

Project Connect Central Corridor Sub-Corridor Comparison Matrix

Raw Data & Evaluation Measures

Description	Min	Max	West Austin	MOPAC	Lamar	Highland	Mueller	MLK	East Austin	ERC	SoCo	SoLa
Total Area (sq miles)	2.2	6.2	2.2	2.7	4.6	2.7	6.2	3.8	4.1	3.9	2.9	2.4
-												
"Parcel" Area (Not including transportation infrastructure, open space, waterways)	1.7	4.9	1.7	2.2	3.7	2.0	4.9	2.9	3.1	3.0	2.4	2.0
-												
Total Network Lane Miles (2010)	26	147	53	56	96	99	147	86	84	88	51	26
-												
Total Network Lane Miles (2030)	26	149	56	60	96	99	149	86	84	88	51	26
-												
Total Network Roadway Miles (2010)	13	87	34	35	45	65	87	52	56	45	26	13
-												
Congested Lane Miles (2010)	5	24	14	12	7	20	24	13	7	18	7	5
-												
Congested Lane Miles (2030)	7	51	20	19	18	37	51	26	17	38	11	7
-												
% Lane Miles of Congestion (2010)	8%	27%	27%	22%	8%	20%	17%	15%	9%	20%	14%	19%
-												
% Lane Miles of Congestion (2030)	19%	44%	35%	31%	19%	38%	35%	30%	21%	44%	22%	28%
-												
Increase in % of Lane Miles of Congestion (2010-2030)	8%	23%	8%	9%	11%	18%	18%	15%	12%	23%	8%	9%
-												
Total VMT (2010)	40,201	258,677	104,066	117,151	112,037	203,387	258,677	133,500	97,677	149,127	64,449	40,201
-												
Total VMT (2030)	52,955	384,789	134,120	155,858	158,436	271,860	384,789	204,580	149,532	223,035	89,546	52,955
-												
Congested VMT (2010)	14,288	140,276	55,928	63,442	18,438	104,849	140,276	66,042	40,815	72,975	17,852	14,288
-												
Congested VMT (2030)	18,549	247,287	88,914	100,729	49,171	182,505	247,287	114,362	72,862	147,280	31,454	18,549
-												
Congested VMT per lane mile (2010)	193	1,128	1,063	1,128	193	1,057	951	770	485	832	349	551
-												
Congested VMT per lane mile (2030)	515	1,840	1,597	1,674	515	1,840	1,665	1,334	866	1,680	615	716
-												
% of Congested VMT (2010)	16%	54%	54%	54%	16%	52%	54%	49%	42%	49%	28%	36%
-												
% of Congested VMT (2030)	31%	67%	66%	65%	31%	67%	64%	56%	49%	66%	35%	35%
-												
Increase in % of Congested VMT (2010-2030)	-1%	17%	13%	10%	15%	16%	10%	6%	7%	17%	7%	-1%
-												
Total VHT (2010)	1,399	6,286	3,239	3,124	3,706	5,224	6,286	3,408	2,671	4,343	2,144	1,399
-												
Total VHT (2030)	2,654	13,608	5,894	5,337	6,152	9,562	13,608	7,371	5,682	9,679	4,036	2,654
-												
Congested VHT (2010)	542	3,403	1,744	1,465	677	2,632	3,403	1,648	1,074	2,044	648	542
-												

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Congested VHT (2030)	888	9,571	3,838	3,338	2,213	6,714	9,571	4,365	3,005	6,250	1,538	888
Congested VHT per lane mile (2010)	7	33	33	26	7	27	23	19	13	23	13	21
Congested VHT per lane mile (2030)	23	71	69	55	23	68	64	51	36	71	30	34
% of Congested VHT (2010)	18%	54%	54%	47%	18%	50%	54%	48%	40%	47%	30%	39%
% of Congested VHT (2030)	33%	70%	65%	63%	36%	70%	70%	59%	53%	65%	38%	33%
Increase in % of Congested VHT (2010-2030)	-5%	20%	11%	16%	18%	20%	16%	11%	13%	18%	8%	-5%
Hours of Delay (2010)	281	1,132	858	483	433	886	1,132	506	365	828	281	323
Hours of Delay (2030)	1,231	5,424	2,817	1,773	1,524	3,497	5,424	2,694	2,006	4,153	1,436	1,231
Delay hours per lane mile (2010)	4	16	16	9	5	9	8	6	4	9	5	12
Delay hours per lane mile (2030)	16	54	54	32	16	35	37	31	24	47	28	48
Increase in hours of delay per lane mile (2010-2030)	11	38	37	23	11	26	29	26	20	38	23	35
Total Trip Pairs to the core (2010) All person trips	16,048	47,262	25,323	23,694	47,262	30,160	37,002	16,048	29,270	39,433	38,684	24,476
Total Trip Pairs to the core (2030) All person trips	29,254	68,618	32,505	29,254	57,364	44,603	68,618	34,598	56,968	65,235	55,229	33,441
Total Intra-Sub-Corridor trip pairs (2010) All person trips	2,503	25,883	4,590	5,242	25,883	13,405	13,785	2,503	8,393	10,450	12,096	6,455
Total Intra-Sub-Corridor trip pairs (2030) All person trips	5,415	38,479	5,415	5,541	27,657	18,041	38,479	7,268	17,505	20,204	15,238	7,867
Total O-D Trips to the core per square mile (2010) All person trips	5,471	16,082	15,160	10,577	12,872	15,374	7,525	5,471	9,455	12,998	16,082	12,228
Total O-D Trips to the core per square mile (2030) All person trips	11,795	22,961	19,460	13,059	15,623	22,737	13,954	11,795	18,403	21,503	22,961	16,707
Total Intra-Sub-Corridor trips per square mile (2010) All person trips	853	7,049	2,748	2,340	7,049	6,833	2,803	853	2,711	3,445	5,029	3,225
Total Intra-Sub-Corridor trips per square mile (2030) All person trips	2,474	9,197	3,242	2,474	7,532	9,197	7,825	2,478	5,655	6,660	6,335	3,930
Total Trip Pairs to the core (2010) Home-Based Work (HBW) trip pairs	2,113	5,642	3,168	2,113	5,464	3,039	4,824	2,676	3,787	5,642	4,127	3,561
Total Trip Pairs to the core (2030) Home-Based Work (HBW) trip pairs	3,172	9,237	4,380	3,172	7,495	5,164	8,335	4,642	6,874	9,237	6,759	5,573
Total Intra-Sub-Corridor trip pairs (2010) Home-Based Work (HBW) trip pairs	151	2,917	391	459	2,917	893	1,034	151	573	1,310	989	534

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Description	Min	Max	West Austin	MOPAC	Lamar	Highland	Mueller	MLK	East Austin	ERC	SoCo	SoLa
Total Intra-Sub-Corridor trip pairs (2030)	399	3,934	399	540	3,088	1,576	3,934	532	1,126	2,668	1,379	773
Home-Based Work (HBW) trip pairs												
Total O-D Trips to the core per square mile (2010)	912	1,897	1,897	943	1,488	1,549	981	912	1,223	1,860	1,716	1,779
Home-Based Work (HBW) trip pairs												
Total O-D Trips to the core per square mile (2030)	1,416	3,045	2,622	1,416	2,041	2,632	1,695	1,583	2,221	3,045	2,810	2,784
Home-Based Work (HBW) trip pairs												
Total Intra-Sub-Corridor trips per square mile (2010)	51	794	234	205	794	455	210	51	185	432	411	267
Home-Based Work (HBW) trip pairs												
Total Intra-Sub-Corridor trips per square mile (2030)	181	879	239	241	841	803	800	181	364	879	573	386
Home-Based Work (HBW) trip pairs												
Regional trips passing through Sub-Corridor to Core (2010)	-	-	-	-	-	-	-	-	-	-	-	-
Regional trips beginning or ending in Sub-Corridor (2010)	-	-	-	-	-	-	-	-	-	-	-	-
Regional trips passing through Sub-Corridor not to Core (2010)	-	-	-	-	-	-	-	-	-	-	-	-
Regional trips passing through Sub-Corridor to Core (2030)	-	-	-	-	-	-	-	-	-	-	-	-
Regional trips beginning or ending in Sub-Corridor (2030)	-	-	-	-	-	-	-	-	-	-	-	-
Regional trips passing through Sub-Corridor not to Core (2030)	-	-	-	-	-	-	-	-	-	-	-	-
Population (2010)	7,671	33,221	9,264	7,671	24,263	11,959	29,845	13,755	18,640	33,221	14,128	10,618
Population (2030)	12,251	51,780	13,054	12,251	37,408	24,139	51,780	25,273	33,470	49,587	24,080	18,201
Population Density (per square mile) (2010)	3,424	10,950	5,546	3,424	6,608	6,096	6,069	4,689	6,021	10,950	5,874	5,305
Population Density (per square mile) (2030)	5,469	16,345	7,815	5,469	10,188	12,305	10,530	8,616	10,812	16,345	10,011	9,093
Percent Population Growth (2010 - 2030)	41%	102%	41%	60%	54%	102%	74%	84%	80%	49%	70%	71%
Population Growth (2010 - 2030)	3,790	21,935	3,790	4,580	13,145	12,180	21,935	11,518	14,830	16,366	9,952	7,583
Population Density Growth (2010 - 2030)	2,045	6,209	2,269	2,045	3,580	6,209	4,461	3,927	4,791	5,395	4,137	3,788
Households (2010)	4,269	14,796	5,191	4,269	13,592	6,057	12,358	5,484	7,094	14,796	7,157	5,795
Households (2030)	6,437	24,141	7,028	6,437	20,783	12,585	23,148	11,099	15,125	24,141	12,422	9,915
Employment (2010)	2,624	31,595	7,891	12,954	31,595	11,641	11,561	2,624	8,877	12,636	13,045	4,803
Employment (2030)	5,313	36,462	8,573	14,596	36,462	17,161	24,397	5,313	16,567	21,695	17,345	6,585

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Description	Min	Max	West Austin	MOPAC	Lamar	Highland	Mueller	MLK	East Austin	ERC	SoCo	SoLa
Employment Density per sq mile (2010)	895	8,605	4,724	5,783	8,605	5,934	2,351	895	2,868	4,165	5,424	2,399
-												
Employment Density per sq mile (2030)	1,811	9,930	5,133	6,516	9,930	8,748	4,961	1,811	5,352	7,151	7,211	3,290
-												
Percent Employment Growth (2010 - 2030)	9%	111%	9%	13%	15%	47%	111%	102%	87%	72%	33%	37%
-												
Employment Growth (2010 - 2030)	682	12,836	682	1,642	4,867	5,520	12,836	2,689	7,690	9,059	4,300	1,782
-												
Employment Density Growth (2010 - 2030)	409	2,986	409	733	1,325	2,814	2,610	916	2,484	2,986	1,787	891
-												
Physical and Environmental Constraints Qualitative Score	-	7	6	2	7	6	6	5	5	4	2	-
-												
Historical Landmarks	2	91	48	28	91	15	2	43	64	18	33	7
-												
Affordable housing units	20	2,002	-	20	203	228	995	1,119	1,753	2,002	893	146
-												
Affordable housing stock (% of total 2010 HH)	0%	25%	0%	0%	1%	4%	8%	20%	25%	14%	12%	3%
-												
Workforce housing stock (% of total 2010 HH)	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
-												
Net increase in jobs based on redevelopment	-	-	-	-	-	-	-	-	-	-	-	-
-												
Net increase in jobs per square mile	-	-	-	-	-	-	-	-	-	-	-	-
-												
Net increase in wages between 2010 and 2030	-	-	-	-	-	-	-	-	-	-	-	-
-												
Net increase in wages per employee	-	-	-	-	-	-	-	-	-	-	-	-
-												
Net revenue due to increase in assessed value and sales tax	-	-	-	-	-	-	-	-	-	-	-	-
-												
Net revenue per square mile	-	-	-	-	-	-	-	-	-	-	-	-
-												
Zero-car Households (2010)	4%	25%	5%	7%	11%	12%	13%	20%	25%	14%	11%	4%
-												
Population Below Poverty Level (2010)	1%	19%	3%	1%	1%	6%	12%	13%	19%	12%	8%	2%
-												
Population over 65 (2010)	2%	14%	6%	14%	5%	6%	7%	12%	10%	2%	6%	7%
-												
Retail Employment (2010)	516	5,326	2,121	2,933	5,326	3,416	3,548	516	1,536	2,752	3,265	2,577
-												
Retail Employment (2030)	1,555	6,756	2,224	3,468	6,756	5,116	5,910	1,555	3,143	4,596	4,311	3,623
-												
Percent Retail Growth (2010 - 2030)	5%	201%	5%	18%	27%	50%	67%	201%	105%	67%	32%	41%
-												

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Description	Min	Max	West Austin	MOPAC	Lamar	Highland	Mueller	MLK	East Austin	ERC	SoCo	SoLa
Household Transportation Costs	-	-	-	-	-	-	-	-	-	-	-	-
Consistency with Local Transit Supportive Plans and Policies	-	4	1	2	3	2	3	3	4	1	2	-
Number of plans	-	-	-	-	-	-	-	-	-	-	-	-
Number of Imagine Austin Centers (Regional, Town and Neighborhood Centers)	-	4	-	1	3	2	4	4	4	3	2	1
Imagine Austin Regional Centers (area in square miles)	-	1	-	0	-	1	0	-	-	-	-	-
Imagine Austin Town Centers (area in square miles)	-	1	-	-	0	-	1	-	-	1	-	-
Imagine Austin Neighborhood Centers (area in square miles)	-	1	-	-	-	-	-	0	1	-	0	-
% Area of Imagine Austin Regional Centers	0%	40%	0%	0%	0%	40%	5%	0%	0%	0%	0%	0%
% Area of Imagine Austin Town Centers	0%	37%	0%	0%	6%	0%	19%	0%	0%	37%	0%	0%
% Area of Imagine Austin Neighborhood Centers	0%	15%	0%	0%	0%	0%	0%	5%	15%	0%	2%	0%
Number of Imagine Austin Corridors	2	7	2	3	5	2	2	7	7	4	3	2
Imagine Austin Corridors (length in miles)	2	10	3	3	7	3	10	8	8	7	5	2
% Length of IA Corridors (% total of roadway lane miles)	5%	21%	10%	8%	16%	5%	11%	16%	14%	16%	21%	19%
Complementary HCT connections (number of stops/stations)	-	3	2	3	2	1	1	1	1	1	-	2
Competitive HCT overlap (number of stops/stations)	-	5	5	4	1	5	5	5	5	5	1	-
Existing Transit Ridership Serving the Corridor	982	9,468	1,355	1,783	6,990	5,628	6,321	3,718	5,687	9,468	3,934	982
Average Daily Bus Ridership - total average boardings 2013	982	9,468	1,355	1,783	6,736	5,174	6,321	2,717	4,795	9,468	3,934	982
Average MetroRail Boardings (Spring, Fall 2011)	192	773	-	-	192	351	-	722	773	-	-	-
Average MetroRail Boardings (Spring, Fall 2012)	254	1,001	-	-	254	454	-	1,001	892	-	-	-
Number of Bus Routes (2011)	8	37	12	20	26	28	28	28	26	37	19	8
Number of Route Stops (2011)	36	199	57	83	176	90	174	173	199	123	98	36
Existing Bus Route-Miles	13	94	25	42	56	69	94	33	41	87	33	13
Existing Bus Route-Miles per network roadway mile	0.6	1.9	0.7	1.2	1.3	1.1	1.1	0.6	0.7	1.9	1.3	1.0

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Length of bicycle facilities (miles)	-	-	-	-	-	-	-	-	-	-	-	-
Length of bicycle facilities per network roadway mile	-	-	-	-	-	-	-	-	-	-	-	-
Length of pedestrian facilities (miles)	-	-	-	-	-	-	-	-	-	-	-	-
Length of pedestrian facilities per network roadway mile	-	-	-	-	-	-	-	-	-	-	-	-
Boardings per 2010 population	0	0	0	0	0	0	0	0	0	0	0	0
Existing ridership (average daily boardings per square mile)	491	3,121	811	796	1,904	2,869	1,285	1,268	1,837	3,121	1,636	491
Ridership potential - existing boardings as a % of 2010 TOI	26%	143%	51%	44%	50%	54%	66%	143%	77%	87%	86%	26%
Number of Special Trip Generators	-	3	-	3	3	2	1	-	1	1	2	1
Transit Orientation Index (HH, Employment and Retail Density) - 2010	1	3	2	2	3	3	2	1	2	3	2	2
2010 TOI ridership (low)	345	9,058	1,506	2,290	9,058	6,336	5,460	345	3,558	7,246	2,624	2,196
2010 TOI ridership (high)	3,450	18,115	3,766	5,725	18,115	12,671	13,651	3,450	8,894	14,491	6,559	5,489
Transit Orientation Index (HH, Employment and Retail Density) - 2030	2	4	3	3	4	4	3	2	3	4	3	3
2030 TOI ridership (low)	3,450	18,115	3,766	5,725	18,115	12,671	13,651	3,450	8,894	14,491	6,559	5,489
2030 TOI ridership (high)	7,532	43,477	7,532	11,450	43,477	30,411	27,302	8,624	17,788	34,779	13,118	10,979