusted Link Volume
PIERCE/ HILLCREST	South	In	1	1	1	3	3	3	3
	West	Out	2	1	1	3	3	3	3
		In	80	616	1	360	679	720	697
		Out	1	526	37	194	555	564	564
	North	In	117	1	37	42	67	159	154
		Out	80	1	117	50	71	198	198
	East	In	2	526	117	190	578	671	645
		Out	117	616	1	347	698	734	734
						1189	2654	3053	2997

331 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Adjusted Link Volume	Adjusted Link Volume
VALLEY VIEW/ HILLCREST	South	In	41	63	128	233	391	265	231
	West	Out	146	44	58	158	350	248	248
		In	8	307	58	278	375	430	373
		Out	41	601	4	210	432	645	645
	North	In	2	44	4	56	56	56	50
		Out	8	63	7	78	78	78	78
	East	In	146	601	7	316	666	829	754
		Out	2	307	128	764	764	437	437
						2093	3112	2989	2816

341 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Adjusted Link Volume	Adjusted Link Volume
ROSS LN/ MCANDREWS RD	South	In	29	615	286	359	672	957	931
	West	Out	315	744	28	458	731	1087	1087
		In	5	2	28	54	104	34	35
		Out	29	3	6	82	139	37	37
	North	In	5	744	6	84	246	728	755
		Out	5	615	6	98	367	627	627
	East	In	315	3	6	465	631	312	324
		Out	5	2	286	308	386	293	293
						1908	3276	4075	4089

343 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Adjusted Link Volume	Adjusted Link Volume
Ross/ Highway 238	South	In	107	1	283	289	595	387	392
	West	Out	296	1	86	269	490	383	383
		In	1	353	86	385	478	434	439
		Out	107	458	1	691	842	565	565
	North	In	1	1	1	3	3	3	3
		Out	1	1	1	3	3	3	3
	East	In	296	458	1	870	1187	747	755
		Out	1	353	283	584	929	638	638
						3094	4527	3160	3178

346 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Adjusted Link Volume	Adjusted Link Volume
KINGS HWY/ GARFIELD	South	In	18	140	106	85	158	264	263
	West	Out	154	135	26	180	271	314	314
		In	23	236	26	28	38	287	286
		Out	18	283	34	34	74	334	334
	North	In	77	135	34	189	258	247	246
		Out	23	140	85	113	181	248	248
	East	In	154	283	85	72	190	524	522
		Out	77	236	106	47	117	419	419
						748	1287	2639	2633

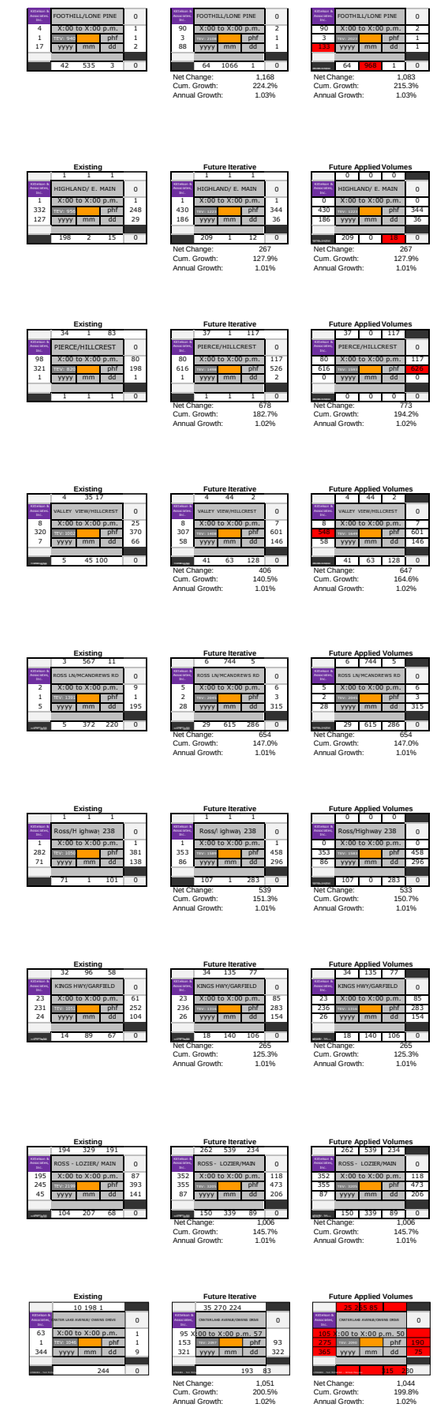
401 Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Adjusted Link Volume	Adjusted Link Volume
ROSS - LOZIER/ MAIN	South	In	150	339	89	139	259	571	578
	West	Out	206	539	87	187	387	832	832
		In	352	355	87	376	676	784	795
		Out	150	473	262	535	725	885	885
	North	In	234	539	262	458	731	1020	1035
		Out	352	339	118	359	672	809	809
	East	In	206	473	118	358	494	786	797
		Out	234	355	89	245	375	678	678
						2657	4319	6366	6410

403 Final Volumes

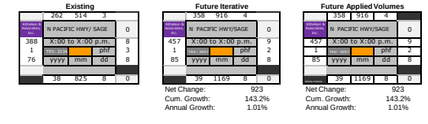
Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Adjusted Link Volume	Adjusted Link Volume
CENTER LAKE AVENUE/ OWENSDRIVE	South	In	193	83	251	1239	1358	490	528
	West	Out	322	270	321	887	1389	913	913
		In	95	153	321	408	543	529	569
		Out	193	93	35	255	329	321	321
	North	In	224	270	35	1205	1738	491	528
		Out	95	83	57	1460	1464	235	235
	East	In	322	93	57	11	851	438	472
		Out	224	153	251	7	1307	628	628
						5472	8979	4044	4194

405 Final Volumes



Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method / Future/Base)	Difference (Ex. + Difference Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor (Year)	Removed Link New Link Test	Removed Link Test	Check Summary	Volume Override
N PACIFIC HWY/ SAGE	South	In	38	825	8	871	919	1309	1.33%	956	110%	1193	1224	1209	1209	139%	Okay	Okay	Okay	1209
		Out	8	514	76	598	540	988	2.59%	582	97%	1015	1004	1010	1010	169%	Okay	Okay	Okay	1010
	West	In	388	1	76	465	445	527	0.58%	453	97%	541	539	540	540	116%	Okay	Okay	Okay	540
		Out	38	3	262	303	292	399	1.15%	302	100%	400	400	400	400	132%	Okay	Okay	Okay	400
	North	In	3	514	262	779	706	1248	2.40%	757	97%	1285	1270	1277	1277	164%	Okay	Okay	Okay	1277
		Out	388	825	8	1221	1261	1733	1.17%	1305	107%	1621	1649	1635	1635	134%	Okay	Okay	Okay	1635
	East	In	8	3	8	19	19	19	0.00%	19	100%	19	19	19	19	100%	Okay	Okay	Okay	19
		Out	3	1	8	12	12	12	0.00%	12	100%	12	12	12	12	100%	Okay	Okay	Okay	12
						4268	4194	6235	1.52%	4385	103%	6068	6118	6093	6093	143%	Okay	Okay	Okay	6102

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
N PACIFIC HWY/ SAGE	South	In	39	1169	8	919	1309	1209	1216
		Out	8	916	85	540	988	1010	1010
	West	In	457	1	85	445	527	540	543
		Out	39	2	358	292	399	400	400
	North	In	4	916	358	706	1248	1277	1278
		Out	457	1169	9	1261	1733	1635	1635
	East	In	8	2	9	19	19	19	19
		Out	4	1	8	12	12	12	12
						4194	6235	6102	6113

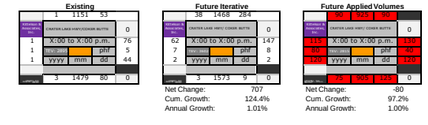


407

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method / Future/Base)	Difference (Ex. + Difference Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor (Year)	Removed Link New Link Test	Removed Link Test	Check Summary	Volume Override
CRATER LAKE HWY/ COKER BUTTE	South	In	3	1479	80	1562	1802	1497	-0.53%	1773	114%	1319	1286	1302	1302	83%	Okay	Okay	Okay	1302
		Out	44	1151	1	1196	1325	1649	0.76%	1355	113%	1455	1490	1472	1472	123%	Okay	Okay	Okay	1472
	West	In	1	1	1	3	3	105	106.25%	13	419%	25	95	60	60	2000%	Okay	Okay	Okay	60
		Out	3	5	1	9	9	61	18.06%	14	154%	40	56	48	48	532%	Okay	Okay	Okay	48
	North	In	53	1151	1	1205	1126	1893	2.13%	1198	99%	1904	1900	1902	1902	158%	Okay	Okay	Okay	1902
		Out	1	1479	76	1556	1352	1586	0.54%	1374	88%	1796	1768	1782	1782	115%	Okay	Okay	Okay	1782
	East	In	44	5	76	125	125	131	0.15%	126	100%	130	130	130	130	104%	Okay	Okay	Okay	130
		Out	53	1	80	134	134	329	4.55%	152	114%	290	311	300	300	224%	Okay	Okay	Okay	300
						5790	5876	7251	0.73%	6005	104%	6991	7036	7014	7014	121%	Okay	Okay	Okay	6997

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
CRATER LAKE HWY/ COKER BUTTE	South	In	3	1573	9	1802	1497	1302	1585
		Out	2	1468	2	1325	1649	1472	1472
	West	In	62	7	2	3	105	60	71
		Out	3	8	38	9	61	48	48
	North	In	284	1468	38	1126	1893	1902	1790
		Out	62	1573	147	1352	1586	1782	1782
	East	In	2	8	147	125	131	130	157
		Out	284	7	9	134	329	300	300
						5876	7251	6997	7205

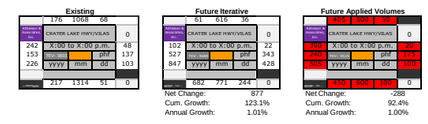


408

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method / Future/Base)	Difference (Ex. + Difference Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor (Year)	Removed Link New Link Test	Removed Link Test	Check Summary	Volume Override
CRATER LAKE HWY/ VILAS	South	In	217	1314	51	1582	1352	1602	0.58%	1375	87%	1843	1809	1826	1826	115%	Okay	Okay	Okay	1826
		Out	103	1068	226	1397	1107	1601	1.39%	1153	83%	1939	1845	1892	1892	135%	Okay	Okay	Okay	1892
	West	In	242	153	226	621	534	1609	6.29%	635	102%	1574	1595	1585	1585	255%	Okay	Okay	Okay	1585
		Out	217	137	176	530	472	1085	4.06%	529	100%	1086	1086	1086	1086	205%	Okay	Okay	Okay	1086
	North	In	68	1068	176	1312	1223	655	-1.45%	1170	89%	735	797	766	766	58%	Okay	Okay	Okay	766
		Out	242	1314	48	1604	1458	732	-1.56%	1390	87%	845	946	895	895	56%	Okay	Okay	Okay	895
	East	In	103	137	48	288	240	875	8.27%	300	104%	841	863	852	852	296%	Okay	Okay	Okay	852
		Out	68	153	51	272	312	997	6.86%	376	138%	721	893	807	807	297%	Okay	Okay	Okay	807
						7606	6698	9156	1.15%	6928	91%	10051	9834	9942	9942	131%	Okay	Okay	Okay	9709

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
CRATER LAKE HWY/ VILAS	South	In	682	771	244	1352	1602	1826	1697
		Out	428	616	847	1107	1601	1892	1892
	West	In	102	527	847	534	1609	1585	1476
		Out	682	343	61	472	1085	1086	1086
	North	In	36	616	61	1223	655	766	714
		Out	102	771	22	1458	732	895	895
	East	In	428	343	22	240	875	852	793
		Out	36	527	244	312	997	807	807
						6698	9156	9709	9360

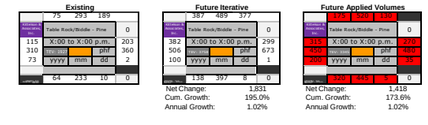


409

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method / Future/Base)	Difference (Ex. + Difference Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor (Year)	Removed Link New Link Test	Removed Link Test	Check Summary	Volume Override
Table Rock/ Biddle - Pine	South	In	64	233	10	307	308	583	2.79%	334	109%	536	556	546	546	178%	Okay	Okay	Okay	546
		Out	2	293	73	368	355	603	2.18%	378	103%	587	593	590	590	160%	Okay	Okay	Okay	590
	West	In	115	310	73	498	215	579	5.29%	249	50%	1157	828	993	993	199%	Okay	Okay	Okay	993
		Out	64	360	75	499	333	1017	6.42%	397	80%	1278	1119	1198	1198	240%	Okay	Okay	Okay	1198
	North	In	189	293	75	557	506	1297	4.89%	580	104%	1245	1274	1260	1260	226%	Okay	Okay	Okay	1260
		Out	115	233	203	551	543	1149	3.49%	600	109%	1055	1100	1078	1078	196%	Okay	Okay	Okay	1078
	East	In	2	360	203	565	529	987	2.71%	572	101%	975	980	978	978	173%	Okay	Okay	Okay	978
		Out	189	310	10	509	327	677	3.34%	360	71%	958	826	892	892	175%	Okay	Okay	Okay	892
						3854	3116	6892	3.79%	3470	90%	7655	7276	7465	7465	194%	Okay	Okay	Okay	7534

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
Table Rock/ Biddle - Pine	South	In	138	397	8	308	583	546	544
		Out	1	489	100	355	603	590	590
	West	In	382	506	100	215	579	993	988
		Out	138	673	387	333	1017	1198	1198
	North	In	377	489	387	506	1297	1260	1253
		Out	382	397	299	543	1149	1078	1078
	East	In	1	673	299	529	987	978	973
		Out	377	506	8	327	677	892	892
						3116	6892	7534	7516

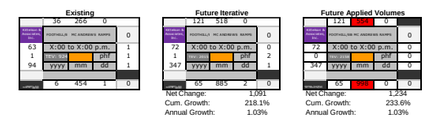


412

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method / Future/Base)	Difference (Ex. + Difference Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor (Year)	Removed Link New Link Test	Removed Link Test	Check Summary	Volume Override
FOOTHILL/ EB MC ANDREWS RAMPS	South	In	6	454	1	461	408	1011	4.62%	465	101%	1003	1007	1005	1005	218%	Okay	Okay	Okay	1005
		Out	1	266	94	361	357	951	5.20%	413	114%	832	899	866	866	240%	Okay	Okay	Okay	866
	West	In	63	1	94	158	48	224	11.46%	65	41%	549	318	433	433	274%	Okay	Okay	Okay	433
		Out	6	1	36	43	33	204	16.19%	49	114%	179	198	188	188	438%	Okay	Okay	Okay	188
	North	In	0	266	36	302	308	726	4.24%	347	115%	632	681	656	656	217%	Okay	Okay	Okay	656
		Out	63	454	1	518	375	807	3.60%	416	80%	1006	910	958	958	185%	Okay	Okay	Okay	958
	East	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
		Out	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
						1849	1535	3929	4.87%	1759	95%	4129	4019	4074	4074	220%	Okay	Okay	Okay	4112

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
FOOTHILL/ EB MC ANDREWS RAMPS	South	In	65	885	2	408	1011	1005	952
		Out	1	518	347	357	951	866	866
	West	In	72	1	347	48	224	433	420
		Out	65	2	121	33	204	188	188
	North	In	0	518	121	308	726	656	639
		Out	72	885	0	375	807	958	958
	East	In	1	2	0	3	3	3	3
		Out	0	1	2	3	3	3	3
						1535	3929	4112	4030

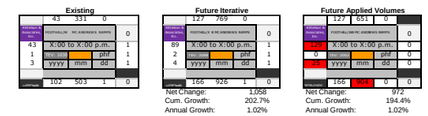


413

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method / Future/Base)	Difference (Ex. + Difference Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor (Year)	Removed Link New Link Test	Removed Link Test	Check Summary	Volume Override
FOOTHILL/ WB MC ANDREWS RAMPS	South	In	102	503	1	606	375	726	2.93%	408	67%	1079	924	1001	1001	165%	Okay	Okay	Okay	1001
		Out	1	331	3	335	308	807	5.06%	355	106%	762	787	775	775	231%	Okay	Okay	Okay	775
	West	In	43	1	3	47	51	98	2.88%	55	118%	83	90	86	86	184%	Okay	Okay	Okay	86
		Out	102	1	43	146	83	212	4.86%	95	65%	325	263	294	294	202%	Okay	Okay	Okay	294
	North	In	0	331	43	374	392	939	4.36%	443	119%	792	870	831	831	222%	Okay	Okay	Okay	831
		Out	43	503	1	547	426	905	3.51%	471	86%	1051	981	1016	1016	186%	Okay	Okay	Okay	1016
	East	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
		Out	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%	Okay	Okay	Okay	3
						2061	1641	3693	3.91%	1833	89%	4152	3921	4036	4036	196%	Okay	Okay	Okay	4010

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
FOOTHILL/ WB MC ANDREWS RAMPS	South	In	166	926	1	375	726	1001	1094
		Out	1	769	4	308	807	775	775
	West	In	89	2	4	51	98	86	94
		Out	166	1	127	83	212	294	294
	North	In	0	769	127	392	939	831	896
		Out	89	926	1	426	905	1016	1016
	East	In	1	1	1	3	3	3	3
		Out	0	2	1	3	3	3	3
						1641	3693	4010	4176

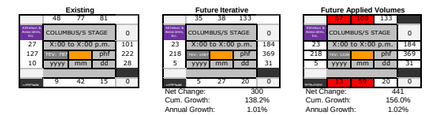


430

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method / Future/Base)	Difference (Ex. + Difference Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor (Year)	Removed Link New Link Test	Removed Link Test	Check Summary	Volume Override
COLUMBUS/ S STAGE	South	In	9	42	15	66	58	43	-0.81%	57	86%	50	52	51	51	78%	Okay	Okay	Okay	51
		Out	28	77	10	115	132	85	-1.11%	128	111%	77	72	75	75	65%	Okay	Okay	Okay	75
	West	In	27	127	10	164	146	227	1.73%	154	94%	242	237	240	240	146%	Okay	Okay	Okay	240
		Out	9	222	48	279	252	392	1.74%	265	95%	413	406	409	409	147%	Okay	Okay	Okay	409
	North	In	81	77	48	206	201	196	-0.08%	201	97%	201	201	201	201	98%	Okay	Okay	Okay	201
		Out	27	42	101	170	121	181	1.55%	127	74%	243	224	234	234	137%	Okay	Okay	Okay	234
	East	In	28	222	101	351	277	503	2.55%	298	85%	592	556	574	574	164%	Okay	Okay	Okay	574
		Out	81	127	15	223	158	299	2.79%	171	77%	389	351	370	370	166%	Okay	Okay	Okay	370
						1574	1345	1926	1.35%	1399	89%	2166	2101	2133	2133	136%	Okay	Okay	Okay	2154

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
COLUMBUS/ S STAGE	South	In	5	27	20	58	43	51	52
		Out	31	38	5	132	85	75	75
	West	In	23	218	5	146	227	240	246
		Out	5	369	35	252	392	409	409
	North	In	133	38	35	201	196	201	206
		Out	23	27	184	121	181	234	234
	East	In	31	369	184	277	503	574	584
		Out	133	218	20	158	299	370	370
						1345	1926	2154	2175

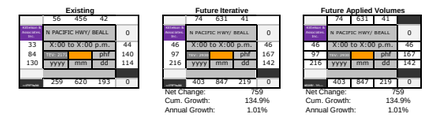


437

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method / Future/Base)	Difference (Ex. + Difference Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor (Year)	Removed Link New Link Test	Removed Link Test	Check Summary	Volume Override
N PACIFIC HWY/ BEALL	South	In	259	620	193	1072	1214	1684	1.21%	1258	117%	1435	1498	1466	1466	137%	Okay	Okay	Okay	1466
		Out	114	456	130	700	632	942	1.53%	661	94%	997	981	989	989	141%	Okay	Okay	Okay	989
	West	In	33	84	130	247	203	317	1.75%	214	87%	366	350	358	358	145%	Okay	Okay	Okay	358
		Out	259	140	56	455	413	617	1.54%	432	95%	650	640	645	645	142%	Okay	Okay	Okay	645
	North	In	42	456	56	554	439	629	1.35%	457	82%	763	726	745	745	134%	Okay	Okay	Okay	745
		Out	33	620	44	697	687	957	1.23%	712	102%	936	942	939	939	135%	Okay	Okay	Okay	939
	East	In	114	140	44	298	233	288	0.74%	238	80%	360	348	354	354	119%	Okay	Okay	Okay	354
		Out	42	84	193	319	358	402	0.38%	362	114%	354	359	357	357	112%	Okay	Okay	Okay	357
						4342	4179	5836	1.24%	4334	100%	5846	5844	5845	5845	135%	Okay	Okay	Okay	5853

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
N PACIFIC HWY/ BEALL	South	In	403	847	219	1214	1684	1466	1469
		Out	142	631	216	632	942	989	989
	West	In	46	97	216	203	317	358	359
		Out	403	167	74	413	617	645	645
	North	In	41	631	74	439	629	745	746
		Out	46	847	46	687	957	939	939
	East	In	142	167	46	233	288	354	355
		Out	41	97	219	358	402	357	357
						4179	5836	5853	5859

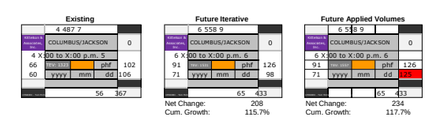


803

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Base to Future Model Growth Factor	Adjusted Base Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method / Future/Base)	Difference (Ex. + Difference Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor (Year)	Removed Link New Link Test	Removed Link Test	Check Summary	Volume Override
COLUMBUS/ JACKSON	South	In	56	367	59	482	627	721	0.47%	636	132%	547	567	557	557	116%	Okay	Okay	Okay	557
		Out	106	487	60	653	879	973	0.33%	888	136%	716	738	727	727	111%	Okay	Okay	Okay	727
	West	In	4	66	60	130	67	96	1.35%	70	54%	179	156	168	168	129%	Okay	Okay	Okay	168
		Out	56	102	4	162	111	143	0.90%	114	70%	203	191	197	197	122%	Okay	Okay	Okay	197
	North	In	7	487	4	498	805	911	0.41%	815	164%	557	594	575	575	116%	Okay	Okay	Okay	575
		Out	4	367	5	376	591	686	0.50%	600	160%	430	462	446	446	119%	Okay	Okay	Okay	446
	East	In	106	102	5	213	179	197	0.31%	181	85%	232	229	231	231	108%	Okay	Okay	Okay	231
		Out	7	66	59	132	97	124	0.87%	100	75%	164	156	160	160	122%	Okay	Okay	Okay	160
						2646	3356	3851	0.46%	3402	129%	2995	3095	3045	3045	115%	Okay	Okay	Okay	3061

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
COLUMBUS/ JACKSON	South	In	65	433	60	627	721	557	559
		Out	98	558	71	879	973	727	727
	West	In	6	91	71	67	96	168	168
		Out	65	126	6	111	143	197	197
	North	In	9	558	6	805	911	575	573
		Out	6	433	6	591	686	446	446
	East	In	98	126	6	179	197	231	231
		Out	9	91	60	97	124	160	160
						3356	3851	3061	3061



821

821 Final Volumes

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Future Model Growth Factor	Base to Future Model Volumes	Adjusted Base Model	Base Model: Existing Volume	Ratio Method (Existing * Future/Base)	Difference (Existing * Method (Ex. + Difference Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
MCLOUGHLIN/ DELTA WATERS	South	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	3	100%	Okay	Okay	Okay	3
		Out	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	3	100%	Okay	Okay	Okay	3
	West	In	11	241	1	253	150	128	-0.46%	148	58%	219	233	226	226	226	89%	Okay	Okay	Okay	226
		Out	1	154	10	165	91	87	-0.14%	91	55%	158	161	160	160	160	97%	Okay	Okay	Okay	160
	North	In	6	1	10	17	17	17	0.00%	17	100%	17	17	17	17	17	100%	Okay	Okay	Okay	17
		Out	11	1	15	27	27	27	0.00%	27	100%	27	27	27	27	27	100%	Okay	Okay	Okay	27
	East	In	1	154	15	170	69	55	-0.63%	68	40%	138	157	148	148	148	87%	Okay	Okay	Okay	148
		Out	6	241	1	248	100	75	-0.78%	98	39%	190	225	208	208	208	84%	Okay	Okay	Okay	208
						886	460	395	-0.44%	454	51%	771	827	799	799	799	90%	Okay	Okay	Okay	791

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
MCLOUGHLIN/ DELTA WATERS	South	In	2	1	1	3	3	3	3
		Out	1	1	2	3	3	3	3
	West	In	17	204	2	150	128	226	223
		Out	2	145	14	91	87	160	160
	North	In	3	1	14	17	17	17	18
		Out	17	1	9	27	27	27	27
	East	In	1	145	9	69	55	148	154
		Out	3	204	1	100	75	208	208
						460	395	791	796

Existing

	10	1	6
Approach Volume	MCLOUGHLIN/DELTA WATERS		0
11	X:00 to X:00 p.m.		15
241	Approach Volume	phf	154
1	yyyy	mm	dd	1
	1	1	1	0

Future Iterative

	14	1	3
Approach Volume	MCLOUGHLIN/DELTA WATERS		0
17	X:00 to X:00 p.m.		9
204	Approach Volume	phf	145
2	yyyy	mm	dd	1
	2	1	1	0

Net Change: -45
Cum. Growth: 89.8%
Annual Growth: 1.00%

Future Applied Volumes

	14	0	3	0
Approach Volume	MCLOUGHLIN/DELTA WATERS		0
17	X:00 to X:00 p.m.		226
204	Approach Volume	phf	160
0	yyyy	mm	dd	0
	0	0	0	0

Net Change: 196
Cum. Growth: 144.2%
Annual Growth: 1.01%

824

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Future Model Growth Factor	Base to Future Model Volumes	Adjusted Base Model	Base Model: Existing Volume	Ratio Method (Existing * Future/Base)	Difference (Existing * Method (Ex. + Difference Future - Base)	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume	Growth Factor Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
SUNRISE/ JACKSON	South	In	9	236	1	246	154	326	3.49%	170	69%	471	402	437	437	437	177%	Okay	Okay	Okay	437
		Out	2	172	7	181	93	186	3.13%	102	56%	331	265	298	298	298	165%	Okay	Okay	Okay	298
	West	In	213	352	7	572	140	258	2.63%	151	26%	977	679	828	679	679	119%	Okay	Okay	Okay	679
		Out	9	314	26	349	76	177	4.15%	85	24%	723	441	582	441	441	126%	Okay	Okay	Okay	441
	North	In	211	172	26	409	291	413	1.31%	302	74%	559	520	539	539	539	132%	Okay	Okay	Okay	539
		Out	213	236	130	579	346	577	2.09%	368	63%	909	788	849	849	849	147%	Okay	Okay	Okay	849
	East	In	2	314	130	446	210	375	2.46%	225	51%	742	596	669	669	669	150%	Okay	Okay	Okay	669
		Out	211	352	1	564	278	432	1.73%	292	52%	833	704	768	768	768	136%	Okay	Okay	Okay	768
						3346	1588	2744	2.27%	1696	51%	5412	4394	4903	4903	4903	147%				4679

824

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
SUNRISE/ JACKSON	South	In	11	426	3	154	326	437	440
		Out	9	277	13	93	186	298	298
	West	In	175	503	13	140	258	679	691
		Out	11	416	13	76	177	441	441
	North	In	262	277	13	291	413	539	551
		Out	175	426	248	346	577	849	849
	East	In	9	416	248	210	375	669	673
		Out	262	503	3	278	432	768	768

Existing

	26	172	211
Approach Volume	SUNRISE/JACKSON		0
213	X:00 to X:00 p.m.		130
352	Approach Volume	phf	314
7	yyyy	mm	dd	2
	9	236	1	0

Future Iterative

	13	277	262
Approach Volume	SUNRISE/JACKSON		0
175	X:00 to X:00 p.m.		248
503	Approach Volume	phf	416
13	yyyy	mm	dd	9
	11	426	3	0

Net Change: 683
Cum. Growth: 140.8%
Annual Growth: 1.01%

Future Applied Volumes

	26	277	262	
Approach Volume	SUNRISE/JACKSON		0
213	X:00 to X:00 p.m.		248
503	Approach Volume	phf	416
13	yyyy	mm	dd	9
	11	426	3	0

Net Change: 823
Cum. Growth: 149.2%
Annual Growth: 1.01%

Note: The NCHRP methodology was not used due to significant discrepancies between adjacent locations and links within the interchange area. As separately detailed within the 12/27/2016 memo, a 2% annual growth rate was instead applied to the 2015 traffic volumes.

Project #:	17342
Project Name:	Medford TSP/UGB Amendment
City, State:	Medford, Oregon
Scenario:	
Date:	5/16/2016
Filename/Path	C:\Users\jbessman\Desktop\Medford_NCHRPSpreadsheet.xlsm
Prepared By:	
Existing Count Year:	2015
Base Model Year	2010
Future Model Year	2038

Year 1	2015
Year 2	2038
Diff	23
Annual Growth	1.015
Total Growth	1.408

826

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Future Model Growth Factor	Base to Future Model Volumes	Adjusted Base Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Future/Base) Future - Base)	Difference	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume)	Growth Factor (From Ex. Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
I-5/ Garfield Street (SM)	South	In	316	0	169	485	1054	790	-0.89%	1007	208%	381	268	324	324	67%		Okay	Okay	Okay	324
		Out	279	0	326	605	1161	893	-0.82%	1113	184%	485	385	435	435	72%		Okay	Okay	Okay	435
	West	In	695	416	326	1437	1196	1011	-0.55%	1163	81%	1249	1285	1267	1267	88%		Okay	Okay	Okay	1267
		Out	316	505	763	1584	942	1010	0.26%	954	60%	1677	1640	1658	1658	105%		Okay	Okay	Okay	1658
	North	In	504	0	763	1267	855	1010	0.65%	883	70%	1450	1394	1422	1422	112%		Okay	Okay	Okay	1422
		Out	695	0	607	1302	939	876	-0.24%	928	71%	1229	1250	1240	1240	95%		Okay	Okay	Okay	1240
	East	In	279	505	607	1391	1424	1017	-1.02%	1351	97%	1047	1057	1052	1052	76%		Okay	Okay	Okay	1052
		Out	504	416	169	1089	1487	1048	-1.05%	1409	129%	810	728	769	769	71%		Okay	Okay	Okay	769
						9160	9058	7655	-0.55%	8807	96%	7961	8008	7984	7984	87%		Okay	Okay	Okay	8168

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
I-5/ Garfield Street (SM)	South	In	245	0	82	1054	790	324	327
		Out	171	0	264	1161	893	435	435
	West	In	746	269	264	1196	1011	1267	1279
		Out	245	397	1016	942	1010	1658	1658
	North	In	419	0	1016	855	1010	1422	1435
		Out	746	0	494	939	876	1240	1240
	East	In	171	397	494	1424	1017	1052	1061
		Out	419	269	82	1487	1048	769	769
						9058	7655	8168	8205

Manual Overrides andChecks

Existing

	763	0	504
Intersection No.	I-5/Garfield Street (SM)		0
695	X:00 to X:00 p.m.		607
416	Year Left	Year Thru	phf 505
326	yyyy mm	dd	279
	316	0	169	0

Future Iterative

	1016	0	419
Intersection No.	I-5/Garfield Street (SM)		0
980	X:00 to X:00 p.m.		494
585	Year Left	Year Thru	phf 392
460	yyyy mm	dd	171
	245	0	82	0

Net Change: -477
Cum. Growth: 89.6%
Annual Growth: 1.00%

Future Applied Volumes

	1075	0	710
Intersection No.	I-5/Garfield Street (SM)		0
980	X:00 to X:00 p.m.		855
585	Year Left	Year Thru	826 phf 710
460	yyyy mm	dd	395
	445	0	240	0

Net Change: 1,875
Cum. Growth: 140.9%
Annual Growth: 1.02%

827

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link Volume	Base to Future Model Volumes	Adjusted Base Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Future/Base) Future - Base)	Difference	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume)	Growth Factor (From Ex. Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
CENTER DRIVE/ GARFIELD STREET	South	In	0	1	2	3	81	246	10.83%	94	3135%	8	155	81	81	2714%		Okay	Okay	Okay	81
		Out	2	3	1	6	51	164	7.91%	71	1186%	14	99	56	56	939%		Okay	Okay	Okay	56
	West	In	187	899	1	1087	1009	817	-0.68%	975	90%	911	929	920	920	85%		Okay	Okay	Okay	920
		Out	0	1069	258	1327	805	862	0.25%	815	61%	1403	1374	1389	1389	105%		Okay	Okay	Okay	1389
	North	In	536	3	258	797	231	274	0.66%	239	30%	915	832	874	832	104%		Okay	Okay	Okay	832
		Out	187	1	513	701	191	310	2.23%	212	30%	1024	799	911	799	114%		Okay	Okay	Okay	799
	East	In	2	1069	513	1584	942	1010	0.26%	954	60%	1677	1640	1658	1658	105%		Okay	Okay	Okay	1658
		Out	536	899	2	1437	1196	1011	-0.55%	1163	81%	1249	1285	1267	1267	88%		Okay	Okay	Okay	1267
						6942	4486	4694	0.17%	4523	65%	7204	7113	7159	7159	103%		Okay	Okay	Okay	7003

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
CENTER DRIVE/ GARFIELD STREET	South	In	0	33	49	61	246	81	82
		Out	17	30	9	51	164	56	56
	West	In	201	715	9	1009	817	920	925
		Out	0	1086	303	805	862	1389	1389
	North	In	503	30	303	231	274	832	837
		Out	201	33	564	191	310	799	799
	East	In	17	1086	564	942	1010	1658	1667
		Out	503	715	49	1196	1011	1267	1267
						4486	4694	7003	7021

Existing

	258	3	536
Intersection No.	CENTER DRIVE/GARFIELD STREET		0
187	X:00 to X:00 p.m.		513
899	Year Left	Year Thru	phf 1069
1	yyyy mm	dd	2
	0	1	2	0

Future Iterative

	303	32	563
Intersection No.	CENTER DRIVE/GARFIELD STREET		0
201	X:00 to X:00 p.m.		564
715	Year Left	Year Thru	phf 1086
9	yyyy mm	dd	17
	0	33	49	0

Net Change: 40
Cum. Growth: 101.1%
Annual Growth: 1.00%

Future Applied Volumes

	265	3	255
Intersection No.	CENTER DRIVE/GARFIELD STREET		0
265	X:00 to X:00 p.m.		720
1265	Year Left	Year Thru	824 phf 1505
0	yyyy mm	dd	5
	0	0	5	0

Net Change: 1,419
Cum. Growth: 140.9%
Annual Growth: 1.02%

83

Intersection Name	Leg	Movement	Left	Thru	Right	Volume	Link Volume	Link volume	Future Model	Model	Existing	(Existing * Method (Ex. +	Ratio &	Volume	(From Ex.	New Link Test	Test	Summary	Override
STEWART AVENUE/ BARNETT ROAD	South	In	188	1	310	499	378	629	2.37%	423	85%	742	705	724	724	145%		Okay	Okay	Okay	724
		Out	281	1	188	470	373	853	4.60%	459	98%	874	864	869	869	185%		Okay	Okay	Okay	869
	West	In	1	386	188	575	578	545	-0.20%	572	99%	548	548	548	548	95%		Okay	Okay	Okay	548
		Out	188	497	1	686	607	410	-1.16%	572	83%	492	524	508	508	74%		Okay	Okay	Okay	508
	North	In	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%		Okay	Okay	Okay	3
		Out	1	1	1	3	3	3	0.00%	3	100%	3	3	3	3	100%		Okay	Okay	Okay	3
	East	In	281	497	1	779	943	991	0.18%	952	122%	811	818	815	815	105%		Okay	Okay	Okay	815
		Out	1	386	310	697	920	1350	1.67%	997	143%	944	1050	997	997	143%		Okay	Okay	Okay	997
						3712	3805	4784	0.92%	3980	107%	4462	4516	4489	4489	121%		Okay	Okay	Okay	4467

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Link Volume	Link Volume	Future	Volume
STEWART AVENUE/ BARNETT ROAD	South	In	182	1	640	378	629	724	823
		Out	601	2	266	373	853	869	869
	West	In	1	356	266	578	545	548	623
		Out	182	325	1	607	410	508	508
	North	In	1	2	1	3	3	3	3
		Out	1	1	1	3	3	3	3
	East	In	601	325	1	943	991	815	927
		Out	1	356	640	920	1350	997	997
						3805	4784	4467	4755

Existing

	0	0	0
Intersection No.	STEWART AVENUE/BARNETT ROAD		0
0	X:00 to X:00 p.m.		0
386	Year Left	Year Thru	phf 497
188	yyyy mm	dd	281
	188	0	310	0

Future Iterative

	1	2	1
Intersection No.	STEWART AVENUE/BARNETT ROAD		0
1	X:00 to X:00 p.m.		1
356	Year Left	Year Thru	phf 325
266	yyyy mm	dd	601
	182	1	640	0

Net Change: 527
Cum. Growth: 128.5%
Annual Growth: 1.01%

Future Applied Volumes

	0	0	0
Intersection No.	STEWART AVENUE/BARNETT ROAD		0
0	X:00 to X:00 p.m.		0
545	Year Left	Year Thru	80 phf 700
265	yyyy mm	dd	395
	265	0	435	0

Net Change: 755
Cum. Growth: 140.8%
Annual Growth: 1.01%

84

Intersection Name	Leg	Movement	Left	Thru	Right	Volume	Link Volume	Link volume	Future Model	Model	Existing	(Existing * Method (Ex. +	Ratio &	Volume	(From Ex.	New Link Test	Test	Summary	Override
RIVERSIDE AVENUE/ STEWART AVENUE	South	In	357	991	31	1379	598	1389	4.72%	739	54%	2591	2029	2310	2310	168%		Okay	Okay	Okay	2310
		Out	57	778	150	985	683	1125	0.98%	926	94%	1196	1184	1190	1190	121%		Okay	Okay	Okay	1190
	West	In	271	437	150	858	486	646	1.18%	515	60%	1077	989	1033	1033	120%		Okay	Okay	Okay	1033
		Out	357	326	69	752	648	944	1.63%	701	93%	1013	995	1004	1004	134%		Okay	Okay	Okay	1004
	North	In	208	778	69	1055	805	1031	1.00%	845	80%	1287	1241	1264	1264	120%		Okay	Okay	Okay	1264
		Out	271	991	46	1308	510	1336	5.78%	658	50%	2658	1987	2322	2322	178%		Okay	Okay	Okay	2322
	East	In	57	326	46	429	593	1284	4.16%	716	167%	769	997	883	883	206%		Okay	Okay	Okay	883
		Out	208	437	31	676	441	945	4.08%	531	79%	1203	1090	1147	1147	170%		Okay	Okay	Okay	1147
						7442	4964	8700	2.69%	5631	76%	11498	10511	11004	11004	148%		Okay	Okay	Okay	11152

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Link Volume	Link Volume	Future	Volume
RIVERSIDE AVENUE/ STEWART AVENUE	South	In	377	1910	94	598	1389	2310	2380
		Out	177	874	138	883	1125	1190	1190
	West	In	262	666	138	486	646	1033	1067
		Out	377	583	45	648	944	1004	1004
	North	In	386	874	45	805	1031	1264	1305
		Out	262	1910	150	510	1336	2322	2322
	East	In	177	583	150	593	1284	883	910
		Out	386	666	94	441	945	1147	1147
						4964	8700	11152	11326

Existing

	69	778	208
Intersection No.	RIVERSIDE AVENUE/STEWART AVENUE		0
271	X:00 to X:00 p.m.		46
437	Year Left	Year Thru	phf 326
150	yyyy mm	dd	57
	357	991	31	0

Future Iterative

	45	874	386
Intersection No.	RIVERSIDE AVENUE/STEWART AVENUE		0
262	X:00 to X:00 p.m.		150
666	Year Left	Year Thru	phf 583
138	yyyy mm	dd	177
	377	1910	94	0

Net Change: 1,942
Cum. Growth: 152.2%
Annual Growth: 1.02%

Future Applied Volumes

	95	1095	295
Intersection No.	RIVERSIDE AVENUE/STEWART AVENUE		0
380	X:00 to X:00 p.m.		65
615	Year Left	Year Thru	84 phf 460
210	yyyy mm	dd	80
	505	1395	45	0

Net Change: 1,519
Cum. Growth: 140.8%
Annual Growth: 1.01%

85

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Future Model Growth Factor	Base to Future Model Volumes	Adjusted Base Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Future/Base) Future - Base)	Difference	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume)	Growth Factor (From Ex. Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
CENTER DRIVE/ STEWART AVENUE	South	In	160	103	145	408	375	336	-0.37%	368	90%	372	376	374	374	92%		Okay	Okay	Okay	374
		Out	309	119	169	597	303	576	3.22%	352	59%	978	821	899	899	151%		Okay	Okay	Okay	899
	West	In	53	183	169	405	429	1009	4.83%	533	131%	767	881	824	824	204%		Okay	Okay	Okay	824
		Out	160	147	21	328	548	940	2.55%	618	188%	499	650	574	574	175%		Okay	Okay	Okay	574
	North	In	64	119	21	204	190	163	-0.51%	185	91%	180	182	181	181	89%		Okay	Okay	Okay	181
		Out	53	103	32	188	136	109	-0.71%	131	70%	156	166	161	161	86%		Okay	Okay	Okay	161
	East	In	309	147	32	488	373	853	4.60%	459	94%	907	882	895	895	183%		Okay	Okay	Okay	895
		Out	64	183	145	392	378	629	2.37%	423	108%	583	598	591	591	151%		Okay	Okay	Okay	591
						3010	2732	4615	2.46%	3068	102%	4527	4557	4542	4542	151%		Okay	Okay	Okay	4500

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Link Volume	Link Volume	Future	Volume
CENTER DRIVE/ STEWART AVENUE	South	In	188	54	125	375	336	374	366
		Out	480	93	326	303	576	899	899
	West	In	72	408	326	429	1009	824	807
		Out	188	361	26	548	940	574	574
	North	In	58	93	26	190	163	181	177
		Out	72	54	35	136	109	161	161
	East	In	480	361	35	373	853	895	876
		Out	58	408	125	378	629	591	591
						2732	4615	4500	4451

Existing

	21	119	64
Intersection No.	CENTER DRIVE/STEWART AVENUE		0
53	X:00 to X:00 p.m.		32
183	Year Left	Year Thru	phf 147
169	yyyy mm	dd	309
	160	103	145	0

Future Iterative

	26	93	58
Intersection No.	CENTER DRIVE/STEWART AVENUE		0
72	X:00 to X:00 p.m.		35
408	Year Left	Year Thru	phf 361
326	yyyy mm	dd	480
	188	54	125	0

Net Change: 721
Cum. Growth: 147.9%
Annual Growth: 1.02%

Future Applied Volumes

	30	170	90
Intersection No.	CENTER DRIVE/STEWART AVENUE		0
75	X:00 to X:00 p.m.		45
260	Year Left	Year Thru	83 phf 205
240	yyyy mm	dd	435
	225	145	205	0

Net Change: 620
Cum. Growth: 141.2%
Annual Growth: 1.02%

87

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Future Model Growth Factor	Base to Future Model Volumes	Adjusted Base Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Future/Base) Future - Base)	Difference	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume)	Growth Factor (From Ex. Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
S. PACIFIC HWY/ GARFIELD STREET	South	In	45	547	249	841	708	1528	4.14%	854	102%	1504	1515	1509	1509	179%		Okay	Okay	Okay	1509
		Out	483	452	37	972	738	1341	2.92%	846	87%	1541	1467	1504	1504	155%		Okay	Okay	Okay	1504
	West	In	49	252	37	338	288	569	3.48%	338	100%	569	569	569	569	168%		Okay	Okay	Okay	569
		Out	45	390	6	441	340	536	2.06%	375	85%	630	602	616	616	140%		Okay	Okay	Okay	616
	North	In	252	452	6	710	883	1125	0.98%	926	130%	862	909	886	886	125%		Okay	Okay	Okay	886
		Out	49	547	202	798	598	1389	4.72%	739	93%	1499	1448	1474	1474	185%		Okay	Okay	Okay	1474
	East	In	483	390	202	1075	805	862	0.25%	815	76%	1137	1122	1129	1129	105%		Okay	Okay	Okay	1129
		Out	252	252	249	753	1009	817	-0.68%	975	129%	631	595	613	613	81%		Okay	Okay	Okay	613
						5928	5369	8167	1.86%	5869	99%	8250	8226	8238	8238	139%		Okay	Okay	Okay	8300

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Link Volume	Link Volume	Future	Volume
S. PACIFIC HWY/ GARFIELD STREET	South	In	152	1184	215	708	1528	1509	1550
		Out	556	787	161	738	1341	1504	1504
	West	In	139	285	161	288	569	569	585
		Out	152	454	11	340	536	616	616
	North	In	114	787	11	883	1125	886	911
		Out	139	1184	151	598	1389	1474	1474
	East	In	556	454	151	805	862	1129	1161
		Out	114	285	215	1009	817	613	613
						5369	8167	8300	8415

Existing

	6	452	252
Intersection No.	S. PACIFIC HWY/GARFIELD STREET		0
49	X:00 to X:00 p.m.		202
252	Year Left	Year Thru	phf 390
37	yyyy mm	dd	483
	45	547	249	0

Future Iterative

	11	787	114
Intersection No.	S. PACIFIC HWY/GARFIELD STREET		0
139	X:00 to X:00 p.m.		151
285	Year Left	Year Thru	phf 454
161	yyyy mm	dd	556
	152	1184	215	0

Net Change: 1,243
Cum. Growth: 141.9%
Annual Growth: 1.02%

Future Applied Volumes

	10	615	355
Intersection No.	S. PACIFIC HWY/GARFIELD STREET		0
70	X:00 to X:00 p.m.		285
355	Year Left	Year Thru	87 phf 550
- - -			- - -
	65	770	350	0

Net Change: 1,211
Cum. Growth: 140.9%
Annual Growth: 1.02%

90

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Future Model Growth Factor	Base to Future Model Volumes	Adjusted Base Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Future/Base) Future - Base)	Difference	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume)	Growth Factor (From Ex. Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
HIGHLAND DR/ BARNETT ROAD	South	In	127	557	405	1089	1477	1048	-1.04%	1400	129%	815	737	776	776	71%		Okay	Okay	Okay	776
		Out	853	322	216	1391	1411	1017	-1.00%	1341	96%	1055	1067	1061	1061	76%		Okay	Okay	Okay	1061
	West	In	165	315	216	696	921	1353	1.68%	998	143%	943	1051	997	997	143%		Okay	Okay	Okay	997
		Out	127	543	108	778	945	996	0.19%	954	123%	812	820	816	816	105%		Okay	Okay	Okay	816
	North	In	53	322	108	483	470	522	0.40%	479	99%	526	526	526	526	109%		Okay	Okay	Okay	526
		Out	165	557	73	795	642	653	0.06%	644	81%	806	804	805	805	101%		Okay	Okay	Okay	805
	East	In	853	543	73	1469	1433	1454	0.05%	1437	98%	1487	1486	1486	1486	101%		Okay	Okay	Okay	1486
		Out	53	315	405	773	1303	1712	1.12%	1376	178%	962	1109	1035	1035	134%		Okay	Okay	Okay	1035
						7474	8602	8755	0.06%	8629	115%	7583	7600	7591	7591	102%		Okay	Okay	Okay	7503

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
HIGHLAND DR/ BARNETT ROAD	South	In	50	388	324	1477	1048	776	763
		Out	671	258	132	1411	1017	1061	1061
	West	In	266	583	132	921	1353	997	980
		Out	50	637	129	945	996	816	816
	North	In	129	258	129	470	522	526	516
		Out	266	388	151	642	653	805	805
	East	In	671	637	151	1433	1454	1486	1458
		Out	129	583	324	1303	1712	1035	1035
						8602	8755	7503	7435

Existing

	108	322	53
Intersection No.	HIGHLAND DR/BARNETT ROAD		0
165	X:00 to X:00 p.m.		73
315	Year Left	Year Thru	phf 543
216	yyyy mm	dd	853
	127	557	405	0

Future Iterative

	129	258	129
Intersection No.	HIGHLAND DR/BARNETT ROAD		0
266	X:00 to X:00 p.m.		151
583	Year Left	Year Thru	phf 637
132	yyyy mm	dd	671
	50	388	324	0

Net Change: -19
Cum. Growth: 99.5%
Annual Growth: 1.00%

Future Applied Volumes

	150	455	75
Intersection No.	HIGHLAND DR/BARNETT ROAD		0
230	X:00 to X:00 p.m.		105
445	Year Left	Year Thru	90 phf 765
305	yyyy mm	dd	1200
	180	785	570	0

Net Change: 1,528
Cum. Growth: 140.9%
Annual Growth: 1.02%

92

Intersection Name	Leg	Movement	Left	Thru	Right	Existing Link Volume	Base Model Link Volume	Future Model Link volume	Future Model Growth Factor	Base to Future Model Volumes	Adjusted Base Volumes	Base Model: Existing Volume	Ratio Method (Existing * Method (Ex. + Future/Base) Future - Base)	Difference	Average of Ratio & Difference Method	Selected 255 (From Ex. Volume)	Growth Factor (From Ex. Count Year)	New Link Test	Removed Link Test	Check Summary	Volume Override
RIVERSIDE/ BARNETT ROAD	South	In	66	658	54	778	510	1336	5.78%	658	85%	1585	1457	1519	1519	195%		Okay	Okay	Okay	1519
		Out	134	733	67	934	805	1031	1.00%	845	91%	1139	1120	1129	1129	121%		Okay	Okay	Okay	1129
	West	In	110	138	67	315	569	378	-1.20%	535	170%	223	158	190	190	60%		Okay	Okay	Okay	190
		Out	66	173	57	296	507	487	-0.14%	503	170%	286	280	283	283	96%		Okay	Okay	Okay	283
	North	In	301	733	57	1091	1054	1456	1.36%	1126	103%	1411	1421	1416	1416	130%		Okay	Okay	Okay	1416
		Out	110	658	312	1080	925	1600	2.61%	1046	97%	1653	1634	1644	1644	152%		Okay	Okay	Okay	1644
	East	In	134	173	312	619	688	500	-0.98%	654	106%	473	465	469	469	76%		Okay	Okay	Okay	469
		Out	301	138	54	493	586	553	-0.20%	580	118%	470	466	468	468	95%		Okay	Okay	Okay	468
						5606	5644	7341	1.07%	5947	106%	6920	7000	6960	6960	124%		Okay	Okay	Okay	7118

Final Volumes

Int. Name	Approach	Movement	Left	Thru	Right	Base Model Link Volume	Future Model Link Volume	Initial 255 Future Volume	Adjusted Link Volume
RIVERSIDE/ BARNETT ROAD	South	In	103	1312	75	510	1336	1519	1491
		Out	96	993	41	805	1031	1129	1129
	West	In	77	68	41	569	378	190	187
		Out	103	110	69	507	487	283	283
	North	In	325	993	69	1054	1456	1416	1386
		Out	77	1312	254	925	1600	1644	1644
	East	In	96	110	254	688	500	469	460
		Out	325	68	75	586	553	468	468
						5644	7341	7118	7048

Existing

	57	733	301
Intersection No.	RIVERSIDE/BARNETT ROAD		0
110	X:00 to X:00 p.m.		312
138	Year Left	Year Thru	phf 173
67	yyyy mm	dd	134