

DRAFT MTP 2045 Goals, Objectives, and Performance Measures

GOALS	OBJECTIVES	PERFORMANCE MEASURES	Benchmark 2015		Target 2045	
			CAMPO	DCHC	CAMPO	DCHC
Environmental & Economic Sustainability	Link land use with transportation	Vehicle Miles Traveled (VMT) per capita	15 miles	10 miles	10 miles (33% less)	7 miles (30% less)
		Average trip travel time	10 miles	8 miles	7.5 miles (25% less)	5 miles (37.5% less)
		Average trip distance				
		Percentage of population within ¼ mile of bus transit service or ½ mile of rail transit service				
		Alternative transportation (bike/ped/transit) mode share in transit corridors				
	Increase funding and funding sources for all transportation modes	Local per capita expenditures on highway projects				
		Local per capita expenditures on non-highway transportation projects				
		Transportation Improvement Program (TIP) (10-year) expenditures in MPO as a percent of the 2045 MTP costs				
	Reduce mobile source emissions, GHG, and energy consumption	Transportation GHG per capita				
		Transportation ozone and CO emissions per capita				
		Mobile energy consumption per capita				
Network Accessibility	Improve accessibility by auto and transit	Percentage of trips less than 15 minutes				
		Percentage of work trips by auto less than 30 minutes				
		Percentage of work trips by transit less than 45 minutes				

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Alternative & Affordable Travel Modes	Enhance transit services	Percentage of transit mode share				
		Percentage of transit mode share in transit corridors				
		Local per capita expenditures on transit services				
	Improve bicycle facilities	Local per capita expenditures on bicycle facilities				
		% increase in connected bike-friendly roads and other safe bicycle facilities				
	Improved utilization of non-auto travel modes	Percentage of non-auto (transit/bike/ped) mode share				
		Percentage of non-auto (transit/bike/ped) mode share in transit corridors				
		Percentage of transit mode share for work commute				
Congestion Reduction & System Reliability	Ensure maximum regional mobility and reliability	Average work-trip travel time during peak hours				
		Percentage of peak period VMT at congestion (V/C > =1.2)				
		Average clearance time for crashes on principal roadways				
	Promote Travel Demand Management (TDM)	Percentage of Single Occupant Vehicle (SOV) mode share for work trips				
		Number of employees included in TDM plans				
		Number of employers providing TDM plans				
	Enhance Intelligent Transportation Systems (ITS)	Percentage of VMT on roadways with real-time transportation information				

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Infrastructure Condition	Increase proportion of transportation infrastructure and other assets in 'Good' condition	Percentage of roads in 'Good' condition				
		Percentage of bridges in 'Good' condition				
		Transportation Improvement Program (TIP) (10-year) expenditures in MPO for roadway maintenance				
Environmental Justice and Community Values	Ensure transportation needs are met for all populations (especially the elderly, economically disadvantaged, mobility impaired, and minorities) ¹	Percentage of Environmental Justice (EJ) population within ¼ mile of bus transit service or ½ mile of rail transit service				
		Does the 2045 MTP meet Environmental Justice requirements?				
	Ensure that transportation priorities align with community values.	Project prioritization process, which reflects community values, is used to select supported projects.				
	Minimize the negative effects of transportation investments to the natural environment and local communities	Did the MTP process use environmental layers to evaluate proposed projects and solicit environmental and community agency input?				
	Enhance public participation	Number of outreach programs offered to targeted populations during MTP development process				
		Number of public participation activities conducted, e.g., public meetings, surveys and public hearings during the 2045 MTP development process				
Safety	Increase safety of triangle region travelers	Number of vehicle accidents per million vehicle miles traveled				
		Pedestrian and bicycle crashes and fatalities per capita				
Freight Movement and Economic Vitality	Improve freight movement	Truck hours of delay per trip Average truck speed on major freight corridors				
		Average truck speed on major freight corridors				
Reduced Project Delivery Delays	Accelerate project completion and improve agencies' work practices	Percentage of TIP highway projects completed on-time				

¹ use NCDOT EJ standards