

2020 OPTION 3 SCENARIO (OPTION 3C) --- (6:00-7:00 AM)
SOUTHBOUND I-5 ADJUSTED 2020 EMME/2 VOLUMES FOR OPERATIONS ANALYSIS

Revised 2-20-02

Column Indicator		A	B	C	D	E	F	G	H	
Calculation					[B * 28.4%]	[C * 28.4%]	[E - D]	[E/Seg. Tot.]	[A+(F Seg. Tot.*G)]	
Row No.		2020 Priority Baseline Adj. Demands	Priority Baseline	Option 3	Priority Baseline (6-7 am)	Option 3 (6-7 am)	Vol change Option 3 - Priority Baseline	% of segment growth (On/Off 2020 Emme/2)	2020 Option 3 Adj. Demands	
			2020 Emme/2 3-Hr Volume	2020 Emme/2 3-Hr Volume	2020 Emme/2 Hourly Volume	2020 Emme/2 Hourly Volume				
1	Segment 1	I-5 Mainline Start	1	3818	16643	17128	4727	4864	138	3955
2		I-205 OFF	2	1275	6190	5862	1758	1665	-93	1181
3		134th OFF	2a	331	829	1123	235	319	83	313
4		134th ON	3	699	2521	2489	716	707	-9	817
5		99th St. OFF	4	234	1096	1085	311	308	-3	217
6		99th St. ON	5	995	2788	3305	792	939	147	1152
7		78th St. OFF	6	321	1605	1627	456	462	6	295
8		78th St. ON	7	704	2196	1913	624	543	-80	795
9		Main St. OFF	8	581	2480	1908	704	542	-162	551
10		Main St. ON	9	634	1994	2432	566	691	124	750
11		39th St. OFF	10	198	777	681	221	193	-27	187
12		SR 500/39th ON	11	2366	6115	8623	1737	2449	712	2777
13		Segment Check		6276	19280	23604	5476	6704		7504
14		Segment Total ONs		5398	15614	18762	4434	5328	894	6292
15		Segment Total OFFs		2940	12977	12286	3685	3489	-196	2743
16	Segment 2	4th Plain OFF	12	610	3098	1548	880	440	-440	387
17		4th Plain ON	13	491	1360	1347	386	383	-4	592
18		Mill Plain OFF	14	745	2615	3268	743	928	185	818
19		Mill Plain ON	15	497	2190	2737	622	777	155	702
20		SR 14 OFF	16	499	869	1221	247	347	100	548
21		City Center OFF ¹	16a	0	0	1617	0	459	459	405
22		SR 14 ON	17	1313	3565	5582	1012	1585	573	1731
23		Segment Check		6724	19813	25616	5627	7275		8372
24		Segment Total ONs		2301	7115	9666	2021	2745	724	3025
25		Segment Total OFFs		1853	6582	7654	1869	2174	304	2158
26	Segment 3	Jantzen Beach OFF	18	343	4597	4230	1306	1201	-104	645
27		Jantzen Beach ON ²	19	438	2252	2074	640	589	-51	438
28		Marine Drive OFF	20	1107	3232	4037	918	1147	229	1395
29		Marine Drive ON	21	208	417	387	118	110	-9	139
30		Interstate Ave. OFF	22	778	1999	4059	568	1153	585	1067
31		Victory Blvd. ON	23	83	483	172	137	49	-88	53
32		Columbia Blvd. OFF	23a	374	187	1063	53	302	249	450
33		Columbia Blvd. ON	24	428	1606	932	456	265	-191	263
34		Lombard WB ON	25	261	708	217	201	62	-139	223
35		Lombard EB ON	26	345	972	908	276	258	-18	184
36		Portland Blvd. OFF	27	76	595	776	169	220	51	131
37		Portland Blvd. ON	28	584	962	664	273	189	-85	466
38		Segment Check		6393	16603	16805	4715	4773		6450
39		Segment Total ONs		2347	7400	5354	2102	1521	-581	1766
40		Segment Total OFFs		2678	10610	14165	3013	4023	1010	3688
41	Segment 4	Alberta St. OFF	29	483	1457	1171	414	333	-81	480
42		Alberta St. ON	30	655	997	1250	283	355	72	667
43		Going St. ON	31	245	1376	1383	391	393	2	259
44		I-405 OFF	32	1912	9411	9606	2673	2728	55	1890
45		Greeley ON	33	418	2357	2449	669	696	26	442
46		I-405 ON	34	826	2064	2026	586	575	-11	847
47		Broadway OFF	35	608	3384	3334	961	947	-14	601
48		I-84 OFF	37	923	1707	1725	485	490	5	919
49		Weidler ON	36	781	2510	2536	713	720	7	807
50		I-5 Mainline End	38	4622	9945	10644	2824	3023	199	4821
51		Segment Check		5393	9948	10613	2825	3014		5582
52		Segment Total ONs		2925	9304	9644	2642	2739	97	3022
53		Segment Total OFFs		3925	15959	15836	4532	4497	-35	3891

Notes:

1. New off-ramp added under this scenario at City Center.
2. The 2020 manual adjusted Option 3 volumes at Hayden Is. On-ramp was adjusted to equal the 2020 manually adjusted Priority Baseline volume based on the fact that all Hayden Is. traffic must use I-5 to leave Hayden Is. Therefore, the rest of the on-ramps in this section (Interstate Bridge to Portland Blvd.) were decreased the additional amount to account for the change.

Adjustments to New Off-ramp Volumes

City Center Off-ramp - Adjusted total off-ramp volume for 4th Plain, Mill Plain, and City Center based on 2020 Option 3 Emme/2 ramp %'s.

2020 Option 3 SB I-5