

**2020 PRIORITY BASELINE SCENARIO (OPTION 1D) --- (6:00-7:00 AM)**  
**SOUTHBOUND I-5 ADJUSTED 2020 EMME/2 VOLUMES FOR OPERATIONS ANALYSIS**

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.		1999 Existing Conditions (6-7 am) <sup>2</sup>	Emme/2 3-Hr Volume		Emme/2 Hourly Volume (6-7 am)		Vol change 2020 -2000 (Emme/2)	% of segment growth (On/Off 2020 Emme/2)	2020 Adj. Demands
			2000	2020	2000	2020			
1	I-5 Mainline Start	1	2850	13236	16643	3759	4727	968	
2	I-205 OFF	2	858	5735	6190	1629	1758	129	47.7%
3	134th OFF <sup>1</sup>	2a	275	1225	829	348	235	-112	6.4%
4	134th ON	3	586	2187	2521	621	716	95	16.1%
5	99th St. OFF	4	160	1205	1096	342	311	-31	8.4%
6	99th St. ON	5	870	2218	2788	630	792	162	17.9%
7	78th St. OFF	6	213	849	1605	241	456	215	12.4%
8	78th St. ON	7	606	1675	2196	476	624	148	14.1%
9	Main St. OFF	8	414	495	2480	141	704	564	19.1%
10	Main St. ON	9	545	3114	1994	884	566	-318	12.8%
11	39th St. OFF	10	146	389	777	110	221	110	6.0%
12	SR 500/39th ON	11	2093	3961	6115	1125	1737	612	39.2%
13	Segment Check		5485	16493	19280	4684	5476		
14	Segment Total ONs		4700	13155	15614	3736	4434	698	100.0%
15	Segment Total OFFs		2065	9898	12977	2811	3685	874	100.0%
16	4th Plain OFF	12	449	1178	3098	335	880	545	47.1%
17	4th Plain ON	13	455	1443	1360	410	386	-24	19.1%
18	Mill Plain OFF	14	609	3465	2615	984	743	-241	39.7%
19	Mill Plain ON	15	439	1922	2190	546	622	76	30.8%
20	SR 14 OFF	16	454	737	869	209	247	37	13.2%
21	SR 14 ON	17	1219	3087	3565	877	1012	136	50.1%
22	Segment Check		6086	17565	19813	4988	5627		
23	Segment Total ONs		2113	6452	7115	1832	2021	188	100.0%
24	Segment Total OFFs		1512	5380	6582	1528	1869	341	100.0%
25	Jantzen Beach OFF	18	228	2133	4597	606	1306	700	43.3%
26	Jantzen Beach ON	19	411	1990	2252	565	640	74	30.4%
27	Marine Drive OFF	20	1197	4682	3232	1330	918	-412	30.5%
28	Marine Drive ON	21	203	189	417	54	118	65	5.6%
29	Interstate Ave. OFF	22	898	2709	1999	769	568	-202	18.8%
30	Victory Blvd. ON	23	77	226	483	64	137	73	6.5%
31	Columbia Blvd. OFF <sup>1</sup>	23a	0	0	187	0	53	53	1.8%
32	Columbia Blvd. ON	24	409	451	1606	128	456	328	21.7%
33	Lombard WB ON	25	253	1500	708	426	201	-225	9.6%
34	Lombard EB ON	26	334	1073	972	305	276	-29	13.1%
35	Portland Blvd. OFF	27	61	149	595	42	169	127	5.6%
36	Portland Blvd. ON	28	572	1658	962	471	273	-198	13.0%
37	Segment Check		5960	14979	16603	4254	4715		
38	Segment Total ONs		2258	7087	7400	2013	2102	89	100.0%
39	Segment Total OFFs		2384	9673	10610	2747	3013	266	100.0%
40	Alberta St. OFF	29	518	1198	1457	340	414	74	9.1%
41	Alberta St. ON	30	677	1201	997	341	283	-58	10.7%
42	Going St. ON	31	276	1532	1376	435	391	-44	14.8%
43	I-405 OFF	32	2136	9709	9411	2757	2673	-85	59.0%
44	Greeley ON	33	470	2351	2357	668	669	2	25.3%
45	I-405 ON	34	872	1769	2064	502	586	84	22.2%
46	Broadway OFF	35	689	3958	3384	1124	961	-163	21.2%
47	I-84 OFF	37	964	2436	1707	692	485	-207	10.7%
48	Weidler ON	36	837	3177	2510	902	713	-189	27.0%
49	I-5 Mainline End	38	4334	8930	9945	2536	2824	288	
50	Segment Check		4785	7708	9948	2189	2825		
51	Segment Total ONs		3132	10030	9304	2849	2642	-206	100.0%
52	Segment Total OFFs		4307	17301	15959	4913	4532	-381	100.0%

- Notes:**
1. New off-ramps added under this scenario include Columbia Blvd. Off-ramp and 134th Off-ramp.
  2. Adjusted as appropriate.

**Adjustments to New Off-ramp Volumes**  
 134th Off-ramp - Jan 99 volume for 134th off-ramp assumes a shift of 275 veh from the current I-205 to Hwy 99 off-ramp based on count information provided by RTC.  
 Columbia Blvd. Off-ramp - 2020 adj. demand volume based on volume shift from Marine Dr. and Interstate Ave. as well as induced trips into the I-5 corridor at Columbia Blvd.

**Southbound (Corridor Demand)**

	2020 Priority Baseline			2000 Existing Conditions			
	6-7	7-8	8-9	6-7	7-8	8-9	
	6459	7573	6762	5851	6760	6043	ramps only
	3474	3670	3693	2993	3026	3124	Mainline on
	9933	11244	10456	8843	9786	9167	Total

**Demand at Columbia River Bridge (Southbound)**

	2020 Priority Baseline			2000 Existing Conditions		
	6-7	7-8	8-9	6-7	7-8	8-9
	6724	6694	5632	6086	5840	4877

X

X

X

X

X

X

X

X

X

X

X

X

X

X