

# APPENDIX C. SUMMARY OF EXISTING PLANS



To develop Connect Central Virginia 2045, Staff examined a large set of existing plans, studies and reports from the last decade. The review of existing documents was intended to achieve several objectives. Existing plans and documents influenced the long-range planning process, by:

- » **Planning Process** – guiding or defining the long-range planning process, either through planning requirements or public engagement standards;
- » **Plan Requirements** – defining what planning elements or content is required in Connect Central Virginia 2045;
- » **Goals** – guiding development of the 2045 goals;
- » **Performance Measures** – guiding development of the 2045 performance measures;
- » **Project Recommendations** – supplying transportation recommendation for the 2045 Visioning and Constrained list of projects;
- » **Data** – supplying data for the long-range planning process;
- » **Funding** – serving as a reference to ensure that projects and recommendations are consistent with funding processes;
- » **General Consistency** – ensuring that Connect Central Virginia is generally consistent with existing plans and documents;
- » **Support of Local/Regional Efforts** – ensuring that Connect Central Virginia supports local and regional policies and governments;
- » **Public Comments** – supplying public and stakeholder comments to the long-range process;
- » **Integration into Connect Central Virginia 2045** – integrating existing plans with Connect Central Virginia; and,
- » **General Reference** – serving as a general reference for the planning process.

A matrix of existing materials on the following page shows how planning staff used each document in the planning process. The following briefly summarizes the existing documents. Existing documents are grouped by their geographic extents: federal, state, regional and local.

## FEDERAL DOCUMENTS

For the 2045 process, staff referred to the federal code and transportation acts, to determine process and document requirements.

### The Fixing America’s Surface Transportation Act or “FAST Act”

<https://www.transportation.gov/fastact/>

Staff reviewed the FAST Act, Fixing America’s Surface Transportation Act. This was the latest transportation reauthorization of the surface transportation program. President Obama signed this Act on December 4, 2015, after adoption of the CVMPO’s 2040 Long Range Transportation Plan. Staff updated the planning process to account for the latest regulations.

### Federal Code: Title 23. Highways

<https://www.law.cornell.edu/cfr/text/23>

As part of the Fast Act, staff reviewed the Federal Code, especially the federal planning factors and performance-based approaches to support national goals.

## STATE DOCUMENTS

Staff also reviewed transportation-related documents from the state level, accounting for targets, funding methodologies and plans.

### Virginia 2017-2021 Strategic Highway Safety Plan

[http://www.virginiadot.org/info/resources/SHSP/VA\\_2017\\_SHSP\\_Final\\_complete.pdf](http://www.virginiadot.org/info/resources/SHSP/VA_2017_SHSP_Final_complete.pdf)

This plan serves to outline a comprehensive framework for reducing fatalities and serious injuries on public roads. The plan acts as an umbrella plan document that links and coordinates all planning and implementation efforts. The plan summarizes traffic safety data across the state to assess the state of traffic safety in the Commonwealth using a range of measures. The plan also set objectives for several measures of fatal and severe injury occurrences. Consultant and VDOT staff are aware of this plan and will ensure that Connect Central Virginia 2045 is consistent with the document and the first of the 4Es emphasis, engineering.



	Planning Process	Plan Requirements	Goals	Performance Measures	Project Recommendations	Data	Funding	General Consistency	Support of Local/Regional	Public Comments	Integration into CCV 2045	General Reference
<b>Reference Materials</b>												
<b>Federal Documents</b>												
FAST Act	X	X	X	X								
Federal Code: Title 23. Highways	X	X	X	X								
<b>State Documents</b>												
Virginia 2017-2021 Strategic Highway Safety Plan								X				X
VTrans 2040			X	X	X	X	X	X	X			X
VTrans 2040 Virginia Freight Element			X	X				X				X
Virginia Statewide Rail Plan								X				X
Route 29 Corridor Study					X			X				X
SMART SCALE Technical Guide							X					
<b>Regional Documents</b>												
CVMPD Long Range Transportation Plan 2040 Update			X	X	X	X				X		
CVMPD Transportation Improvement Program					X							X
CVMPD Public Participation Plan	X											
CVMPD Title VI Plan	X											
CVPDC Rural Long Range Transportation Plan 2040 Update								X	X		X	
Lynchburg Regional Connectivity Study				X	X	X					X	
Region 2000 Comprehensive Economic Development Strategy				X	X	X					X	
Coordinated Human Services Mobility Plan 2013								X	X			X
GLTC Transit Development Plan								X	X			X
Region 2000 Greenways, Blueways, and Trails Plan					X			X	X			X
Region 2000 Bicycle Plan					X			X	X			X
Region 2000 Park and Ride Lot Location Study					X			X				X
Region 2000 Motorist Congestion Survey						X				X		
Commuter Services Study					X			X				X
Region 2000 Hazard Mitigation Plan						X		X	X			X
Route 221 Corridor Plan					X				X			
Simons Run Corridor Study					X				X			
<b>Local Documents</b>												
Amherst County Comprehensive Plan			X					X	X			X
Appomattox County Comprehensive Plan			X					X	X			X
Bedford County Comprehensive Plan			X					X	X			X
Campbell County Comprehensive Plan			X					X	X			X
City of Lynchburg Comprehensive Plan			X					X	X			X
Town of Amherst Comprehensive Plan			X					X	X			X
Downtown Amherst, Pedestrian Safety and Walkability Study					X			X				X
Timberlake Road (US 460 Business) Corridor Improvement Study					X			X				X
Wards Road Area Pedestrian & Bicycle Concept Plan					X			X				X
Route 460 West Corridor Study, Bedford County, Virginia					X			X				X
Campbell Avenue Access Management Study					X			X				X
Old Courthouse Road Study					X			X				X
PlanWorks Case Study: Route 29 Corridor Assessment, Campbell					X			X				X
A Blueprint for Opportunity, City of Lynchburg, Virginia					X			X				X



## **VTrans 2040**

<http://www.vtrans.org/archive/vtrans2040>

This is the long range transportation plan for the Commonwealth. The plan sets out statewide planning goals, objectives and measures and identifies regional needs across the state. The statewide goals and identified regional needs were considered during the development of the 2045 LRTP update. Connect Central Virginia 2045 will also consider VTrans needs, as projects must address those needs to qualify for certain funding sources. VTrans 2045 is in development, which will be considered in the process.

## **VTrans 2040 Virginia Freight Element**

<http://vtrans.org/resources/VTrans2040-Freight-Element.pdf>

The freight element of the statewide long range transportation plan, VTrans 2040, assessed the state's multimodal freight system and developed policies to improve freight transportation throughout the state. Goals and objectives were drawn from the plan to align the goals and objectives of Connect Central Virginia with state imperatives. Additionally, needs identified in the freight plan were used to identify projects for prioritization in the 2045 update where applicable.

## **Virginia Statewide Rail Plan**

<http://www.drpt.virginia.gov/rail/reference-materials/virginia-state-rail-plan/>

This plan identifies needs and sets goals, objectives and measures for improving the rail transportation network in the Commonwealth. The plan's goals and identified needs were considered during the update to ensure consistency with state planning goals. The Statewide Rail Plan also feed information into the intra-city elements of the 2045 Plan.

## **Route 29 Corridor Study**

[http://www.ctb.virginia.gov/resources/2009/nov2/cm\\_12\\_Nov\\_18\\_09.pdf](http://www.ctb.virginia.gov/resources/2009/nov2/cm_12_Nov_18_09.pdf)

This study proposed a vision for the development of several corridors on US Route 29 and identified projects for improving the operations and connectivity along Route 29. The projects identified were considered during the LRTP update.

## **SMART SCALE Technical Guide**

[http://vaSMART\\_SCALE.org/projects/fy-2020-projects.asp](http://vaSMART_SCALE.org/projects/fy-2020-projects.asp)

SMART SCALE is the funding process for statewide officials for investing limited tax dollars in the right projects that meet the most critical transportation needs in Virginia. As this process will determine whether Connect Central Virginia 2045 recommendations are funded, staff reviewed the technical guide. This helped to ensure that 2045 goals and performance measures are consistent with the state funding processes. The SMART SCALE site also identifies PSI locations, which ties into safety considerations.

## **REGIONAL DOCUMENTS**

For the 2045 process, staff reviewed MPO, West Piedmont PDC and other regional documents.

## **Central Virginia Long Range Transportation Plan 2040 Update**

<https://www.cvmmpo.org/long-range-transportation-planning-2040.html>

This plan serves to identify transportation project needs for the regional transportation network of the urbanized area of the Central Virginia region, the Metropolitan Planning Area (MPA). The 2040 LRTP updated the previous 2035 LRTP document. The 2040 update included elements from the previous update and introduced a new performance management approach to the Central Virginia long range transportation planning process. The performance management approach centered around a project prioritization tool that was used to score potential projects. The 2040 Performance Based Process carried over to the 2045 update. The 2040 Plan also provided project recommendations.

## **Central Virginia Transportation Improvement Program Fiscal Years 2018-2021**

<https://www.cvmmpo.org/transportation-planning/transportation-improvement-program.html>

This plan outlines the funding needs for transportation improvement projects in the region over four future years. Staff referred to the TIP to determine which projects from the 2040 LRTP were funded.



### **Public Participation Plan**

<https://www.cvmppo.org/transportation-planning/public-participation-plan.html>

This CVMPO plan sets out the means of public engagement in transportation planning processes in the MPA. The plan guided planning process and development of the Public Involvement Plan.

### **Central Virginia Metropolitan Planning Organization Title VI Plan**

<https://www.cvmppo.org/transportation-planning/cvmppo-title-vi-plan.html>

This planning document lays out the CVMPO's objectives to comply with Title VI of the Civil Rights Act of 1964 and conducts a screening of environmental justice concerns in the MPA. The plan's goals were considered during the LRTP update to ensure harmony with regional goals. This document also guided the engagement process.

### **CVPDC Rural Long Range Transportation Plan 2040 Update**

[https://www.cvpdc.org/images/transportation-page/Region\\_2000\\_RL RTP2040\\_Final\\_October\\_2018.pdf](https://www.cvpdc.org/images/transportation-page/Region_2000_RL RTP2040_Final_October_2018.pdf)

The Rural Long Range Transportation Plan (RLRTP) serves a counterpart to the LRTP. Whereas the LRTP concerns the urbanized area, the rural plan encompasses the areas of the PDC outside of the MPA. The CVMPO aims to unite the LRTP and RLRTP processes in future long range transportation planning updates. Connect Central Virginia integrates elements of the rural plan, so that one plan addresses the entire Central Virginia planning area.

### **Lynchburg Regional Connectivity Study**

<http://oipi.virginia.gov/documents/lynchburg-connectivity-final-report-3-2-17.pdf>

The Lynchburg Connectivity Study is the transportation element of the Comprehensive Economic Development Strategies (CEDs) Plan. Staff integrated this plan into the Connect Central Virginia 2045 Plan.

### **Region 2000 Comprehensive Economic Development Strategy**

<http://www.opportunitylynchburg.com/wp-content/uploads/2014/10/Regional-Comprehensive-Economic-Strategy.pdf>

This plan sets out a framework for economic development in the region. The goals from this document were considered when developing the LRTP goals to maintain consistency with regional goals.

### **Coordinated Human Services Mobility Plan 2013**

[http://www.drpt.virginia.gov/media/1122/region-2000\\_chsm\\_sept2013.pdf](http://www.drpt.virginia.gov/media/1122/region-2000_chsm_sept2013.pdf)

The 2013 Coordinated Human Services Mobility Plan aims to coordinate regional planning efforts regarding improving mobility for seniors and individuals with disabilities. The plan was created in partnership with the Virginia Department of Rail and Public Transportation. This document feed the transit element of Connect Central Virginia, supporting transit recommendations and projects. The plan also helped to identify needs of those with limited mobility.

### **GLTC Transit Development Plan**

[http://www.gltconline.com/wp-content/uploads/2017/08/KimleyHorn\\_TDP-GLTC.pdf](http://www.gltconline.com/wp-content/uploads/2017/08/KimleyHorn_TDP-GLTC.pdf)

The Transit Development Plan (TDP) is a short range planning document created by the Greater Lynchburg Transit Company (GLTC) in order to receive state funding for transit improvements. The TDP provides an overview of the GLTC 's assets and services, sets goals and objectives and develops plans for improvements. The plan was referred to when assessing transit improvement projects.

### **Region 2000 Greenways, Blueways, and Trails Plan 2012 Connection Vision**

[https://www.cvpdc.org/images/transportation-page/12\\_09\\_PLA\\_Blueways-and-Greenways-Draft.pdf](https://www.cvpdc.org/images/transportation-page/12_09_PLA_Blueways-and-Greenways-Draft.pdf)

This plan provides a framework for connecting existing and creating new, connected trails and parks throughout the member localities of the Central Virginia Planning District Commission. The plan serves to guide planning and development initiatives that increase the linkages between community resources, enhance natural and cultural areas and expand alternative transportation facilities. Projects identified in the plan were drawn into the project pool for the 2045 LRTP update.



## Region 2000 Bicycle Plan

<https://www.cvmmpo.org/transportation-planning/bicycle-pedestrian-plan.html>

The Region 2000 Bicycle Plan guides the development and expansion of the region's cycling infrastructure to promote active transportation as a viable mode for daily trips throughout Central Virginia. The plan's vision states that, "residents, of all ages and skill levels, will be seen bicycling along area roads and multiuse trails going to work, to school, to shop and to engage in recreation throughout the Region 2000 area." The plan creates four principal goals. The goals of the plan were drawn from when developing Connect Central Virginia. Additionally, the projects identified in the plan were drawn from when developing the project pool for the 2045 update.

## Region 2000 Park and Ride Lot Location Study

[https://www.cvmmpo.org/images/Transportation-Studies-CVMPO/08\\_06\\_STU\\_park-and-Ride-lot-location.pdf](https://www.cvmmpo.org/images/Transportation-Studies-CVMPO/08_06_STU_park-and-Ride-lot-location.pdf)

This study identified potential locations for new park and ride lots across the Central Virginia region. The study identified eleven viable locations for park and ride facilities. The unutilized potential locations from the study were included in the project pool for the 2045 update.

## Region 2000 Motorist Congestion Survey

[https://www.cvmmpo.org/images/Transportation-Studies-CVMPO/13\\_04\\_SUR\\_motoristcongestion\\_v\\_final.pdf](https://www.cvmmpo.org/images/Transportation-Studies-CVMPO/13_04_SUR_motoristcongestion_v_final.pdf)

This survey was conducted after the 2035 LRTP to be used during the project prioritization phase of the 2040 update. The survey was intended to reveal the major causes for congestion on congested parts of the regional street network. This document feed into the public engagement element, supplying public feedback from this previous effort.

## Commuter Services Study

[https://www.cvmmpo.org/images/Transportation-Studies-CVMPO/07\\_06\\_STU\\_commuterservices\\_v\\_final.pdf](https://www.cvmmpo.org/images/Transportation-Studies-CVMPO/07_06_STU_commuterservices_v_final.pdf)

This report was conducted to assess the level of need for commuter services, such as telecommuting, rideshare matching and flexible working schedule among employers, residents and workers

in the Lynchburg area. The report concludes with observations and general recommendations that were considered when selecting projects for prioritization in the 2045 LRTP update.

## Region 2000 Hazard Mitigation Plan

<https://www.cvpdc.org/regional-initiatives/hazard-mitigation.html>

This plan serves to identify hazards and assess risks posed by disasters that may threaten the region's localities. The plan develops specific measures to be taken by the region's localities to reduce the vulnerability from hazards of future events and to reduce the recovery time from damages incurred. Environmental areas of concern, such as floodplains, were drawn from this plan and incorporated into Connect Central Virginia 2045, to factor into project selection and design.

## Route 221 Corridor Plan for Bedford County/City of Lynchburg, VA

[https://www.cvmmpo.org/images/Transportation-Studies-CVMPO/14\\_06\\_PLA\\_route221corridor\\_v\\_final.pdf](https://www.cvmmpo.org/images/Transportation-Studies-CVMPO/14_06_PLA_route221corridor_v_final.pdf)

This plan was created to identify existing and future needs for a stretch of US Route 221 / Forest Road / Lakeside Drive that traverses Bedford County and the City of Lynchburg. The recommended projects were included in the LRTP project pool.

## Simons Run Corridor Study

[https://www.cvmmpo.org/images/Transportation-Studies-CVMPO/14\\_09\\_STU\\_simons-run-corridor\\_v\\_final.pdf](https://www.cvmmpo.org/images/Transportation-Studies-CVMPO/14_09_STU_simons-run-corridor_v_final.pdf)

This study identified alternatives for extending Simons Run Road to intersect with Airport Road, which traverses the City of Lynchburg and Campbell County. The recommendations of the project were included in the project pool for the LRTP update.



## LOCAL DOCUMENTS

Staff also referred to local planning documents and studies, to guide the Connect Central Virginia process in a way that supports local goals and policies.

### **Amherst County Comprehensive Plan**

<https://www.countyofamherst.com/department/division.php?structureid=94>

The Amherst County Comprehensive Plan provides a framework for the growth and development of the county. The plan's goals were drawn from to ensure that the LRTP is consistent with local goals.

### **Appomattox County Comprehensive Plan**

<http://www.appomattoxcountyva.gov/home/showdocument?id=1576>

The Appomattox County Comprehensive Plan provides a framework for the growth and development of the county. The plan's goals were drawn from to ensure that the LRTP is consistent with local goals.

### **Bedford County Comprehensive Plan**

<https://www.bedfordcountyva.gov/home/showdocument?id=5884>

The Bedford County Comprehensive Plan provides a framework for the growth and development of the county. The plan's goals were drawn from to ensure that the LRTP is consistent with local goals.

### **Campbell County Comprehensive Plan**

<http://www.co.campbell.va.us/166/Comprehensive-Plan>

The Campbell County Comprehensive Plan provides a framework for the growth and development of the county. The plan's goals were drawn from to ensure that the LRTP is consistent with local goals.

### **City of Lynchburg Comprehensive Plan**

<http://www.lyncburgva.gov/comprehensive-plan>

The City of Lynchburg Comprehensive Plan provides a framework for the growth and development of the city. The plan's goals were drawn from to ensure that the LRTP is consistent with local goals. Staff also referenced a subset of plans, including plans for Atlanta Avenue, Campbell Avenue | Odd Fellows Road, Downtown 2040, Fifth Street, Tinbridge

Hill Neighborhood, Midtown, Route 221 Corridor, Tyreana/Pleasant Valley Neighborhood, Wards Ferry Road, and Wards Road.

### **Town of Amherst Comprehensive Plan**

<https://townofamherst.org/comprehensive-plan/>

The Town of Amherst Comprehensive Plan provides a framework for the growth and development of the county. The plan's goals were drawn from to ensure that the LRTP is consistent with local goals.

### **Downtown Amherst, Pedestrian Safety and Walkability Study**

[https://www.cvmmpo.org/images/Transportation-Studies-CVMPO/16\\_12\\_STU\\_pedestrian-safety-walkability\\_amherst\\_v.final.pdf](https://www.cvmmpo.org/images/Transportation-Studies-CVMPO/16_12_STU_pedestrian-safety-walkability_amherst_v.final.pdf)

The purpose of this study was to develop implementable improvements to increase pedestrian mobility in the downtown of the Town of Amherst. The project recommendations were included in the project pool for the LRTP update.

### **Timberlake Road (US 460 Business) Corridor Improvement Study**

<http://www.virginiadot.org/projects/lynchburg/timberlake-road-corridor-improvement-study.asp>

The plan identified improvements to improve safety along the Timberlake Road Corridor in Lynchburg. The recommended projects were drawn from when developing the project pool for the LRTP update.

### **Wards Road Area Pedestrian & Bicycle Concept Plan**

<http://www.lyncburgva.gov/wards-road-area-pedestrian-and-bicycle-concept-plan>

This plan provides interventions to increase the pedestrian and bicycle safety and mobility in the area of Wards Road. The project recommendations were included the project pool during the LRTP update.



### **Route 460 West Corridor Study, Bedford County, Virginia**

[https://www.cvmmpo.org/images/Transportation-Studies-CVMPO/05\\_06\\_STU\\_route460westcorridor\\_v.final.pdf](https://www.cvmmpo.org/images/Transportation-Studies-CVMPO/05_06_STU_route460westcorridor_v.final.pdf)

This study identified transportation concerns and developed recommendations for improvements to a stretch of US Route 460 in Bedford County. Projects identified by the plan were added to the LRTP update project pool.

### **Campbell Avenue Access Management Study**

<http://www.lynchburgva.gov/campbell-avenue-odd-fellows-road-land-use-and-corridor-study-master-plan>

This study assessed access management and related corridor operations issues on Campbell Avenue in the City of Lynchburg. The projected recommended by the study were incorporated into the project pool during the LRTP update.

### **Old Courthouse Road Study**

<https://www.cvmmpo.org/images/Transportation-Studies-CVMPO/Appomattox%20Old%20Courthouse%20Road%20%20Corridor%20Study.pdf>

This study proposed a vision for the development of a section of Old Courthouse Road. The study referenced existing and created new project recommendations for enhancing the area's multimodal connectivity. The projects recommended in the plan were included in the update's project pool.

### **PlanWorks Case Study: Route 29 Corridor Assessment, Campbell County**

[http://www.virginiadot.org/projects/resources/Lynchburg/Rt\\_29\\_Campbell\\_Co\\_Corridor\\_Assessment/PlanWorks\\_Case\\_Study\\_Route\\_29\\_Corridor\\_Assessment\\_Campbell\\_County.pdf](http://www.virginiadot.org/projects/resources/Lynchburg/Rt_29_Campbell_Co_Corridor_Assessment/PlanWorks_Case_Study_Route_29_Corridor_Assessment_Campbell_County.pdf)

This study sought to consolidate planning efforts to improve various aspects of a stretch of Wards Road / US Route 29 in Campbell County. Project recommendations of the plan were included in the 2045 update.

### **A Blueprint for Opportunity, City of Lynchburg, Virginia**

[http://www.opportunitylynchburg.com/wp-content/uploads/2018/09/BO\\_guide\\_final\\_web.pdf](http://www.opportunitylynchburg.com/wp-content/uploads/2018/09/BO_guide_final_web.pdf)

This economic development plan outlines a framework for sustainable economic growth for the City of Lynchburg. The goals from the plan were considered to maintain harmony with local goals.

