

North Macadam TSDC Overlay - Proposed Rates

	Land Use Code ¹	Trip Generation Data							TSDC Rates			
		Unit of Measure	Daily Vehicle Trips/Unit	Daily Total Person Trips/Unit (Est)	% New Trips	Daily new person trips/unit	Trip Length Miles	Trip length adjustment	MOTORIZED	TRANSIT	NON MOTORIZED	TOTALS
Future Mode Split									75%	12%	13%	
Cost per Trip End									\$ 72	\$ 825	\$ 260	
Residential												
Single Family	210	dwelling	9.57	12.02	100%	12.02	3.5	0.88	\$ 566	\$ 1,214	\$ 397	\$ 2,177
Multiple Family	220	dwelling	6.65	8.35	100%	8.35	3.7	0.93	\$ 416	\$ 843	\$ 276	\$ 1,535
Senior Housing, detached	251	dwelling	3.71	4.66	100%	4.66	2.8	0.70	\$ 176	\$ 470	\$ 154	\$ 800
Accessory Dwelling Unit	1/2 of 210	dwelling	4.79	6.01	100%	6.01	3.5	0.88	\$ 283	\$ 607	\$ 199	\$ 1,089
Rowhouse / Townhouse / Condo	230	dwelling	5.81	7.29	100%	7.29	3.7	0.93	\$ 363	\$ 737	\$ 241	\$ 1,341
Nursing Home	620	bed	2.37	2.98	95%	2.83	2.8	0.70	\$ 107	\$ 286	\$ 93	\$ 486
Congregate Care/Asst Living	253	dwelling	2.02	2.54	95%	2.41	2.8	0.70	\$ 91	\$ 243	\$ 80	\$ 414
Commercial - Services												
Bank	912	sq ft/GFA	148.15	186.01	80%	148.81	1.5	0.38	\$ 3.00	\$ 15.03	\$ 4.92	\$ 22.95
Day Care	520	student	1.29	1.62	85%	1.38	2.0	0.50	\$ 37	\$ 139	\$ 45	\$ 221
Library	590	sq ft/GFA	56.24	70.61	75%	52.96	1.7	0.43	\$ 1.21	\$ 5.35	\$ 1.75	\$ 8.31
Post Office	732	sq ft/GFA	108.19	135.84	75%	101.88	1.7	0.43	\$ 2.33	\$ 10.29	\$ 3.37	\$ 15.99
Hotel/Motel	310	room	8.17	10.26	100%	10.26	4.0	1.00	\$ 552	\$ 1,036	\$ 339	\$ 1,927
Service Station/Gasoline Sales ²	944	VFP	168.56	211.64	40%	84.65	1.7	0.43	\$ 1,937	\$ 8,550	\$ 2,797	\$ 13,284
Movie Theater	444	Screen	153.33	192.51	85%	163.64	2.3	0.58	\$ 5,065	\$ 16,527	\$ 5,407	\$ 26,999
Carwash	947	Wash Stall	108	135.60	65%	88.14	1.6	0.40	\$ 1,898	\$ 8,902	\$ 2,912	\$ 13,712
Health Club	492	sq ft/GFA	32.93	41.35	90%	37.21	3.1	0.78	\$ 1.55	\$ 3.76	\$ 1.23	\$ 6.54
Marina	420	berth	2.96	3.72	90%	3.34	3.1	0.78	\$ 140	\$ 338	\$ 111	\$ 589
Commercial - Institutional												
School, K-12	520, 530	avg student	1.5	1.88	85%	1.60	2.0	0.50	\$ 43	\$ 162	\$ 53	\$ 258
University/College	550	student	2.38	2.99	90%	2.69	3.0	0.75	\$ 109	\$ 272	\$ 89	\$ 470
Church	560	sq ft/GFA	9.11	11.44	95%	10.87	3.7	0.93	\$ 0.54	\$ 1.10	\$ 0.36	\$ 2.00
Hospital	610	sq ft/GFA	16.5	20.72	85%	17.61	5.0	1.25	\$ 1.18	\$ 1.78	\$ 0.58	\$ 3.54
Park	411	acre	1.59	2.00	85%	1.70	5.0	1.25	\$ 114	\$ 171	\$ 56	\$ 341
Commercial - Restaurant												
Restaurant	931	sq ft/GFA	89.95	112.94	75%	84.70	3.4	0.85	\$ 3.88	\$ 8.55	\$ 2.80	\$ 15.23
Quick Service Restaurant (Drive-through)	934	sq ft/GFA	496.12	622.91	40%	249.16	2.0	0.50	\$ 6.71	\$ 25.16	\$ 8.23	\$ 40.10
Commercial - Retail												
Miscellaneous Retail	814	sq ft/GLA	44.32	55.65	50%	27.82	1.7	0.43	\$ 0.64	\$ 2.81	\$ 0.92	\$ 4.37
Shopping Center	820	sq ft/GLA	42.94	53.91	65%	35.04	1.7	0.43	\$ 0.80	\$ 3.54	\$ 1.16	\$ 5.50
Supermarket	850	sq ft/GFA	102.24	128.37	60%	77.02	2.1	0.53	\$ 2.18	\$ 7.78	\$ 2.54	\$ 12.50
Convenience Market ³	851	sq ft/GFA	737.99	926.59	35%	324.31	1.3	0.33	\$ 5.67	\$ 32.75	\$ 10.72	\$ 49.14
Free Standing Discount Store	815	sq ft/GFA	57.24	71.87	70%	50.31	2.1	0.53	\$ 1.42	\$ 5.08	\$ 1.66	\$ 8.16
Car Sales - New/Used	841	sq ft/GFA	33.34	41.86	80%	33.49	4.6	1.15	\$ 2.07	\$ 3.38	\$ 1.11	\$ 6.56
Commercial Office												
Administrative Office	710	sq ft/GFA	11.01	13.82	90%	12.44	5.1	1.28	\$ 0.85	\$ 1.26	\$ 0.41	\$ 2.52
Medical Office/Clinic	720	sq ft/GFA	36.13	45.36	75%	34.02	4.8	1.20	\$ 2.20	\$ 3.44	\$ 1.12	\$ 6.76
Industrial												
Light Industrial / Manufacturing	130	sq ft/GFA	6.96	8.74	90%	7.86	5.1	1.28	\$ 0.54	\$ 0.79	\$ 0.26	\$ 1.59
Warehousing/Storage	150	sq ft/GFA	3.56	4.47	90%	4.02	5.1	1.28	\$ 0.28	\$ 0.41	\$ 0.13	\$ 0.82
Self Storage	151	sq ft/GFA	2.50	3.14	95%	2.98	5.1	1.28	\$ 0.20	\$ 0.30	\$ 0.10	\$ 0.60
Truck Terminal	30	acre	81.90	102.83	100%	102.83	5.1	1.28	\$ 7,058	\$ 10,385	\$ 3,398	\$ 20,841

AVO	1.13
Motorized %	90%

* For uses with Unit of Measure in sq ft, trip rate is given as trips per 1000 sq ft and the TSDC rate is per sq ft

GFA = Gross Floor Area

GLA = Gross Leasable Area

VFP = Vehicle Fueling Positions (Maximum number of vehicles that can be fueled simultaneously)

1) Land Use Code - Reference TRIP GENERATION, 8th Edition, Institute of Transportation Engineers, 2008

2) With or Without Minimart (not to exceed 1,500 SF) and/or Carwash (Fuel is Primary Use)

3) If gasoline sales included on-site, use Service Station/Gasoline Sales SDC rate.