

Performance Based Planning & Programming - Glossary of Terms

CMP Congestion Management Process: Process stipulated by federal transportation legislation to provide recommendations for the effective management of congested facilities

CMAQ Congestion, Mitigation and Air Quality: Program established and implemented as part of the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991, to support surface transportation projects and other related efforts that contribute air quality improvements and provide congestion relief

CTP Comprehensive Transportation Plan: A long range plan developed and updated through a collaborative process among citizens and elected officials to envision future transportation needs

FARS Fatality Analysis Reporting System: National database that tracks fatalities and serious injuries for all states

FAST Act Fixing America's Surface Transportation Act: A funding and authorization bill to govern US federal surface transportation spending signed into law in December 2015 (replaced MAP-21)

FHWA Federal Highway Administration: National government agency responsible for surface transportation, including highways, roads, and non-motorized facilities

FTA Federal Transit Administration: The agency that oversees development, operations, maintenance, and safety for transit systems in the US

HPMS Highway Performance Monitoring System: A national level highway information system that includes data on the extent, condition, performance, use and operating characteristics of the nation's highways

HSIP Highway Safety Improvement Program: National program aimed at significantly reducing traffic fatalities and injuries on all public roads

ITS Intelligent Transportation Systems: The application of sensing, analysis, control and communications technologies to ground transportation in order to improve safety, mobility, and efficiency

LOTTR Level of Travel Time Reliability: The ratio of the longer travel times (80th percentile travel time) to a "normal" travel time (50th percentile)

MAP-21 Moving Ahead for Progress in the 21st Century: A funding and authorization bill to govern US federal surface transportation spending signed into law in July 2012

MCM Metrolina CommunityViz Model: the product of a region-wide initiative to develop more consistent and replicable methods for allocating future year socioeconomic data to traffic analysis zones used in the MRM

MRM Metrolina Regional Model: A computer program that forecasts future year demand on existing and planned transportation facilities using anticipated land use, demographic information, and travel patterns unique to the region

MTP Metropolitan Transportation Plan: A long-range planning document that identifies deficiencies, policies, strategies, and projects over a 20-year planning horizon

NBI National Bridge Inventory: A database with information on all bridges and tunnels in the US that have roads passing above or below

NHFP National Highway Freight Program: Program to improve the efficient movement of freight on the National Highway Freight Network (NHFN)

NHPP National Highway Performance Program: Program that provides support for the condition and performance of the NHS, for the construction of new facilities on the NHS, and to ensure that investments of Federal-aid funds in highway construction are directed to support progress toward the achievement of performance targets established in a State's asset management plan for the NHS

NHS National Highway System: A network of strategic highways within the US, including the Interstate Highway System and other roads critical to the nation's economy, defense, and Mobility

NPMRDS National Performance Management Research Data Set: Vehicle probe-based travel time data acquired by FHWA to help state DOTs and MPOs with performance monitoring

NSP National Safety Plan: Plan to guide the national effort in managing safety risks and safety hazards within the Nation's public transportation systems

NTD National Transit Database: Existing national database that presents results of annual transit agency reporting for specific metrics

PCI Pavement Condition Index: A numerical index between 0 and 100 which is used to indicate the general condition of a pavement

PHED Peak Hour Excessive Delay: Annual hours of PHED per capita

PHTR Peak Hour Travel Time Ratio: The ratio of the maximum average peak hour travel time to the “desired” travel time

PTASP Public Transportation Agency Safety Plan: A safety plan that establishes processes and procedures to support the implementation of Safety Management Systems: a comprehensive, collaborative approach to managing safety

SGR State of Good Repair: A numerical condition rating scale ranging from 1 to 5 to describe the relative condition of transit assets as estimated by the TERM; assets are considered to be SGR when the physical condition of that asset is at or above a condition rating value of 2.5 (the mid-point of the marginal range) (Note: An entire transit system is considered to be SGR when all of its assets are rated at or above the 2.5 threshold rating)

SOV Single-Occupant Vehicle: Vehicle with a single occupant (the driver)

STIP Statewide Transportation Improvement Program: A state’s capital improvement program that sets forth the transportation projects the state will fund over at least a four-year period

STP Surface Transportation Program: A program that provides flexible funding that may be used by States and localities for projects to preserve and improve the conditions and performance on any Federal-aid highway, bridge and tunnel projects on public roads, pedestrian and bicycle infrastructure, and transit capital projects.

TAM Transit Asset Management: Model that uses transit asset condition to help prioritize funding to achieve or maintain transit networks in SGR

TERM Transit Economic Requirements Model: FTA model that assesses infrastructure and facilities condition on a scale from 1 (poor) to 5 (excellent)

TMA Transportation Management Area: A metropolitan area with a population of 200,000 or Greater

TTI Travel Time Index: A comparison between the travel conditions in the peak period to free flow conditions

TTR Travel Time Reliability: The consistency or dependability in travel times, as measured from day-to-day and/or across different times of day

TTTR Truck Travel Time Reliability: 95th percentile truck travel time / 50th percentile truck travel time (“normal truck travel time”)

ULB Useful Life Benchmark: The expected lifecycle of a capital asset for a particular Transit Provider’s operating environment, or the acceptable period of use in service for a particular Transit Provider’s operating environment (Note: ULB ≠ Useful life for FTAA grant programs)

VMT Vehicle Miles Traveled (or vehicle miles of travel): A measurement of miles traveled by vehicles within a specified region for a specified time period