

2020 OPTION 3 SCENARIO (OPTION 3C) --- (2:00-3:00 PM)
NORTHBOUND I-5 ADJUSTED 2020 EMM/2 VOLUMES FOR OPERATIONS ANALYSIS
 Revised 2-20-02

Column Indicator		A	B	C	D	E	F	G	H
Calculation					[B * 20.6%]	[C * 20.6%]	[E - D]	[E/Seg. Tot.]	[A+(F Seg. Tot.*G)]
Row No.		2020 Priority Baseline Adj. Demands	Priority Baseline	Option 3	Priority Baseline (2-3 pm)	Option 3 (2-3 pm)	Vol change Option 3 - Priority Baseline	% of segment growth (On/Off 2020 Emme/2)	2020 Option 3 Adj. Demands
			2020 Emme/2 4-Hr Volume		2020 Emme/2 Hourly Volume				
1	I-5 Mainline Start	1	4190	14329	14827	2952	3054	103	
2	Weidler OFF	3	1583	6019	6086	1240	1254	14	33.8%
3	I-84 ON	2	1553	7407	7495	1526	1544	18	29.2%
4	Tillamook ON	4	1058	3525	3533	726	728	2	13.8%
5	I-405 OFF	5	1272	4100	3906	845	805	-40	21.7%
6	Greeley OFF	6	887	3612	3714	744	765	21	20.7%
7	I-405 ON	7	3055	12976	13348	2673	2750	77	52.0%
8	Skidmore OFF	8	1716	4285	4279	883	881	-1	23.8%
9	Going ON	9	482	498	130	103	27	-76	0.5%
10	Alberta ON	10	132	1171	1157	241	238	-3	4.5%
11	Segment Check		5013	21890	22505	4509	4636		
12	Segment total ONs		6281	25577	25663	5269	5287	18	100.0%
13	Segment total OFFs		5458	18016	17985	3711	3705	-6	100.0%
14	Portland Blvd. OFF	11	431	939	625	193	129	-65	12.9%
15	Portland Blvd. ON	12	154	1360	1310	280	270	-10	6.5%
16	Lombard St. EB OFF	13	300	1912	1375	394	283	-111	28.3%
17	Lombard St. WB OFF	14	290	1032	886	213	183	-30	18.2%
18	Columbia Blvd. OFF	15	609	2162	1500	445	309	-136	30.9%
19	Columbia Blvd. ON	15a	422	735	2065	151	425	274	10.3%
20	Victory Blvd. OFF ¹	16	232	915	250	188	52	-137	5.1%
21	Marine Dr. OFF	17	490	442	224	91	46	-45	4.6%
22	Denver/Delta ON ¹	18	720	4057	7305	836	1505	669	36.3%
23	Marine/Swift ON	19	973	4469	6202	921	1278	357	30.8%
24	Hayden Is. OFF ²	20	857	3252	4119	670	849	179	
25	Hayden Is. ON	21	828	3905	3242	804	668	-137	16.1%
26	Segment Check		4900	25762	33650	5307	6932		
27	Segment total ONs		3096	14526	20124	2992	4146	1153	100.0%
28	Segment total OFFs		3209	10654	8979	2195	1850	-345	100.0%
29	SR 14 OFF	22	1050	2959	5532	610	1140	530	24.7%
30	City Center OFF	23	419	2873	3554	592	732	140	15.8%
31	SR14 ON	24	876	1883	1423	388	293	-95	18.4%
32	Mill Plain/4th PI OFF	25	1247	3667	4682	755	964	209	20.9%
33	Mill Plain ON	26	1170	3480	3182	717	655	-61	41.1%
34	4th Plain ON	27	643	3259	3142	671	647	-24	40.6%
35	SR 500/39th OFF	28	1608	6403	8673	1319	1787	468	38.6%
36	Segment Check		3265	18482	18956	3807	3905		
37	Segment total ONs		2688	8622	7747	1776	1596	-180	100.0%
38	Segment total OFFs		4323	15902	22441	3276	4623	1347	100.0%
39	39th ON	29	445	1870	1680	385	346	-39	9.6%
40	Main St. OFF	30	738	2263	2728	466	562	96	17.9%
41	Main St. ON	31	362	3137	2742	646	565	-81	15.6%
42	78th St OFF	32	1002	3961	3802	816	783	-33	24.9%
43	78th St. ON	33	512	2808	2554	578	526	-52	14.5%
44	99th St. OFF	34	848	4321	3425	890	706	-185	22.5%
45	99th St. ON	35	392	2208	1804	455	372	-83	10.3%
46	134th St. OFF	36	839	5658	5284	1166	1089	-77	34.7%
47	134th St. ON	36a	450	1569	1919	323	395	72	10.9%
48	I-205 ON	37	1508	6998	6866	1442	1414	-27	39.1%
49	I-5 Mainline End	38	4268	20870	21283	4299	4384	85	
50	Segment Check		3506	20869	21282	4299	4384		
51	Segment total ONs		3668	18590	17565	3830	3618	-211	100.0%
52	Segment total OFFs		3427	16203	15239	3338	3139	-199	100.0%

Notes:

1. Manual adjustment required at Victory Blvd. Off-ramp and Denver/Delta On-ramp to modify Option 3 coded network.
2. The 2020 manual adjusted Option 3 volumes at Hayden Island Off-ramp was adjusted to equal the 2020 manually adjusted Priority Baseline volume based on the fact that all Hayden Island traffic must use I-5 to get to Hayden Island. Therefore, the rest of the off-ramps in this section (Portland Blvd to Interstate Bridge) were decreased the additional amount to account for the ch

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