

Columbia River **CROSSING**

Travel Time Runs



Travel Time

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Travel Time

Introduction

This document summarizes the travel time runs along I-5 and I-205/I-84 corridors. Travel time runs for the PM peak were conducted on October 18, 2005 and AM peak runs were conducted on October 20, 2005.

How to Use this Document

This document contains travel times and speeds based on data collected during the Columbia River Crossing Data Collection Program. The I-5 travel time run covered the area from the Morrison Street Interchange to the 99th Street Interchange. The I-205/I-84 travel time run covered from the I-5 Morrison Street Interchange to the I-205 Padden Parkway Interchange.

Interstate 5 travel times and calculated average speeds are shown for each direction during both the AM and PM peak periods. I-205 and I-84 travel time runs follow and were conducted as one run and show both travel time and calculated average speeds.

I-5 Northbound Travel Time Summary - AM Peak

Node #	Length (feet)	Node Names	I-5-NB-004 10/20/2005 06:32	I-5 NB -005 10/20/2005 06:40	I-5-NB-007 10/20/2005 07:06	I-5-NB-002 10/20/2005 08:21	I-5-NB-006 10/20/2005 08:28	I-5-NB-001 10/20/2005 08:38	I-5-NB-008 10/20/2005 08:53	I-5-NB-003 10/20/2005 09:38	I-5-NB-009 10/20/2005 09:54	Average
Travel Time (in seconds)												
1	0	Morrison Street On	0	0	0	0	0	0	0	0	0	0
2	2566	I-84 On	71	100	81	72	41	51	42	38	36	59
3	1176	Weidler Off	22	24	29	29	19	25	18	16	17	22
4	2642	Broadway On	48	44	41	43	34	38	35	45	35	40
5	907	I-405 Off	15	15	14	16	12	12	12	20	13	14
6	828	Greely Ave Off	13	12	12	13	11	12	11	11	10	12
7	2565	I-405 On	30	32	37	34	32	34	36	33	31	33
8	1946	Going Street Off	23	22	28	28	22	27	28	24	25	25
9	908	Going Street On	10	11	12	12	10	12	14	10	11	11
10	2642	Alberta On	30	31	38	34	33	35	36	35	32	34
11	1411	Portland Blvd Off	16	17	19	19	18	18	18	17	17	18
12	1818	Portland Blvd On	22	20	23	24	21	21	24	23	23	22
13	880	Lombard EB Off	11	10	12	11	11	11	11	11	11	11
14	1029	Lombard WB Off	13	11	13	12	12	13	13	13	13	13
15	2880	Columbia Off	37	34	38	35	33	34	38	37	38	36
16	2526	Victory Blvd Off	35	29	34	29	31	30	33	28	32	31
17	1340	Marine Drive Off	17	16	17	16	16	16	17	16	17	16
18	1934	Interstate Ave / Victory On	24	22	26	21	22	23	27	21	25	23
19	2071	Marine Drive On	26	26	28	24	24	25	27	23	27	26
20	1128	Jantzen Beach Off	14	15	17	14	14	14	15	13	15	15
21	1287	Jantzen Beach On	16	18	19	16	15	17	17	15	17	17
I-5 Columbia River Bridge												
22	3750	SR 14 Off	51	50	52	46	47	49	50	49	52	50
23	580	City Center Off	8	7	7	8	7	9	7	8	8	8
24	1344	SR 14 On	16	17	17	16	15	17	16	17	17	16
25	1000	Mill Plain / 4th Plain Off	13	12	13	12	12	14	12	12	13	13
26	2500	Mill Plain On	30	31	31	30	30	31	29	30	30	30
27	2084	4th Plain On	25	24	29	26	25	26	26	24	24	25
28	1666	39th Street / SR 500 Off	19	20	22	21	19	20	20	19	19	20
29	2477	39th Street On	27	30	34	31	28	29	31	29	27	30
30	1302	Main Street Off	13	14	17	15	14	15	15	16	14	15
31	2707	Main Street On	28	28	33	32	31	31	32	30	29	30
32	4021	78th Street Off	48	46	52	56	45	52	52	49	45	49
33	3685	78th Street On	42	44	48	50	42	48	47	46	44	46
34	2047	99th Street Off	22	25	26	28	24	25	23	26	23	25
Total	63647	Total Time	835	857	919	873	770	834	832	804	790	835

I-5 Northbound Travel Time Summary - AM Peak

Node #	Length (feet)	Node Names	I-5-NB-004 10/20/2005 06:32	I-5 NB -005 10/20/2005 06:40	I-5-NB-007 10/20/2005 07:06	I-5-NB-002 10/20/2005 08:21	I-5-NB-006 10/20/2005 08:28	I-5-NB-001 10/20/2005 08:38	I-5-NB-008 10/20/2005 08:53	I-5-NB-003 10/20/2005 09:38	I-5-NB-009 10/20/2005 09:54	Average
Average Speed (in mph)												
1	0	Morrison Street On	-	-	-	-	-	-	-	-	-	-
2	2566	I-84 On	25.1	17.6	21.7	24.3	43.3	34.7	42.2	46.6	49.1	29.6
3	1176	Weidler Off	35.6	33.3	28.5	28.8	43.4	32.6	46.0	49.0	47.9	36.3
4	2642	Broadway On	37.9	41.9	43.8	41.5	52.6	47.8	51.1	40.4	51.5	44.7
5	907	I-405 Off	40.6	41.1	43.7	38.1	50.4	49.2	51.3	31.7	47.8	43.1
6	828	Greely Ave Off	45.4	46.8	46.3	44.2	51.8	48.2	48.3	49.6	52.5	48.4
7	2565	I-405 On	57.2	53.9	47.8	52.1	55.2	51.6	49.5	53.2	56.6	52.6
8	1946	Going Street Off	59.3	59.7	47.4	47.5	60.3	49.6	46.5	56.7	54.7	52.6
9	908	Going Street On	57.0	57.7	49.9	49.1	58.4	48.9	45.9	57.5	56.2	54.6
10	2642	Alberta On	61.7	57.7	48.3	53.2	54.5	51.9	49.7	52.2	55.3	53.3
11	1411	Portland Blvd Off	58.5	59.1	50.6	51.5	55.9	54.6	52.4	54.8	57.0	54.5
12	1818	Portland Blvd On	56.3	60.2	51.9	50.5	57.5	58.9	52.2	55.4	55.4	55.5
13	880	Lombard EB Off	55.1	61.0	52.2	55.3	56.9	53.9	51.3	53.6	52.9	54.5
14	1029	Lombard WB Off	53.8	62.3	53.6	59.7	59.8	55.2	54.7	53.5	53.2	55.9
15	2880	Columbia Off	53.0	59.2	51.2	55.2	58.9	56.4	52.1	53.6	52.4	54.5
16	2526	Victory Blvd Off	49.9	58.4	51.5	59.5	56.5	57.7	52.0	59.9	52.5	55.2
17	1340	Marine Drive Off	52.9	59.4	52.0	60.3	56.4	57.4	54.5	60.1	54.8	55.6
18	1934	Interstate Ave / Victory On	54.7	59.3	50.4	61.3	58.4	57.0	49.3	61.6	52.2	56.2
19	2071	Marine Drive On	53.5	54.0	49.7	59.0	58.8	57.8	52.2	61.0	52.5	55.3
20	1128	Jantzen Beach Off	56.6	48.7	45.3	54.7	57.6	52.7	49.7	59.2	50.0	52.8
21	1287	Jantzen Beach On	53.5	50.1	47.4	55.9	56.5	53.8	52.4	58.9	52.6	52.7
I-5 Columbia River Bridge												
22	3750	SR 14 Off	50.5	51.3	49.1	54.9	55.1	51.1	51.4	51.8	49.0	51.6
23	580	City Center Off	52.1	51.6	52.1	51.9	56.1	48.2	55.9	51.1	50.3	51.6
24	1344	SR 14 On	55.3	55.4	54.8	57.1	58.9	51.8	57.1	55.1	54.9	55.7
25	1000	Mill Plain / 4th Plain Off	55.7	55.0	53.2	59.4	59.0	51.4	56.8	55.7	52.9	54.3
26	2500	Mill Plain On	56.5	56.6	54.4	56.2	56.9	54.2	58.0	56.5	57.2	56.4
27	2084	4th Plain On	56.1	57.8	49.1	53.2	57.8	55.3	54.4	60.2	58.0	55.8
28	1666	39th Street / SR 500 Off	59.6	56.3	51.3	54.1	58.6	56.3	57.2	60.3	59.6	57.1
29	2477	39th Street On	63.8	57.8	50.7	55.0	61.4	58.0	54.5	56.8	62.8	57.1
30	1302	Main Street Off	65.2	62.6	52.8	58.4	61.8	59.2	60.7	57.7	63.8	60.1
31	2707	Main Street On	66.2	66.0	55.7	59.1	59.9	59.3	57.3	62.0	64.3	60.6
32	4021	78th Street Off	57.4	60.0	51.7	48.1	60.4	53.4	52.3	56.0	60.9	55.4
33	3685	78th Street On	59.0	56.5	53.0	51.0	59.7	52.5	54.3	54.6	56.9	55.0
34	2047	99th Street Off	61.4	56.3	52.5	49.7	59.4	53.2	52.1	50.1	53.8	56.6
Total	63647	Average Speed	52.0	50.6	47.2	49.7	56.4	52.0	52.2	54.0	54.9	52.0
			Legend: ≥ 45 mph ≥ 30 and < 45 mph ≥ 15 and < 30 mph < 15 mph									

I-5 Southbound Travel Time Summary - AM Peak

Node #	Length (feet)	Node Names	I-5-SB-008 10/20/2005 06:52	I-5-SB-007 10/20/2005 07:19	I-5-SB-001 10/20/2005 07:21	I-5-SB-011 10/20/2005 07:28	I-5-SB-009 10/20/2005 08:39	I-5-SB-010 10/20/2005 08:43	I-5-SB-002 10/20/2005 08:55	I-5-SB-012 10/20/2005 09:11	Average
Travel Time (in seconds)											
1	0	99th Street On	0	0	0	0	0	0	0	0	0
2	2691	78th Street Off	31	32	37	36	44	33	37	72	40
3	2988	78th Street On	35	33	42	161	336	294	264	33	150
4	4139	Main Street Off	872	45	570	914	548	695	516	151	539
5	2521	Main Street On	725	31	352	741	320	253	214	139	347
6	1765	39th Street Off	284	22	517	483	147	133	84	179	231
7	2376	39th Street On / SR 500 On	644	29	589	587	177	137	260	164	323
8	1141	4th Plain Off	243	20	562	148	111	177	111	90	183
9	1252	4th Plain On	206	83	403	119	79	91	82	62	141
10	1178	Mill Plain Off	261	106	241	114	86	95	61	118	135
11	2326	Mill Plain On	307	383	292	172	130	121	203	176	223
12	636	SR 14 Off	51	159	41	60	26	54	33	67	61
13	2064	SR 14 / Washington St.	195	248	125	113	83	102	121	134	140
I-5 Columbia River Bridge											
14	4061	Jantzen Beach Off	147	120	132	178	162	151	154	188	154
15	1123	Jantzen Beach On	46	58	30	76	34	58	42	27	46
16	1660	Marine Drive Off	204	46	57	74	91	89	80	79	90
17	1524	Marine Drive On	99	20	193	100	71	82	95	100	95
18	1093	Interstate Ave / Victory	78	15	80	78	74	48	85	54	64
19	2254	Victory Blvd On	137	31	137	91	78	57	70	86	86
20	3168	Columbia Blvd On	70	43	67	58	66	62	57	86	64
21	2563	Lombard WB On	80	35	66	51	35	38	37	41	48
22	913	Lombard EB On	38	12	28	31	16	16	13	13	21
23	1054	Portland Blvd Off	23	16	37	29	18	18	17	14	22
24	1830	Portland Blvd On	49	23	47	51	29	28	31	26	36
25	1441	Alberta Street / Going	28	19	32	32	22	22	23	21	25
26	2588	Alberta Street On	43	33	52	50	38	35	38	38	41
27	839	Going Street On	12	12	19	15	12	12	13	12	13
28	1861	I-405 Off	29	25	31	31	23	24	26	26	27
29	1880	Greely Avenue On	80	24	28	77	23	24	26	29	39
30	938	I-405 On	34	12	16	30	15	12	13	15	18
31	1873	Broadway Off	57	25	49	62	28	31	31	30	39
32	2486	Weidler On	67	35	62	53	59	43	50	51	53
33	1125	I-84 Off	28	17	23	22	15	18	19	26	21
34	1107	Morrison Street Off	20	17	11	18	12	15	19	13	16
Total	62458	Total Time	5223	1829	4968	4855	3008	3068	2925	2360	3529.5

I-5 Southbound Travel Time Summary - AM Peak

Node #	Length (feet)	Node Names	I-5-SB-008 10/20/2005 06:52	I-5-SB-007 10/20/2005 07:19	I-5-SB-001 10/20/2005 07:21	I-5-SB-011 10/20/2005 07:28	I-5-SB-009 10/20/2005 08:39	I-5-SB-010 10/20/2005 08:43	I-5-SB-002 10/20/2005 08:55	I-5-SB-012 10/20/2005 09:11	Average
Average Speed (in mph)											
1	0	99th Street On	-	-	-	-	-	-	-	-	-
2	2691	78th Street Off	59.8	59.1	50.5	52.2	41.8	55.7	50.6	26.2	45.6
3	2988	78th Street On	59.1	61.7	47.9	12.4	6.1	6.9	7.6	60.8	13.6
4	4139	Main Street Off	3.1	62.5	4.9	3.1	5.1	4.0	5.5	18.6	5.2
5	2521	Main Street On	2.3	54.7	4.8	2.2	5.4	6.8	8.1	12.4	5.0
6	1765	39th Street Off	4.2	55.4	2.3	2.4	8.1	9.2	14.3	6.7	5.2
7	2376	39th Street On / SR 500 On	2.5	55.9	2.7	2.7	9.2	11.9	6.2	9.9	5.0
8	1141	4th Plain Off	3.1	37.5	1.3	5.1	7.1	4.3	7.1	8.6	4.3
9	1252	4th Plain On	4.0	10.3	2.1	7.1	10.8	9.5	10.5	13.6	6.1
10	1178	Mill Plain Off	3.0	7.6	3.3	7.0	9.3	8.5	13.3	6.8	5.9
11	2326	Mill Plain On	5.1	4.1	5.4	9.3	12.2	13.1	7.9	9.0	7.1
12	636	SR 14 Off	8.6	2.7	10.8	7.2	16.7	8.1	13.4	6.7	7.1
13	2064	SR 14 / Washington St.	7.3	5.7	11.4	12.7	17.0	13.9	11.7	10.5	10.0
I-5 Columbia River Bridge											
14	4061	Jantzen Beach Off	18.8	22.9	20.9	15.5	17.1	18.2	17.9	14.8	18.0
15	1123	Jantzen Beach On	16.4	13.4	26.0	9.9	22.1	13.3	18.1	28.0	16.5
16	1660	Marine Drive Off	5.5	25.2	19.6	15.3	12.6	12.7	14.3	14.3	12.6
17	1524	Marine Drive On	10.4	51.2	5.4	10.4	14.4	12.8	11.0	10.4	10.9
18	1093	Interstate Ave / Victory	9.6	50.6	9.3	9.7	10.2	15.5	8.8	13.9	11.6
19	2254	Victory Blvd On	11.2	48.1	11.4	17.0	19.6	27.2	22.2	17.8	17.9
20	3168	Columbia Blvd On	31.1	50.5	32.6	37.6	33.2	35.0	38.0	25.1	33.9
21	2563	Lombard WB On	21.7	50.6	26.0	33.5	49.9	45.7	47.0	43.1	36.5
22	913	Lombard EB On	16.3	48.9	22.1	20.5	37.6	39.1	46.5	49.0	29.8
23	1054	Portland Blvd Off	32.6	47.2	19.6	24.4	40.3	41.3	43.9	50.4	33.4
24	1830	Portland Blvd On	24.8	53.4	26.6	24.5	42.7	44.3	40.4	47.8	35.1
25	1441	Alberta Street / Going	35.4	51.1	30.6	30.9	44.3	45.0	42.0	47.1	39.5
26	2588	Alberta Street On	41.6	53.6	33.8	35.3	46.9	49.6	46.6	45.5	43.2
27	839	Going Street On	48.7	46.7	30.1	39.6	47.1	50.6	45.8	49.7	42.8
28	1861	I-405 Off	42.4	52.4	41.5	40.2	55.6	51.5	48.5	48.6	47.2
29	1880	Greely Avenue On	15.9	52.5	45.8	16.6	55.2	53.5	49.6	44.9	33.0
30	938	I-405 On	18.9	54.3	38.6	21.3	42.5	52.2	47.2	42.2	34.8
31	1873	Broadway Off	22.4	51.9	26.1	20.6	46.5	41.7	41.2	41.6	32.6
32	2486	Weidler On	25.4	47.1	27.4	32.2	28.3	39.2	34.2	33.5	32.3
33	1125	I-84 Off	27.3	46.8	34.5	35.4	51.9	43.4	39.5	30.8	36.5
34	1107	Morrison Street Off	37.7	44.8	37.7	41.2	56.5	46.0	41.1	46.9	48.3
Total	62458	Average Speed	8.2	23.3	8.6	8.8	14.2	13.9	14.6	18.0	12.1
			≥ 45 mph		≥ 30 and < 45 mph			≥ 15 and < 30 mph		< 15 mph	

I-205 and I-84 Northbound Travel Time Summary - AM Peak

Node #	Length (feet)	Node Names	I-205 AM-NB-007 10/18/2005 06:47	I-205-NB-001 10/20/2005 07:14	I-205-NB-005 10/20/2005 08:17	I-205 AM-NB-008 10/18/2005 08:25	I-205-NB-002 10/20/2005 08:32	I-205-NB-003 10/20/2005 08:40	I-205 AM-NB-009 10/18/2005 09:31	I-205-NB-006 10/20/2005 09:33	I-205-NB-004 10/20/2005 09:39	Average
Travel Time (in seconds)												
1	0	City Center Merge I-5 to I-84	0	0	0	0	0	0	0	0	0	0
2	2145	I-5 NorthBound Ramp to I-84	28	45	29	27	42	40	30	35	29	34
3	673	Grand On	8	10	9	9	10	10	9	9	8	9
4	3102	Irving Street On	38	47	42	36	48	51	52	47	42	45
5	3955	33rd Off	52	54	54	49	57	52	58	55	49	53
6	2018	39th Off	27	28	25	25	28	27	26	27	24	26
7	1089	39th On	14	14	15	13	14	14	14	14	13	14
8	4502	Glisan Off	58	60	59	54	58	57	62	60	56	58
9	1831	60th On	24	24	23	20	24	24	23	24	23	23
10	1022	Halsey / 68th Off	13	14	12	12	13	14	14	14	12	13
11	4867	Multnomah / 82nd Off	63	64	64	61	62	65	70	64	59	64
12	2104	I-205 Southbound Off	27	29	27	26	27	31	28	28	27	28
13	1178	Halsey / 99th Ave. Off	14	17	14	15	16	18	15	14	13	15
14	3200	I-205 Northbound Off	46	45	40	44	39	47	42	39	38	42
Transition from I-84 Eastbound to I-205 Northbound												
15	3876	I-84 WB to I-205 NB On	88	53	61	56	49	54	53	47	47	56
16	2075	Sandy/Columbia EB Off	28	32	29	26	30	33	25	24	24	28
17	1772	Columbia WB On	23	44	23	21	26	25	22	20	20	25
18	1269	Columbia On	16	18	16	15	23	15	16	14	15	16
19	1544	Airport Way WB Off	19	19	20	19	23	19	20	18	17	19
20	842	Airport Way EB Off	10	11	10	10	14	11	10	11	9	11
21	2234	Airport Way On	26	28	28	24	29	27	27	26	25	27
I-205 Glenn Jackson Bridge												
22	10596	Hwy 14 Off	129	132	125	118	124	125	124	126	125	125
23	3161	Hwy 14 On	40	39	38	36	38	35	36	41	36	38
24	2133	Mill Plain Off	27	28	28	24	28	25	25	27	23	26
25	3056	Mill Plain On	36	37	34	33	38	35	35	36	34	35
26	10193	SR 500/39th Street Off	118	139	117	113	127	112	111	113	115	118
27	3939	SR 500 On	43	46	48	42	50	41	42	45	44	45
28	6991	Padden Pkwy Off	79	65	71	81	56	59	78	81	49	69
Total	85367	Total Time	1094	1142	1061	1009	1093	1066	1067	1059	976	1063

I-205 and I-84 Northbound Travel Time Summary - AM Peak

Node #	Length (feet)	Node Names	I-205 AM-NB-007 10/18/2005 06:47	I-205-NB-001 10/20/2005 07:14	I-205-NB-005 10/20/2005 08:17	I-205 AM-NB-008 10/18/2005 08:25	I-205-NB-002 10/20/2005 08:32	I-205-NB-003 10/20/2005 08:40	I-205 AM-NB-009 10/18/2005 09:31	I-205-NB-006 10/20/2005 09:33	I-205-NB-004 10/20/2005 09:39	Average
Average Speed (in mph)												
1	0	City Center Merge I-5 to I-84	-	-	-	-	-	-	-	-	-	-
2	2145	I-5 NorthBound Ramp to I-84	52.2	32.8	51.9	54.3	35.4	37.4	50.0	42.7	52.0	43.2
3	673	Grand On	57.5	44.8	50.2	56.6	44.6	43.8	48.2	48.1	51.8	50.4
4	3102	Irving Street On	55.7	45.0	50.8	58.2	44.0	41.7	40.7	45.2	51.3	47.2
5	3955	33rd Off	51.8	50.4	49.3	55.1	47.3	52.4	46.9	48.8	54.3	50.6
6	2018	39th Off	50.9	49.6	54.2	54.5	50.4	51.1	52.3	51.1	57.3	52.2
7	1089	39th On	53.1	50.7	51.1	56.1	50.1	52.4	52.1	53.1	56.8	53.5
8	4502	Glisan Off	52.9	51.3	51.9	57.2	52.9	53.5	49.8	51.5	54.9	52.7
9	1831	60th On	52.0	50.8	56.1	61.3	54.3	52.1	53.3	50.7	55.6	53.8
10	1022	Halsey / 68th Off	53.5	50.4	56.5	60.0	52.2	51.1	51.7	52.1	58.5	53.1
11	4867	Multnomah / 82nd Off	52.8	51.7	51.9	54.4	53.3	50.4	47.2	51.4	56.3	52.2
12	2104	I-205 Southbound Off	53.3	49.9	51.7	55.3	52.4	46.9	51.8	52.2	53.3	51.6
13	1178	Halsey / 99th Ave. Off	57.5	47.8	57.8	53.5	53.2	45.8	52.5	54.8	58.8	53.2
14	3200	I-205 Northbound Off	47.4	48.7	55.1	49.6	54.8	46.3	52.0	55.7	57.9	51.7
Transition from I-84 Eastbound to I-205 Northbound												
15	3876	I-84 WB to I-205 NB On	30.0	49.9	43.0	47.3	54.1	48.3	49.6	56.6	56.2	46.8
16	2075	Sandy/Columbia EB Off	50.4	43.2	49.7	53.7	47.7	43.2	55.8	59.0	59.5	50.7
17	1772	Columbia WB On	52.5	27.6	53.0	56.7	45.6	48.6	56.9	61.7	59.6	48.5
18	1269	Columbia On	54.2	48.1	52.6	58.3	38.3	59.3	54.5	61.2	59.3	52.6
19	1544	Airport Way WB Off	55.5	55.2	52.1	56.7	46.0	55.7	51.9	56.7	60.8	54.5
20	842	Airport Way EB Off	57.4	52.5	56.2	58.9	39.6	50.0	55.3	54.5	60.9	53.8
21	2234	Airport Way On	58.6	54.5	54.8	63.4	53.7	55.9	57.0	58.7	61.2	57.1
I-205 Glenn Jackson Bridge												
22	10596	Hwy 14 Off	56.1	54.8	58.0	60.9	58.4	58.0	58.4	57.5	58.2	57.6
23	3161	Hwy 14 On	53.8	54.6	56.4	60.0	56.0	61.2	58.7	52.2	58.7	57.2
24	2133	Mill Plain Off	54.0	53.3	53.3	60.0	52.3	59.7	58.4	54.7	62.7	55.7
25	3056	Mill Plain On	58.0	56.1	60.8	63.3	55.2	59.3	60.0	57.1	62.0	59.0
26	10193	SR 500/39th Street Off	58.9	49.9	59.5	61.9	54.5	61.9	62.6	61.8	60.4	58.7
27	3939	SR 500 On	62.4	59.1	56.0	63.0	53.6	65.2	64.6	58.7	61.1	60.3
28	6991	Padden Pkwy Off	59.7	59.9	66.5	59.1	59.1	62.6	60.9	59.5	43.7	69.3
Total	85367	Average Speed	53.2	51.0	54.9	57.7	53.3	54.6	54.5	55.0	59.6	54.8
Legend			≥ 45 mph		≥ 30 and < 45 mph		≥ 15 and < 30 mph		< 15 mph			

I-205 and I-84 Southbound Travel Time Summary - AM Peak

Node #	Length (feet)	Node Names	I-205 AM-SB-006 10/14/2005 06:15	I-205-SB-001 10/20/2005 06:35	I-205-SB-004 10/20/2005 07:14	I-205 AM-SB-007 10/14/2005 07:31	I-205-SB-002 10/20/2005 07:43	I-205-SB-005 10/20/2005 08:39	I-205 AM-SB-008 10/14/2005 08:53	I-205-SB-003 10/20/2005 08:55	Average
Travel Time (in seconds)											
1	0	Padden Pkwy On	0	0	0	0	0	0	0	0	0
2	9489	Van Mall/SR 500 Off	115	121	185	176	172	131	141	180	153
3	4902	SR 500 On	58	105	108	175	144	74	69	63	100
4	9941	Mill Plain Off	118	162	367	311	263	151	165	156	212
5	3444	Mill Plain On	42	63	97	92	106	58	63	75	75
6	1975	Hwy 14 Off	23	28	55	44	58	67	74	41	49
7	3897	Hwy 14 On	44	58	90	80	106	124	106	133	93
I-205 Glenn Jackson Bridge											
8	10554	Airport Way Off	130	194	195	199	174	218	251	257	202
9	1244	Airport Way WB On	15	26	18	25	27	21	23	24	22
10	1762	Airport Way EB On	20	35	29	35	44	25	26	35	31
11	1828	Columbia Blvd WB Off	23	25	49	44	72	26	25	26	36
12	1014	Columbia Blvd EB Off	12	14	38	30	44	14	13	14	22
13	1100	Columbia Blvd On	13	14	44	48	36	15	19	16	26
14	3040	I-84 EB Off	35	112	158	146	117	43	73	41	91
15	3832	I-84 WB On	138	268	370	221	289	59	81	62	186
16	2255	I-84 WB Off	248	167	361	572	355	38	46	35	228
17	1684	I-205 SB Off to I-84 WB	69	63	315	82	88	58	50	27	94
Transition from I-205 Southbound to I-84 Westbound											
18	1946	I-84 WB On	54	55	88	50	53	93	70	40	63
19	1258	Halsey On	35	37	53	34	23	28	45	40	37
20	7093	Glisan On	135	238	225	215	201	193	210	231	206
21	2617	Sandy On	49	97	58	66	59	56	59	67	64
22	4297	Sandy On	80	135	124	112	151	164	134	116	127
23	741	33rd On	19	26	42	25	37	50	30	31	33
24	3950	Lloyd Off	103	152	121	122	130	152	138	166	136
25	3972	I-5 NB/SB Split	72	64	78	68	87	98	101	131	87
Total	87835	Total Time	1650	2259	3268	2972	2836	1956	2012	2007	2370

I-205 and I-84 Southbound Travel Time Summary - AM Peak

Node #	Length (feet)	Node Names	I-205 AM-SB-006 10/14/2005 06:15	I-205-SB-001 10/20/2005 06:35	I-205-SB-004 10/20/2005 07:14	I-205 AM-SB-007 10/14/2005 07:31	I-205-SB-002 10/20/2005 07:43	I-205-SB-005 10/20/2005 08:39	I-205 AM-SB-008 10/14/2005 08:53	I-205-SB-003 10/20/2005 08:55	Average
Average Speed (in mph)											
1	0	Padden Pkwy On	-	-	-	-	-	-	-	-	-
2	9489	Van Mall/SR 500 Off	56.8	53.7	35.0	36.8	37.9	49.7	46.1	36.0	42.4
3	4902	SR 500 On	57.3	31.7	31.0	19.1	22.9	44.8	48.0	53.1	33.6
4	9941	Mill Plain Off	57.3	41.9	18.5	21.8	25.8	45.0	41.1	43.4	32.0
5	3444	Mill Plain On	55.5	37.6	24.4	25.6	22.2	40.2	37.4	31.3	31.5
6	1975	Hwy 14 Off	60.4	47.1	24.1	30.1	23.3	19.9	18.0	32.8	27.6
7	3897	Hwy 14 On	60.0	46.2	29.4	33.3	25.0	21.4	25.2	20.0	28.7
I-205 Glenn Jackson Bridge											
8	10554	Airport Way Off	55.4	36.9	37.0	36.1	41.5	33.2	28.6	28.0	35.6
9	1244	Airport Way WB On	56.7	32.6	47.1	34.7	31.2	40.5	36.9	35.4	37.9
10	1762	Airport Way EB On	59.5	34.5	41.1	34.0	27.0	48.0	47.5	34.3	38.6
11	1828	Columbia Blvd WB Off	54.9	50.1	25.5	27.9	17.3	47.8	49.1	47.8	34.4
12	1014	Columbia Blvd EB Off	56.0	50.6	17.7	23.5	15.8	47.6	51.1	49.4	30.9
13	1100	Columbia Blvd On	58.9	50.4	17.2	15.4	21.2	50.3	40.9	47.0	29.3
14	3040	I-84 EB Off	59.4	18.5	13.1	14.2	17.5	48.2	28.2	50.4	22.9
15	3832	I-84 WB On	18.7	9.7	7.0	11.9	9.0	44.9	32.3	42.2	14.0
16	2255	I-84 WB Off	6.2	9.3	4.2	2.6	4.3	39.8	33.5	43.9	6.8
17	1684	I-205 SB Off to I-84 WB	16.8	18.3	3.5	14.0	13.1	20.1	22.5	42.6	12.2
Transition from I-205 Southbound to I-84 Westbound											
18	1946	I-84 WB On	24.5	24.0	15.1	26.5	25.0	14.2	19.1	33.2	21.1
19	1258	Halsey On	24.3	23.1	16.1	25.3	37.2	30.3	18.9	21.4	23.3
20	7093	Glisan On	36.1	20.3	21.6	22.5	24.0	25.1	23.1	21.0	23.5
21	2617	Sandy On	36.8	18.4	30.5	27.0	30.5	31.4	30.4	26.7	27.9
22	4297	Sandy On	36.3	21.7	23.6	26.3	19.2	17.9	21.7	25.2	23.1
23	741	33rd On	27.3	19.0	12.0	19.8	13.7	10.0	16.4	16.1	15.5
24	3950	Lloyd Off	26.0	17.8	22.3	22.2	20.7	17.6	19.6	16.2	19.9
25	3972	I-5 NB/SB Split	29.4	28.3	33.1	29.7	24.7	21.8	21.3	20.6	31.0
Total	87835	Average Speed	36.3	26.5	18.3	20.2	21.1	30.6	29.8	29.8	25.3
Legend			≥ 45 mph		≥ 30 and < 45 mph		≥ 15 and < 30 mph		< 15 mph		

I-205 and I-84 Northbound Travel Time Summary - PM Peak

Node #	Length (feet)	Node Names	I-205-NB-001 10/18/2005 14:56	I-205-NB-011 10/18/2005 15:09	I-205-NB-002 10/18/2005 15:22	I-205-NB-008 10/18/2005 15:24	I-205-NB-012 10/18/2005 15:57	I-205-NB-009 10/18/2005 16:05	I-205-NB-005 10/18/2005 16:08	I-205-NB-003 10/18/2005 16:30	I-205-NB-013 10/18/2005 16:44	I-205-NB-007 10/18/2005 16:54	I-205-NB-010 10/18/2005 17:11	I-205-NB-014 10/18/2005 17:36	I-205-NB-004 10/18/2005 17:38	I-205-NB-006 10/18/2005 18:03	Average
Travel Time (in seconds)																	
1	0	City Center Merge I-5 to I-84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2100	I-5 Northbound Ramp to I-84	48	45	186	82	89	73	98	40	56	74	91	60	33	46	73
3	712	Grand On	11	14	24	13	14	25	34	10	16	32	18	14	9	12	18
4	3152	Irving Street On	37	46	130	54	60	71	97	42	58	118	91	60	44	47	68
5	3932	33rd Off	73	60	68	61	54	82	131	60	54	93	64	54	50	50	68
6	1959	39th Off	29	45	26	33	28	43	32	25	26	32	29	28	23	25	30
7	1143	39th On	16	23	17	15	17	23	17	15	15	16	16	16	14	14	17
8	4506	Glisan Off	70	68	80	58	99	66	75	62	64	69	64	59	67	57	68
9	1824	60th On	31	29	24	24	28	27	27	155	39	27	26	23	109	24	42
10	960	Halsey / 68th Off	13	12	13	12	14	16	16	21	18	13	13	10	105	13	21
11	4906	Multnomah / 82nd Off	63	62	65	65	65	60	99	538	95	68	60	62	61	60	102
12	2081	I-205 Southbound Off	25	26	27	26	25	28	32	118	32	30	31	31	24	25	34
13	1245	Halsey / 99th Ave. Off	14	13	16	15	15	16	19	80	33	20	18	48	13	15	24
14	3195	I-205 Northbound Off	41	39	39	40	52	38	43	150	247	50	107	224	39	39	82
Transition from I-84 Eastbound to I-205 Northbound																	
15	3864	I-84 WB to I-205 NB On	50	49	48	49	135	336	133	98	241	211	414	184	46	50	146
16	2059	Sandy/Columbia EB Off	25	23	30	22	43	67	154	75	45	292	85	71	24	28	70
17	1832	Columbia WB On	21	21	21	25	59	29	95	52	68	89	63	39	22	23	45
18	1196	Columbia On	15	13	14	27	28	36	27	19	25	29	30	35	13	15	23
19	1524	Airport Way WB Off	18	18	19	22	24	38	43	46	23	33	40	24	18	19	28
20	827	Airport Way EB Off	9	10	18	10	11	16	19	19	10	16	19	11	11	12	14
21	2278	Airport Way On	26	30	58	25	28	31	58	56	27	55	33	25	106	27	42
I-205 Glenn Jackson Bridge																	
22	10562	Hwy 14 Off	122	119	133	120	120	116	136	127	117	139	137	121	193	127	131
23	3197	Hwy 14 On	34	36	38	37	33	37	40	38	33	48	43	33	35	37	37
24	2101	Mill Plain Off	22	24	24	23	22	25	27	24	21	29	24	23	24	24	24
25	3079	Mill Plain On	32	31	34	34	31	36	37	35	32	37	34	31	38	37	34
26	10208	SR 500/39th Street Off	110	110	117	125	107	120	115	110	112	117	112	103	238	120	123
27	3937	SR 500 On	42	42	49	43	40	43	46	44	42	49	39	42	107	47	48
28	7532	Padden Pkwy Off	80	81	58	99	86	33	59	54	93	84	85	84	66	62	73
Total	85911	Total Time	1077	1089	1376	1159	1327	1531	1709	2113	1642	1870	1786	1515	1532	1055	1484

Average Speed (in mph)																	
Node #	Length (feet)	Node Names	I-205-NB-001 10/18/2005 14:56	I-205-NB-011 10/18/2005 15:09	I-205-NB-002 10/18/2005 15:22	I-205-NB-008 10/18/2005 15:24	I-205-NB-012 10/18/2005 15:57	I-205-NB-009 10/18/2005 16:05	I-205-NB-005 10/18/2005 16:08	I-205-NB-003 10/18/2005 16:30	I-205-NB-013 10/18/2005 16:44	I-205-NB-007 10/18/2005 16:54	I-205-NB-010 10/18/2005 17:11	I-205-NB-014 10/18/2005 17:36	I-205-NB-004 10/18/2005 17:38	I-205-NB-006 10/18/2005 18:03	Average
1	0	City Center Merge I-5 to I-84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	2100	I-5 Northbound Ramp to I-84	29.9	32.5	7.8	17.7	16.4	19.8	14.6	36.7	25.8	19.4	15.9	24.4	44.4	31.4	19.6
3	712	Grand On	44.1	32.7	19.6	38.1	33.1	19.0	14.2	47.6	30.4	15.0	26.6	34.7	50.3	40.1	27.6
4	3152	Irving Street On	58.0	47.2	16.5	39.7	36.4	30.4	22.2	51.8	37.3	18.3	23.7	36.0	49.7	46.0	31.5
5	3932	33rd Off	36.7	44.3	39.8	43.6	48.9	32.9	20.4	44.0	49.8	28.9	41.9	49.3	53.1	54.1	39.3
6	1959	39th Off	46.1	29.8	50.8	41.7	49.4	30.3	42.8	53.0	50.5	42.3	47.0	48.3	59.6	53.4	44.1
7	1143	39th On	48.7	34.5	45.9	50.9	44.1	33.9	46.4	51.9	53.7	48.8	46.5	48.2	52.8	53.7	46.6
8	4506	Glisan Off	43.9	45.0	38.3	53.1	31.1	47.1	40.6	49.4	47.5	44.6	48.5	52.0	45.9	54.2	44.9
9	1824	60th On	40.1	44.0	51.6	52.2	43.9	45.7	45.7	8.0	31.8	46.2	48.2	55.6	11.3	51.5	29.4
10	960	Halsey / 68th Off	50.2	51.0	51.6	55.8	46.6	41.2	41.6	32.2	37.0	49.9	48.4	61.1	6.3	50.0	31.7
11	4906	Multnomah / 82nd Off	53.1	54.0	51.5	50.7	51.7	55.2	33.7	6.2	35.2	49.7	56.1	54.3	55.2	55.6	32.9
12	2081	I-205 Southbound Off	56.8	56.3	52.3	54.6	55.9	50.8	44.5	12.1	44.7	46.5	45.7	45.1	58.9	57.1	41.4
13	1245	Halsey / 99th Ave. Off	60.6	63.7	54.5	58.7	57.9	55.5	43.8	10.6	25.1	43.3	46.3	17.6	63.1	57.9	35.5
14	3195	I-205 Northbound Off	53.1	56.4	55.4	53.9	41.8	56.9	51.5	14.5	8.7	43.1	20.4	9.7	56.5	55.9	26.6
Transition from I-84 Eastbound to I-205 Northbound																	
15	3864	I-84 WB to I-205 NB On	52.7	54.0	55.0	54.2	19.5	7.7	19.5	26.7	11.0	12.4	6.4	14.4	57.9	52.5	18.0
16	2059	Sandy/Columbia EB Off	56.3	60.8	47.4	62.9	32.7	20.9	9.1	18.7	31.0	4.8	16.8	19.9	58.4	50.8	20.0
17	1832	Columbia WB On	59.5	59.7	57.1	49.7	21.2	43.1	13.4	24.1	18.4	14.1	19.5	31.9	57.0	53.2	27.9
18	1196	Columbia On	54.3	59.4	60.4	30.9	28.6	22.8	29.5	43.4	33.0	28.3	27.1	23.3	60.2	54.7	35.0
19	1524	Airport Way WB Off	57.8	59.7	54.2	47.0	43.2	26.6	24.5	22.2	45.3	31.9	26.1	42.4	58.2	53.9	37.8
20	827	Airport Way EB Off	62.9	55.7	31.4	58.3	52.3	35.3	29.8	30.1	57.4	34.9	30.8	53.0	51.9	49.6	41.3
21	2278	Airport Way On	59.7	52.2	26.6	62.1	55.1	50.8	26.6	27.9	58.5	28.0	46.0	62.4	14.3	57.1	37.2
I-205 Glenn Jackson Bridge																	
22	10562	Hwy 14 Off	59.1	60.5	54.2	59.8	60.1	61.8	52.9	56.7	61.5	51.8	52.6	59.5	37.6	56.8	55.2
23	3197	Hwy 14 On	64.1	60.3	57.1	60.1	66.3	59.3	54.4	57.6	66.1	45.4	51.2	65.2	60.8	58.8	58.5
24	2101	Mill Plain Off	65.1	60.0	59.8	62.2	65.3	57.6	53.1	59.4	66.0	49.3	60.3	64.7	59.5	58.7	59.7
25	3079	Mill Plain On	65.7	66.6	61.7	61.4	67.6	58.3	57.3	59.4	65.9	58.0	60.6	66.5	56.3	56.6	61.4
26	10208	SR 500/39th Street Off	63.2	63.2	59.9	55.8	65.1	58.1	60.5	63.4	61.9	59.3	62.6	67.5	29.1	58.2	56.8
27	3937	SR 500 On	64.0	64.2	53.8	62.1	67.4	63.1	58.0	61.0	64.5	54.3	67.5	64.8	25.4	57.4	55.7
28	7532	Padden Pkwy Off	64.1	63.8	62.3	51.8	59.6	64.4	61.0	60.9	55.3	61.2	60.4	61.0	54.1	57.7	70.2
Total	85911	Average Speed	54.4	53.8	42.6	50.5	44.1	38.3	34.3	27.7	35.7	31.3	32.8	38.7	38.2	55.5	39.5

Legend ≥ 45 mph ≥ 30 and < 45 mph ≥ 15 and < 30 mph < 15 mph

I-205 and I-84 Southbound Travel Time Summary - PM Peak

Node #	Length (feet)	Node Names	I-205-SB-007 10/14/2005 14:45	I-205-SB-001 10/18/2005 15:04	I-205-SB-002 10/18/2005 15:16	I-205-SB-005 10/18/2005 15:47	I-205-SB-003 10/18/2005 15:50	I-205-SB-006 10/18/2005 16:36	I-205-SB-009 10/14/2005 17:14	I-205-SB-004 10/18/2005 17:48	I-205-SB-010 10/14/2005 18:04	Average
Travel Time (in seconds)												
1	0	Paden Pkwy On	0	0	0	0	0	0	0	0	0	0
2	9522	Van Mall/SR 500 Off	117	105	100	111	99	107	96	103	94	104
3	4878	SR 500 On	54	53	51	52	52	56	52	53	53	53
4	9943	Mill Plain Off	111	109	103	103	112	119	112	106	103	109
5	3454	Mill Plain On	38	38	34	36	39	434	37	37	35	81
6	1963	Hwy 14 Off	22	23	20	20	21	522	19	21	20	76
7	3915	Hwy 14 On	43	44	42	40	40	70	39	42	41	45
I-205 Glenn Jackson Bridge												
8	10494	Airport Way Off	119	115	117	103	121	105	111	118	111	113
9	1213	Airport Way WB On	15	13	13	13	13	12	13	13	13	13
10	1768	Airport Way EB On	19	20	20	18	20	17	20	19	19	19
11	1860	Columbia Blvd WB Off	21	20	20	23	21	17	22	21	22	21
12	1071	Columbia Blvd EB Off	15	14	12	14	13	11	13	14	13	13
13	1077	Columbia Blvd On	14	14	11	14	13	11	14	14	13	13
14	3006	I-84 EB Off	38	37	39	39	35	30	41	37	34	37
15	3860	I-84 WB On	50	43	45	47	46	39	52	46	43	46
16	2279	I-84 WB Off	31	29	29	31	35	27	28	32	28	30
17	1684	I-205 SB Off to I-84 WB	20	20	18	21	21	20	20	22	20	20
Transition from I-205 Southbound to I-84 Westbound												
18	1949	I-84 WB On	21	24	21	24	22	22	22	24	22	22
19	1242	Halsey On	14	14	13	15	15	14	15	15	15	14
20	7058	Gilsan On	84	84	78	86	89	82	87	92	85	85
21	2627	Sandy On	34	33	29	32	33	30	30	34	29	32
22	4338	Sandy On	52	52	50	55	54	55	52	57	52	53
23	703	33rd On	9	9	9	10	10	8	9	10	8	9
24	3974	Lloyd Off	47	53	52	55	48	47	72	50	49	53
25	3962	I-5 NB/SB Split	37	47	41	41	42	30	49	58	45	43
Total	87840	Total Time	1025	1013	967	1003	1014	1885	1025	1038	967	1104

I-205 and I-84 Southbound Travel Time Summary - PM Peak

Node #	Length (feet)	Node Names	I-205-SB-007 10/14/2005 14:45	I-205-SB-001 10/18/2005 15:04	I-205-SB-002 10/18/2005 15:16	I-205-SB-005 10/18/2005 15:47	I-205-SB-003 10/18/2005 15:50	I-205-SB-006 10/18/2005 16:36	I-205-SB-009 10/14/2005 17:14	I-205-SB-004 10/18/2005 17:48	I-205-SB-010 10/14/2005 18:04	Average
Average Speed (in mph)												
1	0	Padden Pkwy On	-	-	-	-	-	-	-	-	-	-
2	9522	Van Mall/SR 500 Off	55.8	62.1	65.0	59.1	65.5	60.9	68.1	63.0	69.4	62.7
3	4878	SR 500 On	61.4	63.0	65.5	63.8	64.6	59.4	64.2	62.7	62.7	62.9
4	9943	Mill Plain Off	61.1	61.9	65.7	65.6	60.1	56.9	60.0	63.7	65.9	62.4
5	3454	Mill Plain On	61.5	61.3	69.6	66.5	61.2	5.4	64.8	63.3	67.5	29.1
6	1963	Hwy 14 Off	61.5	60.0	68.2	66.3	64.3	2.5	69.5	63.5	68.1	17.5
7	3915	Hwy 14 On	61.2	60.5	62.9	66.6	65.7	38.3	68.4	63.2	63.9	59.9
I-205 Glenn Jackson Bridge												
8	10494	Airport Way Off	60.1	62.1	61.1	69.2	59.5	68.2	64.8	60.5	64.4	63.1
9	1213	Airport Way WB On	58.1	61.8	62.8	66.0	60.5	69.3	61.2	63.5	62.8	63.1
10	1768	Airport Way EB On	60.8	60.9	62.4	64.6	61.1	72.1	59.7	63.3	64.5	63.1
11	1860	Columbia Blvd WB Off	60.0	62.1	63.6	57.0	61.2	72.1	57.5	60.3	56.5	61.0
12	1071	Columbia Blvd EB Off	51.3	52.7	60.8	50.9	56.8	67.4	55.9	52.1	57.2	55.2
13	1077	Columbia Blvd On	50.7	53.0	62.1	52.6	55.8	67.1	55.8	52.5	59.1	56.0
14	3006	I-84 EB Off	53.8	55.2	53.1	53.0	58.1	69.1	49.4	55.4	59.7	55.9
15	3860	I-84 WB On	53.0	61.0	58.2	55.1	57.2	67.2	51.0	57.2	61.5	57.6
16	2279	I-84 WB Off	50.1	53.7	54.2	51.4	45.2	56.8	54.8	48.6	54.7	51.8
17	1684	I-205 SB Off to I-84 WB	58.9	57.3	61.9	53.6	54.4	58.1	58.0	52.1	58.1	56.8
Transition from I-205 Southbound to I-84 Westbound												
18	1949	I-84 WB On	60.6	56.9	65.3	55.7	59.4	60.1	59.7	55.3	60.9	59.2
19	1242	Halsey On	63.4	58.4	65.8	55.4	56.8	60.4	55.9	56.4	53.3	58.6
20	7058	Glisan On	57.1	57.8	61.5	56.1	54.1	59.1	55.8	52.3	57.2	56.5
21	2627	Sandy On	52.5	54.2	61.9	56.4	54.2	59.2	58.7	52.6	62.0	56.8
22	4338	Sandy On	56.8	56.3	58.9	53.5	54.5	54.1	57.3	51.8	56.8	55.6
23	703	33rd On	52.8	53.6	54.2	51.6	52.3	56.1	54.9	47.9	55.8	52.6
24	3974	Lloyd Off	58.9	51.4	52.2	49.0	55.6	57.6	37.3	54.1	55.2	51.6
25	3962	I-5 NB/SB Split	54.8	46.0	50.2	48.9	52.2	56.5	44.0	46.5	48.3	62.3
Total	87840	Average Speed	58.4	59.1	61.9	59.7	59.1	31.8	58.4	57.7	61.9	54.2
Legend			≥ 45 mph		≥ 30 and < 45 mph		≥ 15 and < 30 mph		< 15 mph			