

Appendix A:

Transportation Terms and Acronyms

Term/Acronym	Definition
AADT	Annual Average Daily Traffic: total volume of vehicle traffic on a highway or roadway for one year divided by 365 days.
ADA	Americans with Disabilities Act of 1990: a civil rights law that prohibits discrimination against persons with disabilities in all areas of public life, including employment, education, transportation, and all public and private places that are open to the general public.
ARRA	American Recovery and Reinvestment Act: law passed by Congress in response to the Great Recession of 2008. The stimulus package included a series of federal government expenditures aimed at countering the job losses in 2008.
ATLAS	Advancing Transportation through Linkages, Automation, and Screening: an NCDOT tool that is a “one stop shop” for all project-related final deliverables, workflow and GIS-based data needed to assist project managers and technical experts in project delivery.
AV	Autonomous Vehicle: vehicle in which some aspect of the vehicle’s control is automated.
CMP	Congestion Management Process: Congestion management is the application of strategies to improve transportation system performance and reliability by reducing the adverse impacts of congestion on the movement of people and goods. A congestion management process (CMP) is a systematic and regionally-accepted approach for managing congestion that provides accurate, up-to-date information on transportation system performance and assesses alternative strategies for congestion management that meet state and local needs.
CTC	Coble Transportation Center: PART-owned bus transfer facility and park-and-ride lot in Greensboro.
CTP	CTP stands for a Comprehensive Transportation Plan, which is a long range multimodal plan that identifies transportation improvement need and proposes solutions for the next 25 to 30 years. Unlike a Metropolitan Transportation Plan (MTP), there is no requirement for a CTP to be a fiscally-constrained plan.
DC Rides	Davidson County Transportation provides on-demand public transportation service as well as several deviated-fixed routes in Davidson County.

Term/Acronym	Definition
DOI	Degree of Impact: analysis used to appropriately identify populations and geographical areas where residents have traditionally not been involved in the planning process, or have been negatively impacted by past transportation decisions.
E+C	Existing Roads plus Committed Projects
EJ	Environmental Justice: the fair treatment and meaningful involvement of all people regardless of race, color, national origin, nor income, with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.
EPRI	Electric Power Research Institute: independent nonprofit organization that conducts research and development related to the generation, delivery, and use of electricity to help address challenges in electricity.
EV	Electric Vehicle: vehicle that runs on an electric motor powered by electric batteries.
FAST Act	Fixing America’s Surface Transportation: funding and authorization bill to govern United States federal surface transportation spending.
FHWA	Federal Highway Administration: provides stewardship over the constructions, maintenance, and preservation of the nation’s highways, bridges and tunnels.
Fiscally-Constrained	Funding sources are reasonably available over the life of the plan to cover the capital and operating cost of the proposed improvement
FRA	Federal Railroad Administration: an agency under the US Department of Transportation that develops and enforces rail safety regulations, administers railroad assistance programs, conducts research and development in support of improved railroad safety and national rail safety policy.
FTA	Federal Transit Administration: an agency under the US Department of Transportation that provides financial and technical assistance to local public transportation systems.
GSO	Piedmont Triad International Airport: airport west of Greensboro, NC that serves the Piedmont Triad region.
HERE	Real-time cell phone data
HSIP	Highway Safety Improvement Plan: provides funding for eligible improvements that reduce fatalities and serious injuries on public roads.
ICM	Integrated Corridor Management: the management of a corridor as a system, rather than the management of individual transportation networks within a corridor.
ITRE	Institute for Transportation Research and Education: NC State University research center that conducts multi-modal transportation research, trains transportation professional, and provides educational opportunities.
ITS	Intelligent Transportation Systems: innovative technologies related to public transit and traffic management that enables users to be better informed and facilitate safer, more coordinated transportation systems.
K Line	Norfolk Southern railway line from Winston-Salem to Greensboro along US 421 and I-40.
LEP	Limited English Proficiency: a person who is not fluent in the English language.
LRTP (see also MTP)	Long Range Transportation Plan, see MTP or Metropolitan Transportation Plan

Term/Acronym	Definition
MAP-21	Moving Ahead for Progress in the 21st Century: a funding and authorization bill to govern federal surface transportation spending.
MIS	Major Investment Study: a high level study to begin to further refine a major transit project.
MPO	Metropolitan Planning Organization: the policy board of an organization created and designated to carry out the metropolitan transportation planning process.
MTP	Metropolitan Transportation Plan (previously known as Long Range Transportation Plan or LRTP): Each Metropolitan Planning Organization (MPO) must prepare a Metropolitan Transportation Plan (MTP), in accordance with 49 USC 5303(i). This plan identifies how the metropolitan area will manage and operate a multi-modal transportation system (including transit, highway, bicycle, pedestrian, and accessible transportation) to meet the region’s economic, transportation, development and sustainability goals – among others. An MTP is required to include at least a 20-year planning horizon and be fiscally constrained.
NCDOT	North Carolina Department of Transportation: agency responsible for building, repairing, and operating highways, bridges, and other modes of transportation in the state of North Carolina.
NCRR	North Carolina Railroad: owner and manager of the 317-mile rail corridor that stretches from Charlotte to the Port Terminal in Morehead City.
NS	Norfolk Southern: a Class I freight railroad in the United States and it the current name of the former Southern Railway.
PART	Piedmont Authority for Regional Transportation: intercity and regional public transportation provider for the Piedmont Triad region.
PBIN	Pedestrian and Bicycle Infrastructure Network: geodatabase that includes data on existing and proposed bicycle and pedestrian facilities throughout North Carolina.
PE	Preliminary Engineering: analysis and design work to produce construction plans, specifications, and cost estimates.
PEV	Plug-In Electric Vehicle: any vehicle that can be recharged from an external source of electricity.
PIP	Public Involvement Plan: provides guidance, techniques and examples for interacting with, informing and involving all members of the public throughout the transportation planning process, design, construction, and implementation.
POP	Program of Projects: list of projects programmed in the MPO’s transportation improvement program.
Powell Bill Funds	State of North Carolina funds to build and maintain major city streets
PSA	Pedestrian Safety Audit: safety performance examination of an existing or future road or intersection
PTRM	Piedmont Triad Regional Travel Demand Model: PART-owned model that predicts future travel patterns.
RSA	Roadway Safety Audit: safety performance examination of an existing or future road or intersection.
SAFETY-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
Smith Reynolds Airport (INT)	Smith Reynolds Airport is a general aviation airport located 3 miles (5 km) northeast of Winston-Salem in Forsyth County, North Carolina. The airport has two runways. Passenger service to Smith Reynolds Airport has been discontinued as of 2000.

Term/Acronym	Definition
SPOT, also see STI Prioritization	Strategic Prioritization Office of Transportation (SPOT/ see also STI Prioritization) is a data-driven, transparent method for prioritizing state and federal transportation funding for projects in North Carolina that is used to develop the State Transportation Improvement Program. This prioritization process is typically repeated on a two-year cycle.
STI Prioritization, also see SPOT	Strategic Transportation Investments law (STI) passed in 2013 directs the North Carolina Department of Transportation to allocate transportation funding through a data-driven process. STI Prioritization, also known as SPOT, is a data-driven, transparent method for prioritizing state and federal transportation funding for projects in North Carolina that is used to develop the State Transportation Improvement Program. This prioritization process is typically repeated on a two-year cycle.
STIP	State Transportation Improvement Program: a 10-year state and federal mandated plan that identifies the construction funding for and scheduling of transportation projects throughout the state.
SUP	Shared Use Path, also known as Multi-Use Path: exclusive right-of-way separate from motorized traffic for bicyclists, pedestrians, skaters, wheelchair users, joggers, and other users.
TAC	Transportation Advisory Committee: serves as a forum for cooperative transportation planning and decision-making for the MPO.
TAZ	Traffic Analysis Zone: unit of geography used in transportation planning models.
TDM	Transportation Demand Management: set of strategies aimed at maximizing alternative commuting options.
TIP	Transportation Improvement Plan: a federally mandated requirement for MPO's to list all transportation projects within the MPO planning area that seek federal funding within a four-year horizon.
Title VI	Part of the Civil Rights Act of 1964, prohibits discrimination in any program receiving federal assistance
TMA	Transportation Management Area: urbanized area with a population of over 200,000.
TOD	Transit Oriented Development: maximizes the amount of residential, business and leisure space within walking distance to public transportation.
TPM	Transportation Performance Management: a strategic approach that uses system information to make investment and policy decisions to achieve national performance goals.
TTI	Travel Time Index: ratio of the travel time during the peak period to the time required to make the same trip during off-peak periods.
UPWP	Unified Planning Work Program: an annual or biennial statement of work identifying the planning priorities and activities to be carried out within a metropolitan planning area.
USDOT	United States Department of Transportation: responsible for planning and coordinating federal transportation projects.
V/C	Volume-to-Capacity Ratio: measures the level of congestion on a roadway by dividing the volume of traffic by the capacity.
WSTA	Winston-Salem Transit Authority: public transportation provider for Winston-Salem and Forsyth County.
WSUAMPO	Winston-Salem Urban Area Metropolitan Planning Organization: responsible for coordinating transportation planning within the region.