2055 Metropolitan Transportation Plan

FINAL

March 2026

CRTPO

Charlotte Regional Transportation Planning Organization

RESOLUTION

ADOPTED BY THE CHARLOTTE REGIONAL TRANSPORTATION PLANNING ORGANIZATION APPROVING THE 2055 METROPOLITAN TRANSPORTATION PLAN

WHEREAS, the Charlotte Regional Transportation Planning Organization (CRTPO) and the North Carolina Department of Transportation (NCDOT) are actively involved in transportation planning for the CRTPO planning area; and

WHEREAS, the CRTPO policy board is the duly recognized transportation decision-making body for the 3-C transportation planning process for the Charlotte urbanized area pursuant to 23 CFR Part 134; and

WHEREAS, the CRTPO Technical Coordinating Committee (TCC) and policy board have prepared an update to the 2050 Metropolitan Transportation Plan for the CRTPO; and

WHEREAS, it is recognized that the proper movement of traffic within and through the CRTPO Metropolitan Planning Area is a highly desirable element of the 2055 Metropolitan Transportation Plan for the orderly growth and development of the region; and

WHEREAS, after the full study of the updated 2050 Metropolitan Transportation Plan, the policy board of the CRTPO finds that the 2055 Metropolitan Transportation Plan meets the goals and objectives for the CRTPO; and

WHEREAS, after the full study the CRTPO finds that the 2055 Metropolitan Transportation Plan meets the requirements of 23 USC 134; and

WHEREAS, the 2055 Metropolitan Transportation Plan has at least a 20-year horizon and is fiscally constrained pursuant to 23 CFR Part 450.322; and

WHEREAS, the public has had the opportunity to review and comment on the 2055 Metropolitan Transportation Plan through public meetings and document sharing.

NOW THEREFORE BE IT RESOLVED that the Charlotte Regional Transportation Planning Organization approves and endorses the 2055 Metropolitan Transportation Plan as prepared by the Technical Coordinating Committee, policy board and the North Carolina Department of Transportation on this the 25th day of March, 2026.

****

I, Bradley Richardson, Chair of the Charlotte Regional Transportation Planning Organization, do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Charlotte Regional Transportation Planning Organization, duly held on this the 25th day of March, 2026.

Bradley Richardson, Chair

Neil Burke, Secretary

RESOLUTION

FINDING THE CHARLOTTE REGIONAL TRANSPORTATION PLANNING ORGANIZATION 2055 METROPOLITAN TRANSPORTATION PLAN AND THE 2026-2035 METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM IN COMPLIANCE WITH THE PROVISIONS OF 23 USC 134

WHEREAS, the Charlotte Regional Transportation Planning Organization (CRTPO) is the duly recognized decision-making body for the 3-C transportation planning process for the Charlotte urbanized area; and

WHEREAS, the CRTPO 2055 Metropolitan Transportation Plan meets the planning requirements of 23 CFR Part 450.322; and

WHEREAS, the CRTPO 2026-2035 Transportation Improvement Program is a direct subset of the 2055 Metropolitan Transportation Plan; and

WHEREAS, the United States Environmental Protection Agency designated the CRTPO as a marginal non-attainment area for the 2008 ozone standard effective on July 20, 2012 and due to improved air quality in the region was re-designated as a maintenance area on August 27, 2015; and

WHEREAS, the transportation conformity analysis of the CRTPO 2055 Metropolitan Transportation Plan is based on the most recent estimates of population, employment, travel and congestion; and

WHEREAS, the CRTPO 2055 Metropolitan Transportation Plan is financially constrained; and

WHEREAS, there are no transportation control measures in the North Carolina State Implementation Plan (SIP) that pertain to the CRTPO planning area; and

WHEREAS, the most recent vehicle emissions model was used to prepare the quantitative emissions analysis; and

WHEREAS, those project and programs included in the CRTPO 2055 Metropolitan Transportation Plan contribute to annual emissions reductions as shown by the quantitative emissions analysis.

NOW, THEREFORE BE IT RESOLVED that the Charlotte Regional Transportation Planning Organization finds that both the 2055 Metropolitan Transportation Plan and the 2026-2035 Transportation Improvement Program conform to the purpose of the North Carolina State Implementation Plan (or base year emissions, in areas where no State Implementation Plan is approved for found adequate by the EPA) in accordance with the Clean Air Act as Amended and 23 USC 134 on this the 25th day of March, 2026.

****

I, Bradley Richardson, Chair of the Charlotte Regional Transportation Planning Organization, do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Charlotte Regional Transportation Planning Organization, duly held on this the 25th day of March, 2026.

Bradley Richardson, Chair

Neil Burke, Secretary

ACKNOWLEDGMENTS

The Charlotte Regional Transportation Planning Organization (CRTPO) relies on staff from throughout the planning area to contribute to its transportation planning efforts, including the development of the Metropolitan Transportation Plan (MTP). Three committees were formed to provide guidance for the MTP update: the Advisory Committee, the Steering Committee, and the Roadway Ranking Review Committee. Committee members are representatives of the CRTPO's Technical Coordinating Committee (TCC), the North Carolina Department of Transportation (NCDOT), member jurisdictions, and other transportation planning agency partners. The CRTPO staff greatly appreciates the contributions of all participating committee members.

Advisory Committee

Name	Position/Agency
Megan Green	Air Quality
Loretta Barren	Federal Highway Administration (FHWA)
George Hoops	FHWA
Suzette Morales	FHWA
Dave Campbell	TCC Focus Area Representative, Bicycle
Gwen Cook	TCC Focus Area Representative, Greenway
Tracy Houk	TCC Focus Area Representative, Pedestrian
Dianne Thomas	TCC Focus Area Representative, Public Health
Heather Maloney	Jurisdiction Representative
Aaron Tucker	Jurisdiction Representative
Dana Stoogenke	Jurisdiction Representative
Andrew Ventresca	Jurisdiction Representative
James Kelly	Jurisdiction Representative
Bjorn Hansen	Jurisdiction Representative
Theo Ghitea	North Carolina Department of Transportation (NCDOT)
Roger Castillo	NCDOT
Anil Panicker	NCDOT
Alex Rotenberry	NCDOT

Note: MTP Steering Committee members also participated on the Advisory Committee

Steering Committee

Name	Position/Agency
Andy Grzymski	Centralina Regional Council
Kendall Clanton	CRTPO
Neil Burke	CRTPO
Robert Cook	CRTPO
Judy Dellert	CRTPO
Merritt McCully	CRTPO
Travis Johnson	CRTPO
Johanna Quinn	Charlotte Department of Transportation (CDOT)
Martin Kinnamon	Metrolina Regional Travel Demand Model
Brian Horton	Charlotte Area Transit System (CATS)
Kathy Cornett	Charlotte Planning, Design, and Development

Roadway Ranking Review Committee (R3C)

Name	Position/Agency
Aaron Tucker	Jurisdiction Representative (Cornelius)
Johanna Quinn	Jurisdiction Representative (Charlotte)
Andrew Ventresca	Jurisdiction Representative (Troutman)
Matthew Kirkendall	Jurisdiction Representative (Statesville)
Heather Maloney	Jurisdiction Representative (Huntersville)
Bjorn Hansen	Jurisdiction Representative (Union County)
Martin Kinnamon	Metrolina Regional Travel Demand Model
Theo Ghitea	NCDOT
Sean Epperson	NCDOT
Neil Burke	CRTPO
Travis Johnson	CRTPO
Kendall Clanton	CRTPO

ACRONYMS

AADT	Annual Average Daily Traffic
AC	Advisory Committee
ADA	Americans with Disabilities Act
ATC	Active Transportation Corridors
BPWG	Bicycle and Pedestrian Work Group
BRT	Bus Rapid Transit
CASSI	Connected Autonomous Shuttle Supporting Innovation Program
CATS	Charlotte Area Transit System
CAV	Connected and Automated Vehicles
CDOT	Charlotte Department of Transportation
CIG	Capital Investment Grant
CLT	Charlotte-Douglas International Airport
CMAQ	Congestion Mitigation and Air Quality
CMP	Congestion Management Process
COG	Council of Governments
CRC	Centralina Regional Council
CRP	Carbon Reduction Program
CRTPO	Charlotte Regional Transportation Planning Organization
CTP	Comprehensive Transportation Plan
EPA	Environmental Protection Agency
EV	Electric Vehicle
FAV	Fully Autonomous Vehicle
FHWA	Federal Highway Administration
GCLMPO	Gaston-Cleveland-Lincoln Metropolitan Planning Organization
GHG	Greenhouse Gases
HHS	US Department of Health and Human Services
HOT	High-Occupancy Toll Lane
HOV	High-Occupancy Vehicle
HTA	Housing and Transportation Affordability
ICATS	Iredell County Area Transit System
IIJA	Infrastructure Investment and Jobs Act
ITS	Intelligent Transportation Systems
ITS SDP	Intelligent Transportation Systems Strategic Deployment Plan
LEHD	Longitudinal Employer-Household Dynamics
LPA	Locally Preferred Alternatives
MCM v3.0	Metrolina CommunityViz Model 3.0
MOS	Minimum Operable Segment
MRM	Metrolina Regional Model
MSA	Metropolitan Statistical Area
MTC	Metropolitan Transit Commission
MTP	Metropolitan Transportation Plan
MTS	Mecklenburg Transportation System
MVMT	Million Vehicle Miles of Travel
NCBOT	NC Board of Transportation
NC-CAV	NC Transportation Center of Excellence on Connected and Autonomous Vehicle Technology
NCDOT	North Carolina Department of Transportation
NCTA	North Carolina Turnpike Authority
NHFP	National Highway Freight Program
NHS	National Highway System
NTD	National Transit Database
OSBM	NC Office of State Budget and Management
PHED	Peak-Hour Excessive Delay
PIP	Public Involvement Plan
RIP	Resilience Improvement Plan
RPO	Rural Planning Organization

SC	Steering Committee
SOV	Single Occupancy Vehicle
STBG-DA	Surface Transportation Block Grant - Direct Attributable
STI	Strategic Transportation Investments
STIP	State Transportation Improvement Program
STRAHNET	Strategic Highway Network
SVH	Statesville Regional Airport
TAP	Transportation Alternatives Program
TA	Transportation Alternatives
TCC	Technical Coordinating Committee
TDI	Transportation Disadvantaged Index
TIP	Transportation Improvement Program
TMA	Transportation Management Area
TPL	Trust for Public Land
TPWG	Transit Providers Work Group
TSMO	Transportation Systems Management and Operations
TSP	Transit System Plan
TTI	Travel Time Index
UCT	Union County Transportation
USDOT	United States Department of Transportation
VMT	Vehicle Miles Traveled

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