

Glossary of Terms

Term	Meaning
511NY	A traveller information system that provides information on emergency events, traffic conditions, work zones, transit conditions, weather forecasts, and more.
Belly Cargo	Air freight carried in the belly of passenger aircraft.
Bicyclist	A person that uses a bicycle for transportation
Breakbulk Cargo	Cargo of non-uniform sizes, often transported on pallets, or in sacks, drums or bags. These cargos require labor-intensive loading and unloading processes. Examples include coffee beans, logs, and pulp.
Bulk Cargo	Cargo that is unbound as loaded; it is without count in a loose unpackaged form. Examples of bulk cargo include coal, grain, and petroleum products.
CAFE Standards	The Corporate Average Fuel Economy (CAFE) standards are regulations in the U.S., first enacted by Congress in 1975, to improve the average fuel economy of cars and light trucks produced for sale in the U.S.
Capital Region	For the purpose of this paper, the “Capital Region” refers to CDTC’s 4 county area (Albany, Rensselaer, Saratoga, and Schenectady), excluding the Town of Moreau and South Glens Falls.
CDTC-area	Albany, Rensselaer, Schenectady and Saratoga Counties (with the exception of the Town of Moreau and the Village of South Glens Falls).
Centerline miles	Represents the total length of a road or highway regardless of the number of lanes.
Climate Crisis/Climate Change	Climate Change and Climate Crisis are used interchangeably throughout New Visions 2050. It refers to the long-term rise in the average temperature of the Earth’s climate system, caused by human activity.
Complete Streets	They are designed and operated to enable safe access for all users, including pedestrians, bicyclists, motorists and transit riders of all ages and abilities. Complete Streets make it easy to cross the street, walk to shops, and bicycle to work. They allow buses to run on time and make it safe for people to walk to and from train stations.
Containerized Cargo	Moved in containers (“boxes”) that are used primarily for ocean freight shipment, and which can be loaded easily and directly onto truck chassis or rail flatcars. Once a container is loaded initially at its origin, its contents are not re-handled until it is unloaded at its final destination. Commonly, these contents are items that are packaged individually and can be counted. Examples include finished products such as automobiles, clothing and appliances.
Crowdsourcing	Collection of data through decentralized means; for example, through social media, smartphone apps, or vehicle sensors. One example of a crowdsourcing platform is Waze, a traffic app that collects roadway condition data from its users.
Drayage	Transporting of rail or ocean freight and goods by truck to an intermediate or final destination; typically a short distance (e.g., from marine port to warehouse).
Electric Vehicle Supply Equipment	Electric vehicle charging infrastructure
Environmental Justice	Environmental justice is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies
Geographic Information Systems	A system designed to capture, store, manipulate, analyze, manage, and present spatial or geographic data.
Global Positioning System	A satellite-based global navigation system
Human Service Transportation	This includes a broad range of transportation service options that are designed to meet the transportation needs of disadvantaged populations including older adults, disabled persons and/or those with lower income.
Intermodal Terminal	A location where links between different transportation modes and networks connect. Using more than one mode of transportation in moving persons and goods. For example, a shipment moved over 1000 miles could travel by truck for one portion of the trip, and then transfer to rail at a designated terminal.
Investment	To allocate money to something with the expectation of a benefit in the future.
iPool2	This is a ride-matching website that matches ride-share partners who have similar

	schedules, destinations and personal preferences. Users enter start locations such as home and/or a park-and-ride lot, and their work locations.
Lane Miles	A lane mile is a mile of roadway in a single driving lane. The total lane mileage of a highway is found by multiplying the centerline mileage of a road by the number of lanes it has. Lane mileage is the total amount of mileage covered by a road's lanes.
Limited English Proficiency	Persons who speak English less than very well
Long range transportation plan	Also known as "Metropolitan Transportation Plan, also known as "Regional Transportation Plan;" this describes the vision for transportation in the region and policies, operational strategies and projects to move toward that vision for the next 20 years.
Metropolitan Planning Organization	Designated by the governor of each state for every urban area with at least 50,000 residents. MPOs develop solutions to regional transportation problems and address other important issues such as land use, air quality, energy, economic development, commerce, and quality of life.
Microtransit	A form of Demand Responsive Transit. This transit service offers flexible routing and/or flexible scheduling of minibus vehicles. Microtransit providers build routes so as to match demand and supply and extend the efficiency and accessibility of the transit service.
Mobility as a Service	Refers to a range of transportation services that is integrated into a single mobility service that is accessible on demand. The aim of MaaS is to provide an alternative to the use of a private car for transportation in a convenient and sustainable way. MaaS incorporates multiple modes into a single payment method.
Mobility Management	See Transportation Demand Management
Mode Share	The percentage of travelers using a particular type of transportation or number of trips using said type. Major Transportation modes include driving alone (single-occupancy vehicles) carpooling (high-occupancy vehicles), transit, and walking/biking.
National Highway System	A network of strategic highways within the United States, including the Interstate Highway System and other roads serving major airports, ports, rail or truck terminals, railway stations, pipeline terminals and other strategic transport facilities.
Operator or Carrier	Charged with moving freight and goods from the shipper to the receiver by land, sea or air, in exchange for a fee.
Paratransit	Transportation services that supplement fixed-route mass transit by providing individualized rides without fixed routes or timetables.
Performance Measures	The U.S. Department of Transportation's Federal Highway Administration has published a rulemaking that proposes new performance measures to assess system performance, freight movement, and the CMAQ program. The proposed regulation calls for an increased level of transparency and accountability in establishing and achieving targets for performance impacting commuters and truck drivers.
PM2 Rule	Pavement and Bridge Condition Performance Measures
Receiver	The destination for freight and goods. May also ship items onward after processing them or adding value.
Ride hailing	See <i>Transportation Network Companies</i>
Ridesharing	An agreement in which passengers travel in a private vehicle together, driven by its owner, for free or a fee. This is commonly referred to as a "carpool."
Shared mobility	Refers to the shared used of a vehicle, bicycle, or other transportation mode. It is a transportation strategy that allows users to access transportation services on an as-needed basis.
Shipper	The party that sends freight and goods.
Smart Growth	An urban planning and transportation planning policy intended to improve neighborhood livability, reduce urban sprawl, and promote environmental sustainability. Smart growth planning advocates for mixed-use land development, transit-oriented development, walkable and bicycle-friendly roadway design, and more.
Stakeholder	Refers to a person with an interest or concern in something.
Telecommute	See "Telework"
Telework	The practice of working from home by making use of the internet, email and telephone
Transit-Oriented Development	A type of urban development intended to promote transit usage by concentrating

	development in the vicinity of transit stops.
Transload	Transfer of bulk cargo from the vehicle/container of one mode to another, en route between a shipper and a receiver.
Transportation Demand Management	Refers to programs, policies and services that make it easier for people to choose a mode of travel other than driving alone in a private car.
Transportation Improvement Program	A list of upcoming transportation projects for at least the next 4 years. Each Metropolitan Planning Organization is federally required to maintain a Transportation Improvement Program for projects within their metropolitan planning area.
Transportation Network Companies	Sometimes referred to as "ride hailing," Transportation Network Companies are companies that use internet-based technology to connect individuals selling driving services with individuals who need transportation. Examples of this type of company that operates in the Capital Region are Uber and Lyft.
TTTR Index	Truck Travel Time Reliability (TTTR) Index, is a performance measure. The TTTR ratio is generated by dividing the 95th percentile time by the normal time (50th percentile) for each segment. The TTTR Index is generated by multiplying each segment's largest ratio of the five periods by its length, then dividing the sum of all length-weighted segments by the total length of Interstate.
Unified Planning Work Program (UPWP)	The "budget"; the UPWP is a federally-required annual or biennial document that summarizes planning work that will be conducted by the Metropolitan Planning Organization.
Vehicle Miles Traveled	The amount of travel for all vehicles in a geographic region over a given period of time, typically a one-year period. It is calculated as the sum of the number of miles traveled by each vehicle.
Vehicle Trip Reduction	This refers to programs that give commuters resources and incentives to reduce their automobile trips.

Glossary of Abbreviations

A/GFTC	Adirondack Glens Falls Transportation Council
ADA	Americans with Disabilities Act
ALIS	Accident Location Information System
APBP	Association of Pedestrian and Bicycle Professionals
AQI	Air Quality Index
ATM	Active Traffic Management
ATSPMs	Automated Traffic Signal Performance Measures
AV	Autonomous Vehicle
AVAIL	Albany Visualization and Informatics Lab (University at Albany)
BLOS	Bicycle Level of Service
BPAC	Bicycle and Pedestrian Advisory Committee
BRT	Bus Rapid Transit
C/AV	Connected and Automated Vehicle
CAFE	Corporate Average Fuel Economy
CDCC	Capital District Clean Communities
CDPHP	Capital District Physicians' Health Plan
CDRPC	Capital District Regional Planning Commission
CDTA	Capital District Transportation Authority
CDTC	Capital District Transportation Committee
CFR	Code of Federal Regulation
CLEAR	Crash Location and Engineering Analysis Repository
CMAQ	Congestion Mitigation Air Quality
CMM	Capability Maturity Model
CMP	Congestion Management Process
CNG	Compressed Natural Gas
CVO	Commercial Vehicle Operations
DLA	Dynamic Lane Assignment
DVRPC	Delaware Valley Regional Planning Commission
EPA	Environmental Protection Agency
EUL	Expected useful life
EV	Electric Vehicle
EVSE	Electric Vehicle Supply Equipment
FAC	Freight Advisory Committee
FARS	Fatality Analysis Reporting System
FAST Act	Fixing America's Surface Transportation Act
FEMA	Federal Emergency Management Administration
FHWA	Federal Highway Administration
FPN	Freight Priority Network
FRA	Federal Rail Administration
FTA	Federal Transit Administration
GEIS	Generic Environmental Impact Statement
GHG	Greenhouse Gas
GIS	Geographic Information Systems
GOER	
GPS	Global Positioning System
GTSC	Governor's Traffic Safety Committee
HCPM	Highway Condition Projection Model
HOT	High Occupancy Toll
HOV	High Occupancy Vehicle
HSIP	Highway Safety Improvement Program
ICM	Integrated Corridor Management
ITS	Intelligent Transportation System
ITSMR	Institute for Traffic Safety Management and Research
LEP	Limited English Proficiency

LOTTR	Level of Travel Time Reliability
LPG	Liquefied petroleum gas
LRSP	Local Road Safety Plan
LRTP	Long Range Transportation Plan
LTS	Level of Traffic Stress
MaaS	Mobility as a Service
MAP 21	Moving Ahead for Progress in the 21st Century
MEP	Mobility Energy Productivity
MPO	Metropolitan Planning Organization
MTP	Metropolitan Transportation Plan
NAAQS	National Ambient Air Quality Standards
NACTO	National Association of City Transportation Officials
NBI	National Bridge Inventory
NCHRP	National Cooperative Highway Research Program
NHS	National Highway System
NHTSA	National Highway Traffic Safety Administration
NOx	Nitrogen Oxides
NPMRDS	National Performance Management Research Data Set
NX	Northway Xpress
NYPTA	New York Public Transportation Association
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
NYSERDA	New York State Energy Research and Development Authority
NYSTA	New York State Thruway Authority
OGS	NYS Office of General Services
PBPP	Performance-based planning and programming
PEV	Plug-in Electric Vehicle
PHED	Peak-hour excessive delay
PHEV	Plug-in Hybrid Electric Vehicle
PILs	Priority Investigation Locations
PM	Particulate Matter
PSAP	Pedestrian Safety Action Plan
PTI	Planning Time Index
RIS	NYSDOT Roadway Inventory System
ROSAC	Regional Operations and Safety Advisory Committee
RTCC	Regional Transportation Coordination Committee
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act
SHSP	Strategic Highway Safety Plan
SOV	Single-occupancy vehicle
STAR	Special Transit Service Available by Request
STIP	State Transportation Improvement Program
STOA	Statewide Mass Transportation Operating Assistance Program
SWG	Safety Working Group
TAM	Transit Asset Management
TAMP	Transportation Asset Management Plan
TDM	Transportation/Travel Demand Management
TDP	Transit Development Plan
TIP	Transportation Improvement Program
TMC	Transportation Management Center
TNC	Transportation Network Company
TPI	Transit Propensity Index
TSMO	Transportation Systems Management and Operations
TSP	Transit Signal Priority
TSSR	Traffic Safety Statistical Repository
TTTR	Truck Travel Time Reliability
ULB	Useful life benchmark

UPWP	Unified Planning Work Program
USDOE	U.S. Department of Energy
USDOT	United States Department of Transportation
VERPAT	VisionEval Rapid Assessment Tool
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compounds
VRM	Vehicle Revenue Miles
VTR	Vehicle Trip Reduction
WIM	Weigh-in-motion stations
ZEV	Zero Emission Vehicle