



Roanoke Valley-Alleghany
REGIONAL
commission

FY 2014/15

COMPREHENSIVE WORK PROGRAM

ADOPTED MAY, 2014

REGIONAL PLANNING OVERVIEW
COMMUNITY DEVELOPMENT BLOCK
GRANTS LONG RANGE TRANSPOR-
TATION PLANNING AIR QUALITY IM-
PROVEMENT ROANOKE VALLEY AL-
LEGHANY REGIONAL COMMISSION
ENVIRONMENTAL PLANNING GEO-
GRAPHIC INFORMATION SYSTEM RE-
GIONAL LEADERSHIP HOUSING AND
URBAN DEVELOPMENT LAND USE
MAPPING IMPACT ANALYSIS TRANS-
PORTATION DEMAND MANAGEMENT
METROPOLITAN PLANNING ORGA-
NIZATION REGIONAL COILLABO-
RATION ALLEGHANY BOONES MILL
BOTETOURT CLIFTON FORGE COV-
INGTON CRAIG FRANKLIN COUNTY
ROANOKE ROCKY MOUNT SALEM
VINTON ECONOMIC DEVELOPMENT
PLANNING PARTNERSHIP FOR A LIV-
ABLE ROANOKE VALLEY ROANOKE
VALLEY BROADBAND AUTHORITY
STORMWATER MANAGEMENT PRE-DI-
SASTER MITIGATION SUPPORT UPPER
JAMES RIVER CONSERVATION ROA-
NOKE RIVER BLUE WAY MAPPING RE-
GIONAL FOOD SYSTEM TREE CANOPY
PROTECTION HOMELESSNESS GRANT
WRITING IMPLAN STATE DATA RIDE
SOLUTIONS ALTERNATIVE TRANS-
PORTATION SAVEATON VOLUNTEERS
FOR ENERGY TECHINCAL ASSIS-
TANCE CORRIDOR STUDIES CON-
GESTION MANAGEMENT PROCESS
BICYCLE PLANNING COMPREHEN-
SIVE PLANNING PEDESTRIAN AND
TRANSIT VISION PLAN PASSENGER
RAIL AND PUBLIC TRANSIT COORDI-
NATION GOOGLE TRANSIT RURAL
BICYCLE PLANNING TRAIL MAPPING
GREENWAYS WATERSHED LIVABILITY

ROANOKE VALLEY-ALLEGHANY REGIONAL COMMISSION

FY 2015 Comprehensive Work Program

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NOTES:

AICP	American Institute of Certified Planners
CZA	Certified Zoning Administrator
LEED AP	Leadership in Energy & Environmental Design Accredited Professional
LEED GA	Leadership in Energy & Environmental Design Green Associate



Roanoke Valley-Alleghany

REGIONAL commission

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OVERVIEW

The annual Comprehensive Work Program is the basis for achieving the objectives and strategies outlined in the Roanoke Valley Alleghany Regional Commission's Strategic Plan. The Commission strives to maximize its limited staff and resources by developing a comprehensive work plan based on current needs and priorities of the region.

This Work Program is a compilation of projects presented by Commission members, Chief Administrative Officials, the Roanoke Valley Area Metropolitan Planning Organization (RVAMPO) Policy Board, regional economic development-related organizations and staff. Projects are reviewed and ranked according to importance, funding availability, staff time and other constraints. The intent is to obtain the most benefit from the least direct cost to the local governments. Requests not included in this year's work program are added to a list of potential projects for future work programs. These potential projects may be included in next year's work program if the need still exists and funding is available.

The work program is revised annually and may be amended as deemed necessary by the member governments that we serve.

Members of the FY 2015 Work Program Committee:

Charles Wagner, *Committee Chair* – Board of Supervisors, Franklin County

Shannon Cox – Board of Supervisors, Alleghany County

Billy Martin, Sr. – Board of Supervisors, Botetourt County

Martha Murphy – Board of Supervisors, Craig County

Charlotte Moore – Board of Supervisors, Roanoke County

William B. Zimmerman, Jr. – City Council, City of Covington

Ray Ferris – City Council, City of Roanoke

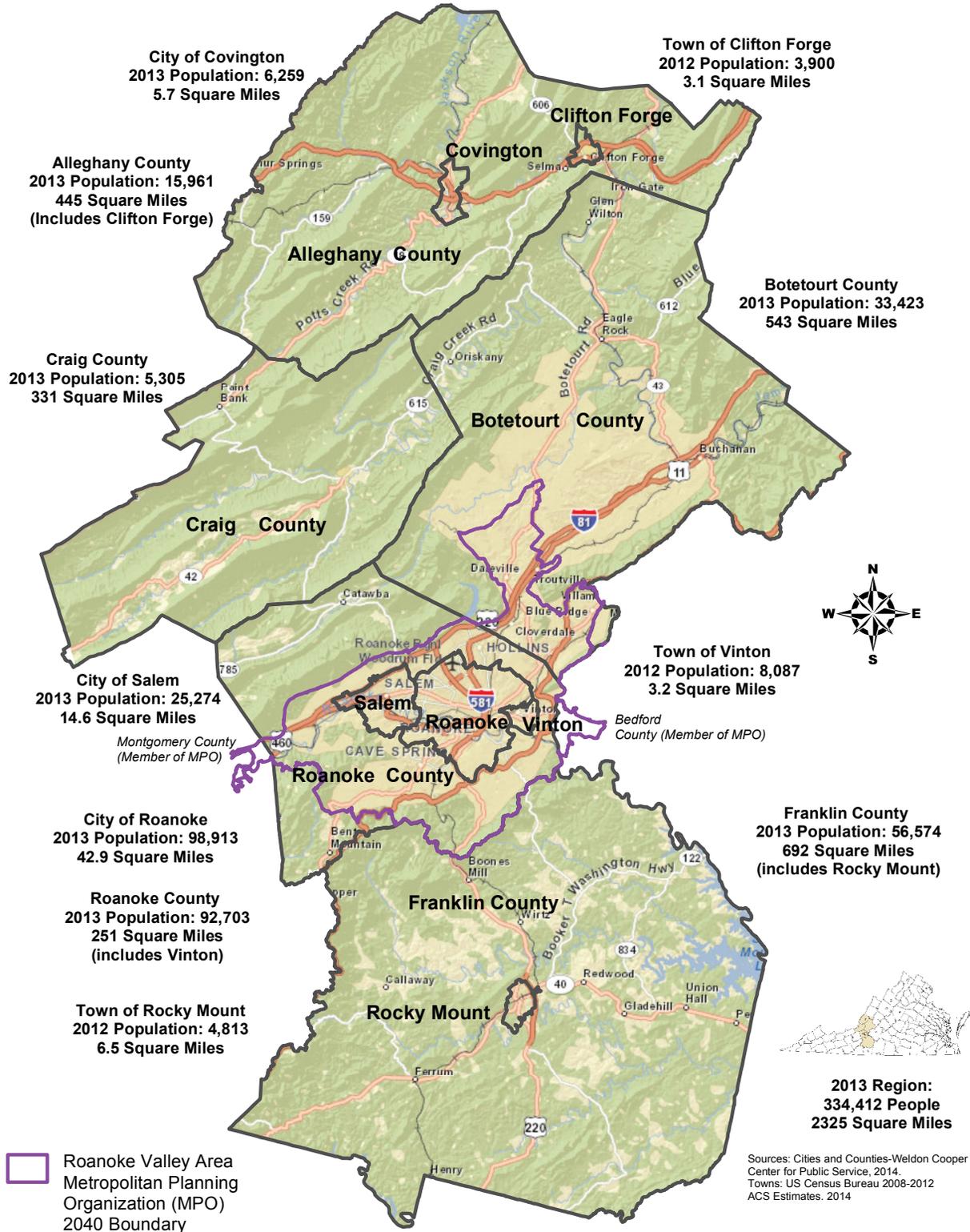
Johnette Roberts – Town Council, Town of Clifton Forge

James Ervin – Town Manager, Town of Rocky Mount

Mayor Brad Grose – Town of Vinton

Jane Johnson – Salem City Council and Regional Commission Chair (*Ex-Officio Member*)

ROANOKE VALLEY-ALLEGHANY REGION



Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2013

ACRONYM DESCRIPTIONS

AICP	American Institute of Certified Planners	PLRV	Partnership for a Livable Roanoke Valley
APA	American Planning Association	PM	Particulate Matter
ARC	Appalachian Regional Commission	PPB	Parts per Billion
CAC	Citizens Advisory Committee	RADAR	Roanoke Area Dial a Ride
CDBG	Community Development Block Grant	RSTP	Regional Surface Transportation Program
CLRTP	Constrained Long Range Transportation Plan	RVARC	Roanoke Valley-Alleghany Regional Commission (Cities of Covington, Roanoke and Salem, Counties of Alleghany, Botetourt, Craig, Franklin and Roanoke and Towns of Clifton Forge, Rocky Mount and Vinton)
CMAQ	Congestion Mitigation & Air Quality Improvement Program	RVAMPO	Roanoke Valley Area Metropolitan Planning Organization (Cities of Roanoke and Salem, Counties of Bedford, Botetourt, Montgomery and Roanoke, Town of Vinton)
CMP	Congestion Management Plan	SPR	State Planning Research funds (Virginia Department of Transportation)
CTB	Commonwealth Transportation Board	SYIP	Six Year Improvement Plan
DEQ	Department of Environmental Quality	TA	Transportation Alternatives
DHCD	Department of Housing & Community Development	TAZ	Transportation Analysis Zones
EPA	Environmental Protection Agency	TE	Transportation Enhancement
FHWA	Federal Highway Administration	TDM	Transportation Demand Management
FTA	Federal Transit Administration	TDP	Transit Development Plan
GHG	Green House Gas	TIP	Transportation Improvement Program
GIS	Geographic Information System	TMA	Transportation Management Area
GRTC	Greater Roanoke Transit Company	TMDL	Total Maximum Daily Load
HCS	Highway Capacity Software	UPWP	Unified Planning Work Program
HUD	Department of Housing & Urban Development	USDOT	United States Department of Transportation
IMPLAN®	Impact Analysis for Planning Software	UHSTS	Unified Human Services Transportation System
LRTDMP	Long Range Transportation Demand Management Plan	VAPDC	Virginia Association of Planning District Commissions
L RTP	Long Range Transportation Plan	VDOT	Virginia Department of Transportation
MAP-21	Moving Ahead for Progress in the 21st Century	VDRPT	Virginia Department of Rail & Public Transportation
MPO	Metropolitan Planning Organization	VSTP	Virginia Surface Transportation Plan
MSA	Metropolitan Statistical Area	VTRANS	Virginia Statewide Long-Range Transportation Plan
NTD	National Transit Database		
PDC	Planning District Commission		
PL	Planning funds (Virginia Department of Transportation)		

REGIONAL SUPPORT ACTIVITIES

(Projects involving two or more localities)

RVARC Strategic Plan Implementation Phase II

The Regional Commission completed its strategic plan in 2011 and dedicates a portion of the work program each year to achieving its key initiatives. During FY 2015, the Commission will facilitate discussions of possible shared services and procurement among member governments. The areas of initial focus for shared services will be on local government purchasing and procurement contracts.

Localities Served: Cities of Covington, Roanoke and Salem, Counties of Alleghany, Botetourt, Craig, Franklin and Roanoke and the Towns of Clifton Forge, Rocky Mount and Vinton

Project Leader: Jake Gilmer

Funding Source & Estimated Hours: Local Governments – 82 hrs.

Economic Development Planning

Staff will work with the localities to promote economic development in the region, including updating the annual report required by the Economic Development Administration; continue to support tourism initiatives with grant writing and coordination of project activities and work with the Workforce Investment Board as needed.

Localities Served: Cities of Covington, Roanoke and Salem, Counties of Alleghany, Botetourt, Craig Franklin and Roanoke and Towns of Clifton Forge, Rocky Mount and Vinton

Project Leader: Eddie Wells

Funding Source & Estimated Hours: DHCD – 244 hrs., ARC – 100 hrs.

Partnership for a Livable Roanoke Valley

The Partnership for a Livable Roanoke Valley (PLRV) seeks to promote economic opportunity and a greater quality of life for all Roanoke Valley residents through the development of the Valley's first coordinated regional plan. The plan was approved in 2014 by the PLRV and contains strategies and actions to accomplish goals in the areas of economic development, workforce development, health, and natural assets. PLRV has made a commitment to support and monitor the implementation of the strategies and will meet quarterly to review the progress of the lead agencies in completing their actions. The plan will be reviewed annually and a report prepared to provide a status update on actions completed and implemented. The convening of the PLRV Steering Committee and production of the annual report will be the responsibility of the Roanoke Valley-Alleghany Regional Commission.

The Regional Commission will also spearhead several initiatives during FY2015 that are identified in the plan, including:

- Support the initiatives of the Roanoke Valley Broadband Authority and the Western Virginia Industrial Facilities Authority.
- Support the initiatives of the Regional Pedestrian and Transit Vision Plan.
- Support the initiatives of the Elliston Intermodal Facility Study.
- Form a task force to explore the feasibility of developing a regional career and technical education program.

Localities Served: Cities of Covington, Roanoke and Salem, Counties of Alleghany, Botetourt, Craig, Franklin and Roanoke and Towns of Clifton Forge, Rocky Mount and Vinton

Project Leader: Jake Gilmer

Funding Source & Estimated Hours: Local Governments – 220 hrs.

Regional Future Land Use Mapping

Staff will consolidate local governments' existing future land use maps to develop a region wide map, which will allow the localities to analyze land use decisions and planning.

Localities Served: Cities of Covington, Roanoke and Salem, Counties of Alleghany, Botetourt, Craig Franklin and Roanoke and Towns of Clifton Forge, Rocky Mount and Vinton

Project Leader: Matt Miller

Funding Source & Estimated Hours: Local Governments - 150 hrs., ARC 50 hrs.

Roanoke Valley Broadband Authority

Staff will assist the newly formed Roanoke Valley Broadband Authority by serving as fiscal agent, providing meeting coordination, grant writing and technical assistance.

Localities Served: Cities of Roanoke and Salem, Counties of Botetourt and Roanoke

Project Leader: Matt Miller

Funding Source & Estimated Hours: DHCD – 298 hrs.

Roanoke Regional Stormwater Management Support

Staff will coordinate support of the Roanoke Regional Stormwater Management and Technical Committees through activities such as updating local government staff in addressing the requirements of new stormwater regulations, determining stormwater-related activities that could be handled on a regional basis, and coordinating the meetings of the Regional Stormwater Advisory Committee composed of businesses, non-profits and other stakeholders.

Localities Served: Cities of Roanoke and Salem, Counties of Botetourt, Franklin and Roanoke and the Town of Vinton

Project Leader: Shane Sawyer

Funding Source & Estimated Hours: DHCD – 80 hrs.

Upper James River Resource & Conservation Effort

Staff will continue to participate in the Upper James River Resource and Conservation Development Board.

Localities Served: City of Covington, Counties of Alleghany, Botetourt and Craig, and Town of Clifton Forge

Project Leader: Shane Sawyer

Funding Source & Estimated Hours: Local Governments – 25 hrs.

Roanoke River Public Blue Way Mapping & Promotion

Staff will develop maps that identify infrastructure, ownership, opportunities and constraints to river access, identify potential access sites and evaluate each site, develop minimum and maximum recommended water levels for various river sections. Staff will prepare a final report, a web page with interactive maps, and identify funding sources.

Localities Served: Cities of Roanoke and Salem, Counties of Franklin and Roanoke and Town of Vinton

Project Leader: Shane Sawyer

Funding Source & Estimated Hours: Local Governments – 80 hrs.

Regional Food System Plan

Staff will develop a plan to promote economic development, healthy living, environment and natural resources stewardship within the region. Staff will work with our member governments to promote regional agribusiness/agritourism initiatives, sites, and activities.

Localities Served: Cities of Covington, Roanoke and Salem, Counties of Alleghany, Botetourt, Craig, Franklin and Roanoke and the Towns of Clifton Forge, Rocky Mount and Vinton

Project Leader: Shane Sawyer

Funding Source & Estimated Hours: Local Governments – 50 hrs.

Urban Forestry/Tree Canopy Protection

Staff will continue to participate in the Roanoke Valley Urban Forestry Council and work with local governments, the Virginia Department of Forestry and local stakeholders to maintain and protect the urban forest in the Roanoke Region.

Localities Served: Cities of Roanoke and Salem, County of Roanoke and Town of Vinton

Project Leader: Shane Sawyer

Funding Source & Estimated Hours: Local Governments – 30 hrs.

Regional Leadership Collaboration

Staff will coordinate and facilitate regular meetings of the Mayors and Chairs, as well as Chief Administrative Officials in the region. Staff will continue to work with the Regional Coalition for Economic Development on future leadership trips.

Localities Served: Cities of Covington, Roanoke and Salem, Counties of Alleghany, Botetourt, Craig, Franklin and Roanoke and the Towns of Clifton Forge, Rocky Mount and Vinton

Project Leader: Wayne Strickland

Funding Source & Estimated Hours: Local Governments – 90 hrs., ARC – 6 hrs.

Assistance to the Blue Ridge Interagency Council on Homelessness

Staff will continue coordination of the Interagency Council and related tasks as needed to encourage and facilitate cooperation between local governments, service providers and community based organizations to address homelessness in the Blue Ridge Continuum of Care region.

Localities Served: Cities of Covington, Roanoke and Salem, Counties of Alleghany, Botetourt, Craig, and Roanoke and Towns of Clifton Forge and Vinton

Project Leader: Shane Sawyer

Funding Source & Estimated Hours: DHCD – 90 hrs., ARC - 10

General Technical Assistance

The staff will research, develop, maintain, and analyze data for use in a variety of technical support and planning support activities, including legislative issues relevant to the region.

Localities Served: Cities of Covington, Roanoke and Salem, Counties of Alleghany, Botetourt, Craig, Franklin and Roanoke and the Towns of Clifton Forge, Rocky Mount and Vinton

Project Leader: Staff

Funding Source & Estimated Hours: Local Governments – 106 hrs., ARC – 81 hrs.

Grant Writing

The staff will continue to provide assistance to localities in writing grant applications and researching funding opportunities for regional and local development projects. Project includes attendance at grant workshops.

Localities Served: Cities of Covington, Roanoke and Salem, Counties of Alleghany, Botetourt, Craig, Franklin and Roanoke and the Towns of Clifton Forge, Rocky Mount and Vinton

Project Leader: Staff

Funding Source & Estimated Hours: DHCD – 320 hrs., ARC – 145 hrs.

IMPLAN®

Staff will assist localities and regional partners with estimating economic impact of a variety of projects and events upon request.

Localities Served: Cities of Covington, Roanoke and Salem, Counties of Alleghany, Botetourt, Craig, Franklin and Roanoke and Towns of Clifton Forge, Rocky Mount and Vinton

Project Leader: Matt Miller

Funding Source & Estimated Hours: as needed

Industrial Site Development

The staff will work with the Roanoke Regional Partnership by providing technical assistance and mapping for the regional industrial site development plan.

Localities Served: Cities of Covington, Roanoke and Salem, Counties of Alleghany, Botetourt, Craig, Franklin and Roanoke and the Towns of Clifton Forge, Rocky Mount and Vinton.

Project Leader: Matt Miller

Funding Source & Estimated Hours: Local Governments – 50 hrs.

Public Relations and Outreach

The staff will continue with publication of brochures, newsletters, website update, social media and other outreach activities to promote activities and programs of the Commission. Staff will continue implementing the Public Relations and Communications Plan.

Localities Served: Cities of Covington, Roanoke and Salem, Counties of Alleghany, Botetourt, Craig, Franklin and Roanoke and the Towns of Clifton Forge, Rocky Mount and Vinton.

Project Leader: Tyler Godsey

Funding Source & Estimated Hours: Local Governments – 219 hrs., ARC 20 hrs.

Update to the Commission's Administrative Documents

Staff will update the Commission's Bylaws, Financial Operations Manual, Marketing Plan, and other documents to ensure they are in accord with requirements and/or current trends.

Localities Served: Cities of Covington, Roanoke and Salem, Counties of Alleghany, Botetourt, Craig, Franklin and Roanoke and the Towns of Clifton Forge, Rocky Mount and Vinton.

Project Leader: Olivia Dooley

Funding Source & Estimated Hours: DHCD – 64 hrs.

State Data Center

Staff will continue its role as regional clearinghouse for demographic and economic development information and related data.

- Disseminate data from State and Federal sources.
- GRANT System - Staff will compile an email distribution list of local government staff and other interested parties from the region and electronically distribute notices of relevant grant opportunities from federal and state agencies as well as private foundations.
- Regional Intern Program - Staff will manage the Commission's internship program and formulate formal procedures and policies regarding application to the program, attendance, and supervision.
- Regional Planning Library – Staff will continue to maintain and improve library organization and operation to increase its usefulness to Commission members, businesses, and citizens in the region.

Localities Served: Cities of Covington, Roanoke and Salem, Counties of Alleghany, Botetourt, Craig, Franklin and Roanoke and the Towns of Clifton Forge, Rocky Mount and Vinton

Project Leader: Staff

Funding Source & Estimated Hours: DHCD – 95 hrs.

Ridesharing/Alternative Transportation Projects

Staff will continue to operate RIDE Solutions, the multi-regional TDM program, to create a greater public awareness of commuting options to address air quality and other environmental issues, as well as stimulate economic vitality by offering a cost-saving alternative to driving alone. The program's work will include, but not be limited to, the following areas:

- Promote transportation demand management(TDM) strategies through traditional marketing and outreach efforts. Emphasize employer outreach and partnerships as the primary deployment of TDM strategies in the region, with particular emphasis on the creation of commuter choice incentives such as the tax-deferred transit and vanpool benefits.
- Act as the regional coordinator for the Telework!VA program to promote telework as a commute option. Find creative applications for Telework!VA incentives, including marketing the region as a destination for Northern Virginia teleworkers wanting to relocate but retain their current jobs.
- Manage the RIDE Solutions database carpool-match database, Guaranteed Ride Home benefit, web pages, general on-line presence, member's needs, grant writing, bookkeeping, advertising, public outreach, and information requests. Provide other survey and statistical analysis for the region's public transportation and park-and-ride systems.
- Support regional pursuit of the League of American Bicyclists' Bicycle Friendly Community and Bicycle Friendly Business designation by continued staff support on working groups and by offering consultation services to governments and businesses that are completing their applications.
- Organize and promote regional Bike Month events.
- Update the RIDE Solutions Long Range Transportation Demand Management Plan.

Localities Served: Cities of Bedford, Covington, Lynchburg, Radford, Roanoke and Salem, Counties of Alleghany, Amherst, Appomattox, Bedford, Botetourt, Campbell, Craig, Floyd, Franklin, Giles, Montgomery, Pulaski and Roanoke, Towns of Alta Vista, Amherst, Appomattox, Blacksburg, Brookneal, Christiansburg, Clifton Forge, Dublin, Pearisburg, Rocky Mount and Vinton

Project Leader: Jeremy Holmes

Funding Source & Estimated Hours: Local Governments – 400 hrs., VDRPT – 1,925 hrs. Region 2000 – 38 hrs., New River Valley PDC – 28 hrs.

Save-a-Ton Marketing Campaign

Staff will manage website content for the regional Save-a-Ton marketing campaign. Save-a-Ton connects citizens to local energy savings solutions through a regional marketing campaign that drives customers to the saveaton.org website, which serves as a one-stop portal for services and strategies to save money on energy costs. Staff will work with an executive and advisory committee of local governments and other stakeholders to keep website content updated and current, and to assist a marketing subcommittee with the execution of the regional marketing campaign.

Localities Served: Cities of Roanoke and Salem, the County of Roanoke and Town of Vinton

Project Leader: Jeremy Holmes

Funding Source & Estimated Hours: Local Governments – 107 hrs.

Volunteers for Energy Program

Staff will continue with follow up assessments on audits that have been previously completed to determine what suggestions were implemented and what the cost savings have been.

Localities Served: Cities of Covington, Roanoke and Salem, Counties of Alleghany, Botetourt, Craig, Franklin and Roanoke and the Towns of Clifton Forge, Rocky Mount and Vinton

Project Leader: Tyler Godsey

Funding Source & Estimated Hours: Local Governments – 75 hrs.

LOCAL PROJECTS

Alleghany General Technical Assistance

Staff will assist the County with review and update of its land use ordinances to ensure compliance with new applicable State laws and regulations.

Staff will assist the County with a review and update of its Capital Improvement Plan.

Project Leader: Eddie Wells

Funding Source & Estimated Hours: Local Governments – 75 hrs., ARC – 75 hrs.

Boones Mill Technical Assistance

Staff will assist the Town with developing a new Comprehensive Plan and submission of a DHCD planning grant application.

Project Leader: Eddie Wells

Funding Source & Estimated Hours: Town of Boones Mill – 115 hrs.

Botetourt County Technical Assistance

Staff will assist the County with an update to its Comprehensive Plan.

Project Leader: Bryan Hill

Funding Source & Estimated Hours: Local Governments – 82 hrs., ARC – 83 hrs.

Clifton Forge Technical Assistance

Staff will assist the Town with developing an emergency action plan for the Clifton Forge Dam, including evacuation and flood control plans.

Project Leader: Eddie Wells

Funding Source & Estimated Hours: Local Governments – 37 hrs., ARC – 38 hrs.

Covington Technical Assistance

Staff will assist the City with planning for revitalization and rehabilitation of the historic downtown area.

Staff will assist the City with grant writing for funds to restore the Locomotive 701 engine located at the City Park.

Staff will assist the City with grant writing for funds to establish senior citizen housing.

Project Leader: Eddie Wells

Funding Source & Estimated Hours: Local Governments – 55 hrs., ARC – 55 hrs.

Franklin County Technical Assistance

Staff will assist the County with a study of comparison of the pros and cons between recycling facilities at Convenience Centers and Green Box sites.

Project Leader: Tyler Godsey

Funding Source & Estimated Hours: Local Governments – 50 hrs.

Staff will assist the County with a study to determine the best ways to create a streams and wetlands credit bank.

Project Leader: Eddie Wells

Funding Source & Estimated Hours: Local Governments – 25 hrs.

Staff will compile maps that include river access points, amenities, way finding information, float times and distances, and other blue way information on the Blackwater and Pigg rivers.

Project Leader: Shane Sawyer

Funding Source & Estimated Hours: Local Governments – 20 hrs.

City of Roanoke Technical Assistance

Staff will assist the City with a comprehensive community profile (demographic, housing, environmental and economic data) to be used in preparation for development of a new comprehensive plan.

Project Leader: Bryan Hill

Funding Source & Estimated Hours: Local Governments – 50 hrs.

Staff will assist the City with assessing wireless telecommunications trends. Staff will assist in studying demand for service, data and new technology that improves service and capacity, while evaluating how these trends can be accommodated.

Project Leader: Matt Miller

Funding Source & Estimated Hours: Local Governments – 75 hrs.

Town of Rocky Mount Technical Assistance

Staff will assist the Town with setting up their new ARC GIS software, continue assistance with an update to their comprehensive plan and work with utility companies to develop code to protect redeveloped areas from overhead utility deployment.

Project Leader: Matt Miller

Funding Source & Estimated Hours: Local Governments – 100 hrs.

City of Salem Technical Assistance

Staff will assist the City with developing an area plan for downtown including marketing analysis, and analysis of the built environment.

Project Leader: Jake Gilmer

Funding Source & Estimated Hours: Local Governments – 345 hrs.

Town of Vinton Technical Assistance

Staff will assist the Town with grant writing (CDBG, VHDA, MAP21, Urban Forestry, Historic Tax Credit, etc.) including cost estimates, mapping, coordination of meetings with multiple stakeholders.

Project Leader: Eddie Wells

Funding Source & Estimated Hours: Local Governments – 25 hrs.

OTHER PROJECTS

National, State, Regional and Local Collaborative Efforts

Staff will promote and assist with regional planning initiatives by participating in the following local, regional, state and national organizations.

NATIONAL

- National Association of Development Organizations Board
- Southeastern Regional Directors Institute Board
- Development District Association of Appalachia and Network Appalachia

STATE

- American Planning Association, Virginia Chapter: New River Valley - Roanoke Section
- Bike Virginia Board
- Virginia Association of Metropolitan Planning Organizations
- Virginia Association of Planning District Commissions (Various committees)
- Virginia Association of Zoning Officials
- Virginia Citizens Planning Education Association of Virginia Board of Directors
- Virginia Department of Rail and Public Transportation (DRPT) Statewide Multi-Modal and Public Space Design Guidelines committee

REGIONAL

- AEC/ES Green Living and Energy Expo Planning Committee
- Blue Ridge Transportation Safety Board
- Cool Cities Coalition
- Council of Community Services Board
- Greater Roanoke Valley Asthma and Air Quality Coalition
- Hands on Blue Ridge Committee
- Healthy Roanoke Valley

- I-81 Corridor Coalition
- Pathfinders for Greenways Board
- Regional Bicycle Advisory Committee
- Regional Chamber of Commerce Transportation Committee
- Roanoke Regional Chamber of Commerce Board
- Roanoke Regional Housing Network
- Roanoke Valley Area GIS Managers Users Group
- Roanoke Valley Greenway Commission
- Roanoke Valley Urban Forestry Council
- Salem-Roanoke County Chamber of Commerce
- Trans-Dominion Express Committee
- Transportation Work Group for the Advancement Foundation
- United Way of the Roanoke Valley Board
- United Way Community Impact Council
- United Way Community Investment Panel
- Virginia Western Community College-Integrated Environmental Studies Advisory Group
- Virginia Western Community College – Geospatial Program Lay Advisory Committee

LOCAL

- City of Roanoke Downtown Mobility Workgroup
- City of Roanoke School System ROTEC Advisory Committee
- Citizens for Clean & Green
- The Taubman Museum of Art Sidewalk Art Show Committee
- Vinton Downtown Revitalization Committee

URBAN TRANSPORTATION PROJECTS

Long-Range Transportation Planning

The next Constrained Long-Range Transportation Plan (CLRTP 2040) must be completed and adopted by the summer of 2015. FY 2015 CLRTP activities will focus on writing the CLRTP 2040 narrative and the public involvement process.

1. **CLRTP 2035 Amendments:** Any additional activities required for any potential amendments or adjustments to CLRTP 2035, in order to reflect additional funds than could be added to the original financial constraint.
2. **Transportation Performance Measures:** Integration and tracking of appropriate long-range transportation planning performance measures into the CLRTP 2040 process.
3. **Air Quality and Environmental Analysis:** All applicable air-quality or environmental analyses that may be required by the EPA. Currently, RVAMPO is in an Ozone Early Action Compact – Early Action Plan area and is not subject to conformity analysis. However, this situation could change with the introduction of new federal standards.
4. **Official Public Meeting Concerning Long-Range Planning Assumptions:** This will continue the series of yearly public meetings concerning the long-range planning process and its assumptions.
5. **Scenario Planning:** The Partnership for a Livable Roanoke Valley <http://livableroanoke.org/> is developing a planning process resulting from a joint USDOT, EPA and HUD Sustainability Grant. The Livable Roanoke process will be completing its 3-year planning process in FY 2014. The effort developed a set of four in-depth future scenario narratives that can be used for a variety of planning processes including long-range transportation planning. RVAMPO staff may develop additional theme based scenarios focused on specific demographic trends, economic trends or technologies likely to impact transportation demand in the future to supplement the Livable Roanoke Valley scenarios.
6. **Transportation and Land Use Archival System Maintenance:** A yearly update of the transportation and land use data archival system for updating transportation and land use data on a regular basis so that “time series” or “snapshot” data analysis can be performed in future long-range transportation planning processes.
7. **TAZs, Socioeconomic Data and Model Network:** In partnership with the local governments and VDOT, RVAMPO staff will finalize the CLRTP 2040 Transportation Analysis Zones (TAZs), the socioeconomic data within the TAZs and the CLRTP 2040 transportation network.
8. **Develop the 2040 Constrained Long-Range Transportation Plan**, which will include:
 - **Livable Roanoke Chapter in RVAMPO CLRTP 2040** – The Partnership for a Livable Roanoke Valley completed its Livable Roanoke Plan in the spring of 2014. This sub-task will distill the strategies and recommendations of the plan as a chapter of the CLRTP 2040. The Livable Roanoke plan discusses the interactions and interrelationships between transportation, public health, energy, housing, education, environment and economic development. This chapter will relate those themes and strategies to the CLRTP 2040.
 - **Livable Roanoke Valley stakeholder input for CLRTP 2040** – The Partnership for a Livable Roanoke Valley will continue meeting after the completion of the Livable Roanoke Plan in spring 2014. The Partnership built up 3 years of stakeholder involvement experience through their planning process, and will advise CLRTP 2040 development based on that experience and lessons learned.
 - **Long-Range Transportation Demand Management Plan (LRTDMP) Chapter in RVAMPO CLRTP 2040 and LRTDMP Update** – The regional LRTDMP needs to be updated. This is an opportunity to take advantage of the joint timing and to incorporate the TDM plan analysis and TDM

plan stakeholder involvement into the RVAMPO CL RTP 2040. This subtask aims to incorporate the LRTDMP plan activities directly into the CL RTP update in the form of a chapter of the CL RTP 2040.

- **Development of the entire CL RTP 2040 plan in addition to the specific aforementioned chapters:** The aforementioned chapters were highlighted specifically to illustrate when the results of other planning processes outside of the UPWP (i.e., the Livable Roanoke process resulting from a HUD/EPA/USDOT grant) can specifically benefit CL RTP development in the form of a specific chapter in the plan or other benefit. The entire CL RTP 2040 plan will be produced and finalized by the end of summer 2015.

Localities Served: Cities of Roanoke and Salem, Counties of Bedford, Botetourt, Montgomery and Roanoke, and Town of Vinton

Project Leader: Mark McCaskill

Funding Source & Estimated Hours: PL – 1,562 hrs., FTA – 293 hrs., Local Governments – 205 hrs.

Transportation Improvement Program (TIP), Regional Surface Transportation Program (RSTP), Transportation Alternatives (TA) and Performance Measures Reporting

Staff will monitor the TIP, the annual listing of projects with federal funds, collect data and analyze for annual listing of performance measures, prepare TIP process for anticipated incorporation of RSTP in future TIPs.

- Preparation of TIP process for anticipated RSTP and potential CMAQ requirements.
- Data collection and analysis for yearly Performance Measures update.
- Coordination with VDOT on TIP, STIP and Six Year Improvement Program (SYIP) details, procedures and updates.
- Coordination with FTA, VDRPT, Valley Metro (GRTC) and RADAR (UHSTS) on public transportation related programming with regards to SYIP and TIP issues.
- Development of GIS layers to display TIP projects
- Staff evaluation and testing of web technology to display TIP projects
- Staff evaluation and/or development of an in house TIP database/project tracking system.
- Publication of the Annual Obligations Report.

Localities Served: Cities of Roanoke and Salem, Counties of Bedford, Botetourt, Montgomery and Roanoke, and Town of Vinton

Project Leader: Cristina Finch

Funding Source & Estimated Hours: PL – 374 hrs., FTA – 90 hrs., Local Governments – 51 hrs.

Public Participation, Environmental Justice, Stakeholder Training and Seminars

RVAMPO public and stakeholder involvement activities will include:

1. **Fieldwork:** Planners periodically riding the bus, observing heavily congested interchanges or corridors from a safe vantage point and other direct observation approaches.
2. **Learning Launches** – The concept of a learning launch is that it is a fast, low-cost experiment designed to gather data that will help planners make informed decisions on which public involvement tools are likely to be successful in garnering feedback from the public.
3. **MPO Website Strategy:** – The RVAMPO website should be periodically reevaluated and updated to ensure a smooth user interface. Staff will research and begin to implement “Web 2.0” public participation strategies.
4. **MPO Demographic Profiles Maintenance and Updates** – RVAMPO Demographic Profiles will be updated depending on suitability of US Census Bureau, American Community Survey data.

5. **Webinars, Teleconferences and Seminars** - RVAMPO staff will select relevant MPO related teleconferences and make arrangements to host a teleconference download site for local planners, citizens and other interested parties. A discussion will follow each teleconference concerning how RVAMPO staff may apply concepts from the teleconference in the long-range planning process.
6. **RVAMPO Public Involvement Policy and Title VI Plan Updates** – Any applicable updates to either the RVAMPO Public Involvement Policy or RVAMPO Title VI Plan.
7. **Citizens Advisory Committee (CAC) meetings** – RVAMPO planners will serve as the lead staff to CAC meetings.

Localities Served: Cities of Roanoke and Salem, Counties of Bedford, Botetourt, Montgomery and Roanoke, and Town of Vinton

Project Leader: Mark McCaskill

Funding Source & Estimated Hours: PL – 275 hrs., Local Governments – 30 hrs.

Air Quality Planning

The Federal EPA was to announce its intention to further revise the 8-hour Ozone standard to a value within the 60 ppb to 70 ppb range in the summer of 2013. Similarly, staff had begun the groundwork of monitoring both fine particulate PM2.5 and initial research into Greenhouse Gasses (GHGs) should action or compliance be required for those two classes of pollutants in addition to ground level Ozone.

Localities Served: Cities of Roanoke and Salem, Counties of Botetourt and Roanoke, and Town of Vinton

Project Leader: Mark McCaskill

Funding Source & Estimated Hours: PL – 90 hrs., Local Governments – 10 hrs.

Congestion Management Process (CMP) – Plan Maintenance

Staff will provide routine maintenance of the CMP planning process including any amendments, adjustments of updates of the plan incorporation new data or findings.

Localities Served: Cities of Roanoke and Salem, Counties of Bedford, Botetourt, Montgomery and Roanoke, and Town of Vinton

Project Leader: Mark McCaskill

Funding Source & Estimated Hours: PL – 72 hrs., Local Governments – 8 hrs.

Corridor Studies, Area Studies and Safety Planning

The following corridors and areas were suggested by local governments and other stakeholders in the FY2015 work program development process. Analysis of each corridor or area may include: access management, corridor simulation, intersection evaluation, operations evaluation, transit/bicycle/pedestrian connections and parking availability/accessibility/issues.

- **Elliston Intermodal Facility Study - Phase II** - Use the data and analysis from the AECOM FY2014 Elliston Intermodal Facility Study to inform the ongoing work of the RVAMPO, partnering organizations and to support general stakeholder involvement. Conduct additional analysis as needed, such as a review of potential operating models for the facility.
- **Comprehensive Profile of the City of Roanoke** - To include data on demographics, transportation, environment, and economy as they relate to transportation planning and comprehensive planning. Provide interpretation and analysis of data, and further inquiry as necessary to guide policy formulation. All data, to the extent possible, should be presented visually with maps, charts, graphs, etc.
- **Town of Vinton – Wayfinding Study Update** – Update the wayfinding study that was completed in 2009

to include changes in destinations and attractions and updated wording/media recommendations. Recommend approximate placement locations of a series of signs ranging from gateway signs to supplementary wayfinding signs. Research the possibility of including signs in neighboring jurisdictions (i.e., on US 460 – City of Roanoke) that would direct people to Vinton.

- **Town of Vinton Pedestrian Study- Hardy Road near W.E. Cundiff Elementary and Wolf Creek Greenway** – Study the area near W.E. Cundiff Elementary School and Wolf Creek greenway from the perspective of pedestrian crossing, pedestrian accessibility and pedestrian safety. Recommend approximate locations for potential crosswalks. Review several crosswalk and signage options for consideration.
- **Botetourt County Transportation Section of Comprehensive Plan** – Assistance to Botetourt County staff in the preparation of a transportation section of their comprehensive plan update. This UPWP portion will focus on the portion of the county that is within the RVAMPO Study Area. A companion element for the rural portion of Botetourt County is in the FY2015 RVARC Rural Transportation Program Scope of Work.
- Intersection or corridor analysis as requested.

Particular attention to safety planning will be present in the corridor planning process including accident analysis, pedestrian safety, bicycle safety, driver behavior analysis and education.

It also includes staff time for “Safe Routes to School” planning assistance in the event that a member local government requires such assistance during FY2015.

Localities Served: Cities of Roanoke and Salem, and Counties of Roanoke and Botetourt

Project Leader: Mark McCaskill

Funding Source & Estimated Hours: PL – 619 hrs., Local Governments – 68 hrs.

RVAMPO Bicycle and Pedestrian Planning

Staff will focus on non-motorized transportation planning and infrastructure related to non-motorized modes of transportation.

- 1) **Regional Pedestrian Vision Plan - Phase II** – Staff will finalize the Regional Pedestrian Vision Plan that began in the FY 2014 UPWP. The Plan will combine elements from previous regional, neighborhood, corridor and area plans with public and stakeholder input to provide regionally-significant pedestrian related infrastructure recommendations and priorities for the Roanoke Valley. Development of this Plan will follow guidance provided in the DRPT Multimodal System Design Guidelines.
- 2) **Pedestrian Performance Measures Data Collection** – Staff will update shapefiles and related databases of pedestrian infrastructure and where necessary, in the field, gather pedestrian infrastructure data along public streets and bus routes to include sidewalks, crosswalks, pedestrian signals, and ADA curb ramps.
- 3) **Regional Pedestrian/Bicycle Advisory Board** - RVAMPO staff will continue to staff the Regional Pedestrian/Bicycle Advisory Committee. In addition, staff will attend meetings and/or serve on the following committees: City of Roanoke BAC, Regional Greenway Commission, Regional Greenway Commission Standards and Design Subcommittee, Joint Greenway Commission-Pathfinders Marketing, PR and Education Subcommittee and other committees as appointed.
- 4) **General, Mapping and Website Assistance to Local Governments and Greenway Commission** – Staff will provide MPO staff assistance, public information materials design, and assistance in other areas as necessary.
- 5) **Grant Assistance for Greenway Development** – Assist Regional Greenway Commission in identifying and pursuing state, local, federal and private grants for greenway implementation.
- 6) **Continued Greenway Monitoring and User Counts** – Continue to expand the greenway usage monitoring/estimation system for using during all seasons. Monitoring system will include deployment of additional trail counters and other monitors as available.

- 7) **City of Roanoke Bike Lanes and Bicycle Usage Counts** – RVAMPO will partner with the City of Roanoke to develop base line bicycle usage counts for recently installed bike lanes and other facilities.
- 8) **Botetourt County Strategic Trail Plan and Mapping Assistance** – Botetourt County has requested trail planning and mapping assistance, portions of which will be within the RVAMPO. Non-MPO portions will be addressed using rural funding
- 9) **Walkability Audits** – As requested by stakeholders.

Localities Served: Cities of Roanoke and Salem, Counties of Botetourt and Roanoke, and Town of Vinton

Project Leader: Shane Sawyer

Funding Source & Estimated Hours: PL – 699 hrs., FTA – 503 hrs., Local Government – 131 hrs.

General Technical Assistance & Technical Support Activities

Staff will research, develop, maintain, and analyze data for use in a variety of technical support and planning support activities. Work activities will be organized around the following subtasks.

- **General Technical Assistance** to local governments, planners and citizens as requested.
- **Technical Support Activities** – a variety of planning support activities to support work program projects and/or the general planning process (i.e. turning movement counts).
- **Support to Statewide Multimodal Planning** – as needed

Localities Served: Cities of Roanoke and Salem, Counties of Bedford, Botetourt, Montgomery and Roanoke, and Town of Vinton

Project Leader: Staff

Funding Source & Estimated Hours: PL – 457 hrs., FTA – 102 hrs., Local Governments Local Governments – 61 hrs.

Public Transportation Planning Assistance

Staff will assist the two major public transportation agencies, Valley Metro (GRTC) – fixed route transit – and RADAR (UHSTS) – with regularly required transportation planning assistance to complete a variety of functions and plan for service enhancements.

- **Regional Transit Vision Plan – Phase II** – Staff will finalize the Regional Transit Vision Plan that began in the FY 2014 UPWP. The Transit Vision Plan will examine the region’s current public transit services, additional needs, funding resources, and provide a framework for developing the region’s transit services in the future.
- **Regional Pedestrian Vision Plan - Phase II** – Staff will finalize the regional pedestrian vision plan that began in the FY 2014 UPWP.
- **Regional Transit Development Plans (TDPs)** – The Transit Development Plans (TDPs) for Greater Roanoke Transit Company (Valley Metro) and Unified Human Services Transportation Systems, Inc. (RADAR) are scheduled to be updated in FY 2015. This sub-task provides for staff participation in the development of new TDPs.
- **Regional Transit Demand Management Plan** – Staff will provide assistance to RIDE Solutions to update the regional TDM Plan.
- **Assistance with Transit Route Analysis and Mapping Assistance** – As requested by the transit agencies provide transit route and schedule analysis as well as mapping assistance.
- **Human Services-Public Transit Coordinated Transportation Planning** - Staff will provide assistance in coordinating human services transportation and will participate in related regional coordination meetings.
- **Assistance with Improving Bus Stops** – Staff will provide assistance concerning the location, accessibility and implementation of improvements to fixed route bus stops.
- **Grant Assistance for Transit Development** – Staff will assist Valley Metro and RADAR in identifying and

pursuing state, local, federal and private grants and alternative funding sources for transit improvements and services.

- **Passenger Rail and Public Transit Coordination** – Staff will provide any needed analysis or assistance regarding the anticipated return of intercity passenger rail to Roanoke by 2017 and related multimodal connections.
- **Google Transit Data Maintenance** – Staff will maintain and update data as needed to ensure Google Transit searches yield relevant results for the RVAMPO.

Localities Served: Cities of Roanoke and Salem, Counties of Craig and Roanoke, and Town of Vinton

Project Leader: Cristina Finch

Funding Source & Estimated Hours: FTA – 1,305 hrs., Local Governments – 145 hrs.

RURAL TRANSPORTATION PROJECTS

Project Prioritization

Staff will submit a prioritized list of projects for consideration in the FY 2016 - 2021 SYIP to our Salem and Staunton District Planners by November 30, 2014 and provide documentation of prioritization methodology used to develop the list.

Localities Served: City of Covington and Counties of Alleghany, Botetourt, Craig, Roanoke and the Town of Clifton Forge

Project Leader: Jake Gilmer

Funding Source & Estimated Hours: SPR – 40 hrs., Local Governments – 10 hrs.

Comprehensive Plan Updates

Staff will assist Botetourt County with an update to the Comprehensive Plan. The Rural Transportation Planning Assistance Program will be used to fund work on the transportation element of the plan, which will include the information and analysis as required in the Code of Virginia.

Localities Served: County of Botetourt

Project Leader: Bryan Hill

Funding Source & Estimated Hours: SPR – 80 hrs., Local Governments – 20 hrs.

Public Transportation

Staff will finalize the regional transit vision plan that began in the FY 2014 UPWP. The Plan will combine elements from previous regional, neighborhood, corridor and area plans with public and stakeholder input to provide regionally-significant transit related infrastructure recommendations and priorities for the Roanoke Valley. Development of this Plan will follow guidance provided in the DRPT Multimodal System Design Guidelines. This plan covers portions of the rural and urban areas of the region, and is primarily being supported through FTA funding. As requested by the transit agencies, provide transit route and schedule analysis, associated mapping, and assistance with the implementation of new or modified transit services.

Localities Served: City of Covington, Counties of Alleghany, Botetourt, Craig and Roanoke and Town of Clifton Forge

Project Leader: Jake Gilmer

Funding Source & Estimated Hours: SPR – 160 hrs., Local Governments – 40 hrs.

Bicycle and Pedestrian Planning

Staff will focus on planning and development of non-motorized transportation infrastructure, such as sidewalks, trails, greenways, bike lanes, and other facilities. This item will include the following projects:

- **Bicycle Route 76 Corridor Study** – Staff will complete a corridor study of the road segments that make up the portion of U.S. Bicycle Route 76 within the region. The study will include an inventory of existing conditions and recommendations for safety, wayfinding, and spur routes to connect to other bicycle facilities.
- **Clifton Forge Bicycle and Pedestrian Mapping** – Staff will assist Clifton Forge in the development of a map of potential bicycle and pedestrian routes connecting key activity centers. The routes should utilize existing infrastructure (sidewalks, alleys, roadway, etc.) and trails. The map will identify potential deficiencies, route gaps, and locations for wayfinding signage.
- **Pedestrian Infrastructure Mapping (Phase II)** – Staff will map rural pedestrian infrastructure and identify gaps in the network and provide VDOT with a shape file with lat/long locations to include whether the gap is located adjacent to the roadway.

- **Botetourt County Trail Mapping**– Staff will develop a comprehensive trail map and online interactive guide of the Botetourt County Trail System and continue trail counts within the Carvins Cove Nature Reserve.
- **Craig County Greenway Development** – Staff will continue providing planning and development assistance for a greenway to connect downtown New Castle with the Craig County Sports Complex.

Localities Served: City of Covington, Counties of Alleghany, Botetourt, Craig and Roanoke, and Town of Clifton Forge

Project Leader: Shane Sawyer

Funding Source & Estimated Hours: SPR – 240 hrs., Local Governments – 60 hrs.

Corridor Studies and Traffic Analysis

Staff will create a map that shows the average annual daily traffic on the primary and secondary roads in Clifton Forge, coordinate with the town and VDOT to ensure that the traffic counts on key roadways is up-to-date and symbolize the traffic volumes by using different line thickness.

Localities Served: Town of Clifton Forge

Project Leader: Jake Gilmer

Funding Source & Estimated Hours: SPR – 120 hrs., Local Governments – 30 hrs.

VDOT Outreach Meetings and Data Review

Staff will participate in outreach meetings and review data as requested by VDOT throughout the fiscal year pertaining to VTrans Update, Functional Classification Update, Virginia Surface Transportation Plan Update (VSTP), Park and Ride Lots Inventory / Study, Bicycle and Pedestrian planning, Freight planning and other meetings as requested.

Localities Served: City of Covington, Counties of Alleghany, Botetourt, Craig and Roanoke, and Town of Clifton Forge

Project Leader: Jake Gilmer

Funding Source & Estimated Hours: SPR – 80 hrs., Local Governments – 20 hrs.

General Technical Assistance

Staff will research, develop, maintain, and analyze data for use in a variety of technical support and planning support activities. Work activities will be organized around the following subtasks.

- **General Technical Assistance** to local governments, planners and citizens as requested.
- **Technical Support Activities** – a variety of planning support activities to support work program projects and/or the general planning process (i.e. turning movement counts).
- **Regional Greenway’s Mapping Assistance** – GPS and mapping assistance.
- **Transportation Alternative Assistance** – Local government assistance on the preparation of Transportation Alternative (TA) grants as needed.
- **Review of Traffic Impact Analysis** – Assist local governments in their review and consideration of traffic impact analysis, as required under Chapter 527 regulations.
- **VTRANS Performance Measures** - Assist VDOT with the collection of data relevant to VTRANS 2035 performance measures.

Localities Served: City of Covington, Counties of Alleghany, Craig and Roanoke and Town of Clifton Forge

Project Leader: Jake Gilmer

Funding Source & Estimated Hours: SPR – 160 hrs., Local Governments – 40 hrs.