

TABLE 1: 2020 BUILD AM AND PM ORIGIN BASED O-D TABLE

NORTHBOUND I-5 PM 4 HOUR FLOW RATES BY ROUTE AND ENTRY POINT

Entry and Exit Locations	EMME/2 Gate (From - To)	Emme/2		Manually Adjusted		Post-Processed	
		Volumes	%	Volumes	%	Volumes	%
NB I-5 Input Volume							
(South of Lombard Street)							
Lombard St. EB OFF	30-29	1398	6.0%	1398	5.9%	716	3.0%
Lombard St. WB OFF	30-28	879	3.8%	879	3.7%	525	2.2%
Columbia Blvd. OFF	30-26, 30-27	1457	6.3%	1457	6.1%	812	3.4%
Victory Blvd OFF	30-22,30-23,30-25,30-31	237	1.0%	237	1.0%	454	1.9%
Marine Drive/Expo OFF	30-16,30-17,30-18,30-20	221	1.0%	221	0.9%	907	3.8%
Hayden Island OFF	30-14, 30-15	1828	7.9%	2535	10.6%	1456	6.1%
SR 14 OFF	30-11	2251	9.7%	2251	9.4%	2960	12.4%
City Center OFF	30-10, 30-13	1362	5.9%	1362	5.7%	788	3.3%
Mill Plain OFF	30-7,30-8	1120	4.8%	1120	4.7%	1600	6.7%
Fourth Plain OFF	30-5,30-6	937	4.0%	937	3.9%	1337	5.6%
SR-500 OFF	30-4	2794	12.1%	2794	11.7%	3844	16.1%
39th St. OFF	30-2,30-3	256	1.1%	256	1.1%	310	1.3%
NB I-5 North of 39th St.	30-1	8429	36.4%	8429	35.3%	8165	34.2%
Columbia Blvd. ON Ramp Input Volume							
Victory Blvd OFF	6-23,26-25,26-31,27-22,27-23,27-2	10	0.5%	10	0.7%	11	0.8%
Marine Drive/Expo OFF	6-17,26-18,26-20,27-16,27-17,27-1	0	0.0%	0	0.0%	0	0.0%
Hayden Island OFF	26-14,26-15,27-14,27-15	863	43.1%	251	18.0%	188	13.5%
SR 14 OFF	26-11,27-11	156	7.8%	156	11.2%	198	14.2%
City Center OFF	26-10,26-13,27-10,27-13	210	10.5%	210	15.1%	177	12.7%
Mill Plain OFF	26-7,26-8,27-7,27-8	97	4.8%	97	7.0%	125	9.0%
Fourth Plain OFF	26-5,26-6,27-5,27-6	72	3.6%	72	5.2%	96	6.9%
SR-500 OFF	26-4, 27-4	180	9.0%	180	12.9%	241	17.3%
39th St. OFF	26-2,26-3,27-2,27-3	22	1.1%	22	1.6%	28	2.0%
NB I-5 North of 39th St.	26-1, 27-1	394	19.7%	394	28.3%	329	23.6%
Denver Ave. ON Ramp Input Volume							
Hayden Island OFF	24-14,24-15,25-14,25-15	708	13.8%	469	9.6%	250	5.1%
SR 14 OFF	24-11,25-11	910	17.7%	910	18.6%	1058	21.6%
City Center OFF	24-10,24-13,25-10,25-13	617	12.0%	617	12.6%	499	10.2%
Mill Plain OFF	24-7,24-8,25-7,25-8	321	6.2%	321	6.6%	421	8.6%
Fourth Plain OFF	24-5,24-6,25-5,25-6	279	5.4%	279	5.7%	362	7.4%
SR-500 OFF	24-4, 25-4	860	16.8%	860	17.6%	1077	22.0%
39th St. OFF	24-2,24-3,25-2,25-3	67	1.3%	67	1.4%	88	1.8%
NB I-5 North of 39th St.	24-1, 25-1	1373	26.7%	1373	28.0%	1141	23.3%
Victory ON Ramp Input Volume							
Hayden Island OFF	22-14,22-15,23-14,23-15	684	31.8%	366	20.0%	284	15.5%
SR 14 OFF	22-11,23-11	302	14.0%	302	16.5%	357	19.5%
City Center OFF	22-10,22-13,23-10,23-13	205	9.6%	205	11.2%	161	8.8%
Mill Plain OFF	22-7,22-8,23-7,23-8	141	6.5%	141	7.7%	178	9.7%
Fourth Plain OFF	22-5,22-6,23-5,23-6	107	5.0%	107	5.9%	139	7.6%
SR-500 OFF	22-4, 23-4	245	11.4%	245	13.4%	326	17.8%
39th St. OFF	22-2,22-3,23-2,23-3	31	1.4%	31	1.7%	38	2.1%
NB I-5 North of 39th St.	22-1, 23-1	434	20.2%	434	23.7%	348	19.0%
Marine Drive ON Ramp Input Volume							
Hayden Island OFF	6-14,16-15,17-14,17-15,19-14,19-1	32	0.5%	494	7.4%	195	2.9%
SR 14 OFF	16-11,17-11,19-11	1227	19.6%	1227	18.3%	1429	21.3%
City Center OFF	6-10,16-13,17-10,17-13,19-10,19-1	446	7.1%	446	6.6%	282	4.2%
Mill Plain OFF	16-7,16-8,17-7,17-8,19-7,19-8	606	9.7%	606	9.0%	738	11.0%
Fourth Plain OFF	16-5,16-6,17-5,17-6,19-5,19-6	463	7.4%	463	6.9%	577	8.6%
SR-500 OFF	16-4, 17-4,19-4	1086	17.4%	1086	16.2%	1382	20.6%
39th St. OFF	16-2,16-3,17-2,17-3,19-2,19-3	137	2.2%	137	2.0%	161	2.4%
NB I-5 North of 39th St.	16-1, 17-1,19-1	2252	36.0%	2252	33.6%	1946	29.0%
Hayden Island ON Ramp Input Volume							
SR 14 OFF	14-11,15-11	678	20.8%	678	20.8%	776	23.8%
City Center OFF	14-10,14-13,15-10,15-13	689	21.1%	689	21.1%	610	18.7%
Mill Plain OFF	14-7,14-8,15-7,15-8	244	7.5%	244	7.5%	310	9.5%
Fourth Plain OFF	14-5,14-6,15-5,15-6	242	7.4%	242	7.4%	297	9.1%
SR-500 OFF	14-4, 15-4	543	16.6%	543	16.6%	684	21.0%
39th St. OFF	14-2,14-3,15-2,15-3	53	1.6%	53	1.6%	65	2.0%
NB I-5 North of 39th St.	14-1, 15-1	810	24.9%	810	24.9%	518	15.9%
SR-14 ON Ramp Input Volume							
Mill Plain OFF	11-7, 11-8	57	4.0%	57	4.0%	86	6.0%
Fourth Plain OFF	11-5, 11-6	49	3.4%	49	3.4%	73	5.1%
SR-500 OFF	11-4	111	7.8%	111	7.8%	174	12.2%
39th St. OFF	11-2, 11-3	28	2.0%	28	2.0%	34	2.4%
NB I-5 North of 39th St.	11-1	1181	82.8%	1181	82.8%	1059	74.3%
Mill Plain ON Ramp Input Volume							
SR-500 OFF	7-4, 8-4	692	21.8%	692	21.8%	832	26.2%
39th St. OFF	7-2,7-3,8-2,8-3	32	1.0%	32	1.0%	44	1.4%
NB I-5 North of 39th St.	7-1, 8-1	2453	77.2%	2453	77.2%	2300	72.4%
Fourth Plain ON Ramp Input Volume							
SR-500 OFF	5-4, 6-4	1465	46.7%	1465	46.7%	1604	51.1%
39th St. OFF	5-2,5-3,6-2,6-3	42	1.3%	42	1.3%	53	1.7%
NB I-5 North of 39th St.	5-1, 6-1	1632	52.0%	1632	52.0%	1481	47.2%
39th St. ON Ramp Input Volume							
NB I-5 North of 39th St.	2-1, 3-1	1689	100.0%	1689	100.0%	1689	100.0%

SOUTHBOUND I-5 AM 3 HOUR FLOW RATES BY ROUTE AND ENTRY POINT

Entry and Exit Locations	EMME/2 Gate (From - To)	Emme/2		Manually Adjusted		Post-Processed	
		Volumes	%	Volumes	%	Volumes	%
SB I-5 Input Volume							
(North of 39th Street)							
39th St. OFF	1-2, 1-3	683	4.4%	683	4.4%	720	4.6%
4th Plain OFF	1-5, 1-6	528	3.4%	528	3.4%	611	3.9%
Mill Plain OFF	1-7, 1-8	1802	11.5%	1802	11.5%	1958	12.5%
SR 14 OFF	1-11	747	4.8%	747	4.8%	1002	6.4%
City Center OFF	1-12	951	6.1%	951	6.1%	987	6.3%
Hayden Island OFF	1-14, 1-15	1230	7.9%	1230	7.9%	360	2.3%
Marine Drive/Expo OFF	1-16,1-17,1-19	1501	9.6%	1501	9.6%	1206	7.7%
Denver/Victory OFF	1-21,1-22,1-23,1-24,1-31	967	6.2%	967	6.2%	736	4.7%
Columbia Blvd. OFF	1-26, 1-27	328	2.1%	328	2.1%	736	4.7%
SB I-5 South of Lombard St.	1-30	6926	44.2%	6926	44.2%	7346	46.9%
39th St. ON Ramp Input Volume							
4th Plain OFF	2-5,2-6,3-5,3-6	32	6.4%	32	6.4%	35	6.9%
Mill Plain OFF	2-7,2-8,3-7,3-8	56	11.1%	56	11.1%	61	12.0%
SR 14 OFF	2-11, 3-11	40	8.0%	40	8.0%	48	9.6%
City Center OFF	2-12,3-12	17	3.3%	17	3.3%	18	3.5%
Hayden Island OFF	2-14,2-15,3-14,3-15	53	10.5%	53	10.5%	25	4.9%
Marine Drive/Expo OFF	2-16,2-17,2-19,3-16,3-17,3-19	91	18.1%	91	18.1%	82	16.2%
Denver/Victory OFF	2-22,2-23,2-24,2-31,3-21,3-22,3-24	38	7.6%	38	7.6%	30	6.0%
Columbia Blvd. OFF	2-26,2-27,3-26,3-27	22	4.3%	22	4.3%	34	6.8%
SB I-5 South of Lombard St.	2-30, 3-30	155	30.6%	155	30.6%	172	34.1%
SR-500 ON Ramp Input Volume							
4th Plain OFF	4-5, 4-6	985	12.1%	985	12.1%	1022	12.6%
Mill Plain OFF	4-7, 4-8	1319	16.3%	1319	16.3%	1395	17.2%
SR 14 OFF	4-11	204	2.5%	204	2.5%	333	4.1%
City Center OFF	4-12	638	7.9%	638	7.9%	657	8.1%
Hayden Island OFF	4-14, 4-15	809	10.0%	809	10.0%	357	4.4%
Marine Drive/Expo OFF	4-16,4-17,4-19	873	10.8%	873	10.8%	722	8.9%
Denver/Victory OFF	4-21,4-22,4-23,4-24,4-31	703	8.7%	703	8.7%	576	7.1%
Columbia Blvd. OFF	4-26, 4-27	88	1.1%	88	1.1%	292	3.6%
SB I-5 South of Lombard St.	4-30	2494	30.7%	2494	30.7%	2758	34.0%
Fourth Plain ON Ramp Input Volume							
Mill Plain OFF	5-7,5-8,6-7,6-8	79	5.8%	79	5.8%	92	6.7%
SR 14 OFF	5-11, 6-11	31	2.2%	31	2.2%	52	3.8%
City Center OFF	5-12,6-12	61	4.4%	61	4.4%	63	4.6%
Hayden Island OFF	5-14,5-15,6-14,6-15	147	10.7%	147	10.7%	70	5.1%
Marine Drive/Expo OFF	5-16,5-17,5-19,6-16,6-17,6-19	266	19.4%	266	19.4%	241	17.5%
Denver/Victory OFF	5-22,5-23,5-24,5-31,6-21,6-22,6-24	173	12.6%	173	12.6%	151	11.0%
Columbia Blvd. OFF	5-26,5-27,6-26,6-27	59	4.3%	59	4.3%	94	6.8%
SB I-5 South of Lombard St.	5-30, 6-30	561	40.8%	561	40.8%	612	44.5%
Mill Plain ON Ramp Input Volume							
SR 14 OFF	7-11, 8-11	135	5.0%	135	5.0%	177	6.6%
City Center OFF	7-12,8-12	1	0.0%	1	0.0%	1	0.0%
Hayden Island OFF	7-14,7-15,8-14,8-15	682	25.5%	682	25.5%	533	19.9%
Marine Drive/Expo OFF	7-16,7-17,7-19,8-16,8-17,8-19	387	14.5%	387	14.5%	338	12.6%
Denver/Victory OFF	7-22,7-23,7-24,7-31,8-21,8-22,8-24	286	10.7%	286	10.7%	244	9.1%
Columbia Blvd. OFF	7-26,7-27,8-26,8-27	94	3.5%	94	3.5%	161	6.0%
SB I-5 South of Lombard St.	7-30, 8-30	1095	40.9%	1095	40.9%	1227	45.8%
City Center ON Ramp Input Volume							
Hayden Island OFF	9-14, 9-15	1199	44.3%	1199	44.3%	1048	38.7%
Marine Drive/Expo OFF	9-16,9-17,9-19	95	3.5%	95	3.5%	43	1.6%
Denver/Victory OFF	9-21,9-22,9-23,9-24,9-31	328	12.1%	328	12.1%	284	10.5%
Columbia Blvd. OFF	9-26, 9-27	19	0.7%	19	0.7%	87	3.2%
SB I-5 South of Lombard St.	9-30	1066	39.4%	1066	39.4%	1245	46.0%
SR-14 ON Ramp Input Volume							
Hayden Island OFF	11-14, 11-15	80	2.7%	80	2.7%	20	0.7%
Marine Drive/Expo OFF	11-16,11-17,11-19	875	30.0%	875	30.0%	819	28.1%
Denver/Victory OFF	11-21,11-22,11-23,11-24,11-31	794	27.3%	794	27.3%	749	25.7%
Columbia Blvd. OFF	11-26, 11-27	12	0.4%	12	0.4%	85	2.9%
SB I-5 South of Lombard St.	11-30	1153	39.6%	1153			