

Emission Reduction Estimates

Project Name	Length (miles)	Vehicle Trip Reduction	VMT Reduced	Functional Class	CO (g/Mile)	VOC (g/Mile)	NOx (g/Mile)	CO (Reduced Kg/Day)	VOC (Reduced Kg/Day)	NOx (Reduced Kg/Day)
TJCOG TDM Program/DCHC area	n/a		51,605					502	29	103
Durham Downtown Wayfinding System	n/a	n/a	2,500	Urban Minor Arterial	9.916	0.433	0.339	33.565	1.567	1.096
City of Durham Bike Facilities II	3.81	1171	1,635	Urban Minor Arterial	9.916	0.433	0.339	16.210	0.708	0.554
City of Durham Neighborhood Bike Routes II+III	8.07	568	835	Urban Local	9.65	0.443	0.335	8.058	0.370	0.280
GoTriangle Transit Access Improvements	n/a	310						4.450	0.225	0.303
Town of Chapel Hill Estes Dr Bike & Ped Improvement	0.80	91	168	Urban Minor Arterial	9.916	0.433	0.339	1.664	0.073	0.057
Chapel Hill Transit Bus Replacement	n/a	n/a	n/a					0.181	0.028	0.935
Town of Carrboro S. Greensboro Sidewalk	0.554	56	69	Urban Minor Arterial	9.916	0.433	0.339	0.686	0.030	0.023