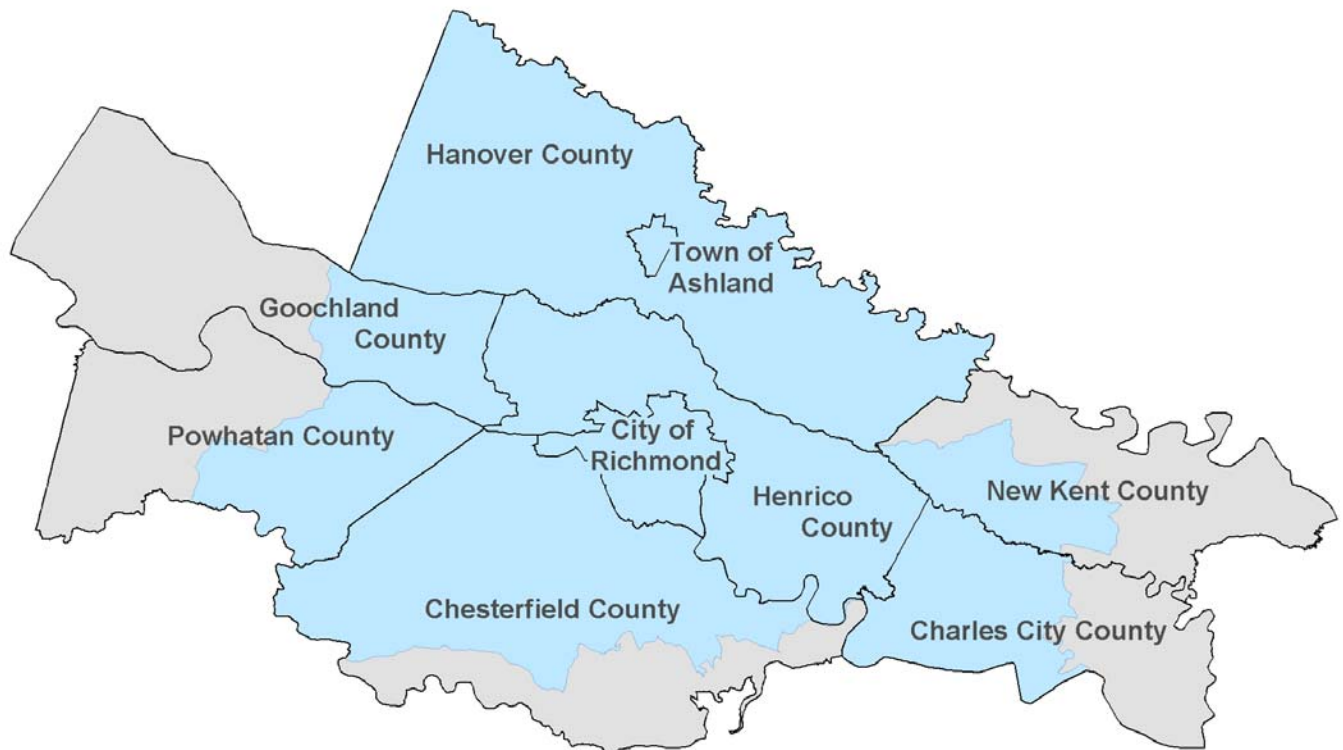


# Richmond Area MPO

## 2026 LONG-RANGE TRANSPORTATION PLAN

April 8, 2004



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**Richmond Regional Planning District Commission**  
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## Acknowledgment

Prepared in cooperation with the U.S. Department of Transportation, Federal Highway Administration, Federal Transit Administration, Virginia Department of Rail and Public Transportation, and the Virginia Department of Transportation.

## Disclaimer

The contents of this report reflect the views of the Richmond Area Metropolitan Planning Organization. The Richmond Regional Planning District Commission is responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the Federal Highway Administration (FHWA), the Federal Transit Administration (FTA), the Virginia Department of Rail and Public Transportation (VDRPT), the Virginia Department of Transportation (VDOT), or the Richmond Regional Planning District Commission (RRPDC). This report does not constitute a standard, specification, or regulation.

The FHWA, FTA, VDRPT, or VDOT acceptance of this report as evidence of the fulfillment of the objectives of this planning study does not constitute endorsement/approval of the need for any recommended improvements nor does it constitute approval of their location and design or a commitment to fund any such improvements. Additional project level environmental impact assessments and/or studies of alternatives may be necessary.

As each of these projects in the LRTP is implemented, coordination, agreement, and independent approval of the participating local jurisdiction is required. No part of this LRTP is to be interpreted as to diminish the authority of local jurisdictions in the area of land use and transportation improvements.

## Long-Range Transportation Plan Advisory Task Force

Established by the MPO July 11, 2002 Viktoria W. Badger, Chairman			
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<u>New Kent County</u> George W. Homewood			

\*Alternates

## Richmond Area Metropolitan Planning Organization

The Richmond Area Metropolitan Planning Organization (MPO) is the federal and state designated regional transportation planning organization that serves as a forum for cooperative transportation decision making in the Richmond area. The Richmond Regional Planning District Commission is the contracting agent and staff for the Richmond Area MPO.

<b>Members</b>			
<u>Town of Ashland</u> Angela L. LaCombe Faye O. Prichard*	<u>Hanover County</u> Rebecca G. Draper Robert R. Setliff John E. Gordon David P. Maloney* Timothy E. Ernst* Joseph E. Vidunas*	<u>City of Richmond</u> Peter R. Grimm William J. Pantele Diane M. Linderman Mohammad Zaid Viktoria W. Badger* William E. Harrell* William E. Henley* William E. Johnson*	<i>Non Voting Members</i>  <u>CTAC</u> Barbara Nelson Robert F. Bredehoff*  <u>FHWA</u> Ivan Rucker  <u>FTA</u> Patricia Kampf  <u>MPO Chairman's Citizen Appointees</u> Vacant  <u>Ridefinders</u> LaVonia S. Tisddale  <u>VA Dept. of Aviation</u> P. Clifford Burnette, Jr.  <u>VDRPT</u> Jack E. Apostolides
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<u>Chesterfield County</u> Edward B. Barber Richard M. "Dickie" King R. John McCracken Sherman W. Litton Stan Newcomb* Barbara K. Smith* Steven E. Simonson* James R. Banks*	<u>New Kent County</u> D. M. "Marty" Sparks Stran L. Trout George M. Homewood* Gary F. Christie*	<u>RMA</u> Robert M. Berry James B. Kennedy*	
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Planning District Commission

Metropolitan Planning Organization

Town of  
Ashland  
Counties of  
Charles City  
Chesterfield  
Goochland  
Hanover  
Henrico  
New Kent  
Powhatan  
City of  
Richmond  
Executive Director  
Paul E. Fisher

**MPO RESOLUTION 4/04; ITEM III.D**

**2026 LONG-RANGE TRANSPORTATION PLAN (LRTP)**

**Richmond Area Metropolitan Planning Organization**

On motion of Edward B. Barber, seconded by Sherman W. Litton, the Richmond Area Metropolitan Planning Organization unanimously approved the following resolution:

**RESOLVED**, that the Richmond Area Metropolitan Planning Organization (MPO) finds the *2026 Long-Range Transportation Plan* (LRTP) to be in conformance with all applicable federal requirements for air quality conformity analysis and accepts the conformity analysis findings as presented; and

**BE IT FURTHER RESOLVED**, that the MPO adopts the 2026 LRTP and *Congestion Management System (CMS)* as presented and amended subject to incorporation of staff response comments noted in the final public review documentation, and edit and format corrections.

\*\*\*\*\*

This is to certify that the Richmond Area Metropolitan Planning Organization (MPO) approved the above resolution at its meeting held April 8, 2004.

WITNESS:

BY:

Katherine E. Barrett  
Executive Secretary  
Richmond Regional Planning  
District Commission

Daniel N. Lysy  
MPO Secretary

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## FREQUENTLY USED MPO TERMS AND ABBREVIATIONS

<b>"3-C" Process</b>	"Continuing, Cooperative and Comprehensive"; Language from federal legislation establishing MPOs and used in reference to the regional transportation planning and programming process.
<b>ADT</b>	Average Daily Traffic; used in conjunction with current and projected traffic volumes.
<b>CAO</b>	Chief Administrative Officer
<b>CARE</b>	Community Assisted Ride Enterprise; program operated by GRTC providing demand-response paratransit service for the elderly and disabled in the City of Richmond and Henrico County.
<b>CFR</b>	Code of Federal Regulation
<b>CMAQ</b>	Congestion Mitigation/Air Quality funds also available for eligible planning activities leading to project implementation.
<b>CMS</b>	Congestion Management System; transportation management areas – like the Richmond region – must develop a CMS that both identifies and evaluates projects and strategies aimed at reducing traffic congestion and increasing the mobility of people and goods. The Richmond Area CMS is updated every three years in conjunction with the LRTP.
<b>COA</b>	Comprehensive Operational Analysis
<b>CTB</b>	Commonwealth Transportation Board
<b>FY</b>	Fiscal Year (July 1 to June 30)
<b>GIS</b>	Geographic Information System
<b>GPS</b>	Global Positioning System
<b>HOV</b>	High Occupancy Vehicle
<b>ITS</b>	Intelligent Transportation Systems
<b>Local Match</b>	Funds required by recipients of federal and state grant funds.
<b>LOS</b>	Level of Service
<b>LRTP</b>	Long-Range Transportation Plan. The MPO's adopted LRTP serves as the initial step and framework in developing a regionally based network of transportation facilities and services that meets travel needs in the most efficient and effective manner possible.
<b>MSA</b>	Metropolitan Statistical Area. The Richmond/Petersburg MSA includes the cities of Colonial Heights, Hopewell, Petersburg, and Richmond; the counties of Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George; and the Town of Ashland.
<b>MPO</b>	Metropolitan Planning Organization. The Richmond Area MPO's membership includes the following local governments and agencies: Town of Ashland; Counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent, and Powhatan; City of Richmond, CRAC, GRTC, RMA, RRPDC, VDOT, VDRPT, Ridefinders, FHWA, FTA, and VDA; serves as the forum for cooperative transportation decision making in the Richmond area.

<b>NAAQS</b>	National Ambient Air Quality Standards; Federal standards defined by EPA that set allowable concentrations and exposure limits for various pollutants.
<b>NHS</b>	National Highway System
<b>NO<sub>x</sub></b>	Nitrogen oxides
<b>Ozone</b>	A secondary pollutant formed when VOCs and NO <sub>x</sub> combine in the presence of sunlight. Ozone is associated with smog or haze conditions. Although ozone in the upper atmosphere protects us from harmful ultraviolet rays, ground level ozone produces an unhealthy environment in which to live.
<b>PE</b>	Preliminary Engineering
<b>PL</b>	Planning funds available from FHWA for MPO program activities.
<b>RFP</b>	Request for Proposals; process used for reviewing and selecting proposals for consultant study activities (goods and non-professional services).
<b>RFQ</b>	Request for Quotes (Consultant Services).
<b>ROW</b>	Right-of-Way
<b>RSTP</b>	Regional Surface Transportation Program
<b>Section 5303</b>	Planning funds available from the FTA for MPO program activities.
<b>SIP</b>	State Implementation Plan; A plan mandated by the CAA that identifies control measures and processes for achieving and maintaining NAAQS.
<b>SOV</b>	Single Occupant Vehicle
<b>SPR</b>	State Planning and Research; funds allocated to VDOT in support of MPO program activities.
<b>STIP</b>	State Transportation Implementation Program; A staged multi-year, intermodal program of transportation projects, consistent with the statewide transportation plan and planning process as well as metropolitan plans, TIPs, and processes.
<b>STP</b>	Surface Transportation Program
<b>Study Area</b>	The area projected to become urbanized within the next 20 years; defines the area for MPO plans, programs, and studies.
<b>TAZ</b>	Transportation or Traffic Analysis Zone; Generally defined as areas of homogeneous activity served by one or two major highways. TAZs serve as the base unit for socioeconomic data characteristics used in various plans and studies.
<b>TCM</b>	Transportation Control Measures (for Air Quality); eligible for CMAQ funding.
<b>TDM</b>	Transportation Demand Management; Programs designed to reduce the demand for transportation through various means, such as the use of transit, ridesharing, and alternative work hours.
<b>TEIF</b>	Transportation Efficiency Improvement Fund; purpose of program is to reduce traffic congestion by supporting transportation demand management programs designed to reduce use of single occupant vehicles and increase use of high occupancy vehicle modes; operated by the Commonwealth Transportation Board.

<b>TIP</b>	Transportation Improvement Program; a staged, multiyear, intermodal program of transportation projects that is consistent with the transportation plan.
<b>TMA</b>	Transportation Management Area (i.e., MPO's greater than 200,000 in population)
<b>Urbanized Area</b>	Term used by the U.S. Census Bureau to designate urban areas. These areas generally contain population densities of at least 1,000 persons per square mile in a continuously built-up area of at least 50,000 persons. Factors such as commercial and industrial development, and other types and forms of urban activity centers are also considered.
<b>UWP</b>	Unified Work Program; MPO's program of work activities noting planning priorities, assigned staffs, work products, budgets, and funding sources.
<b>VMT</b>	Vehicle Miles Traveled
<b>VOC</b>	Volatile Organic Compounds; emissions from cars, power plants, etc; when VOCs react with oxides of nitrogen (NO <sub>x</sub> ) in the presence of heat and sunlight to produce ground level ozone or smog.

### **MPO STANDING COMMITTEES**

<b>CTAC</b>	Citizens Transportation Advisory Committee
<b>EDAC</b>	Elderly and Disabled Advisory Committee
<b>TAC</b>	Technical Advisory Committee

### **FEDERAL, STATE, AND REGIONAL AGENCIES**

<b>CRAC</b>	Capital Region Airport Commission
<b>EPA</b>	Federal Environmental Protection Agency
<b>FAA</b>	Federal Aviation Administrators
<b>FHWA</b>	Federal Highway Administration
<b>FRA</b>	Federal Railroad Administration
<b>FTA</b>	Federal Transit Administration
<b>GRTC</b>	Greater Richmond Transit Company
<b>MRAQC</b>	Metropolitan Richmond Air Quality Committee
<b>RideFinders</b>	A public, nonprofit corporation that provides carpool/vanpool matching and other commuter and transportation services.
<b>MARAD</b>	Maritime Administration
<b>RMA</b>	Richmond Metropolitan Authority
<b>RRPDC</b>	Richmond Regional Planning District Commission
<b>USDOT</b>	United States Department of Transportation
<b>VDA</b>	Virginia Department of Aviation

<b>VDEQ</b>	Virginia Department of Environmental Quality
<b>VDOT</b>	Virginia Department of Transportation
<b>VDRPT</b>	Virginia Department of Rail and Public Transportation
<b>VTRC</b>	Virginia Transportation Research Council

## **FEDERAL LEGISLATION**

<b>ADA of 1990</b>	Americans With Disabilities Act
<b>CAAA of 1990</b>	Clean Air Act Amendments
<b>ISTEA</b>	Intermodal Surface Transportation Efficiency Act of 1991; Legislative initiative by the US Congress that restructured funding for transportation programs; authorized an increased role for regional planning commissions/MPOs in funding decisions; and required comprehensive regional and statewide long-term transportation plans.
<b>NEPA</b>	National Environmental Policy Act of 1991
<b>TEA-21</b>	Transportation Equity Act for the 21 <sup>st</sup> Century; signed into law on June 9, 1998. Authorizes federal funds for highway, highway safety, transit, and other surface transportation programs for the next six years. Builds on and continues many of the initiatives established in the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991.