

Priority Projects/Services/Studies to Pursue for Funding

Roanoke Valley Transportation Planning Organization



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| Introduction | This spreadsheet lists the region's priority projects to pursue for funding in the Roanoke Valley Transportation Plan along with the project's description and estimated total cost in 2022. |
| | See the NEST tool to map the projects: https://experience.arcgis.com/experience/ba6a7632c966493e8bc60459676fd1af |

| List | RVTPO Title | Street | Limit From | Limit To | Description | Total Cost |
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| Short-Term Constrained (SSR6) | Campbell Avenue Bicycle and Pedestrian Improvements | Campbell Avenue / Norfolk Avenue | Williamson Road (Downtown) | Tinker Creek | Construct a shared-use bike/pedestrian path (part of the Lick Run Greenway) on the north side of the street, curb and gutter, street trees, and milling and resurfacing the existing roadway and related stormwater improvements. Maintain some on-street parking and add an on-street bike lane where space allows. | \$18,372,860 |
| Short-Term Constrained (SSR6) | Cove Road / Peters Creek Pedestrian Improvements | Cove Road / Peters Creek Road | Green Ridge Road | Food Lion Driveway | Construct sidewalks, curb and gutter, crosswalks, between businesses at the Peters Creek Rd/Cove Rd intersection to Green Ridge Road. | \$8,139,217 |
| Short-Term Constrained | Jefferson Street Safety Improvements | Jefferson Street | Elm Avenue | McClanahan Road | Reconfigure roadway space to provide a cycletrack for bikes and reduce lanes from 4 to 3 with one in each direction and a center turn lane. | \$14,880,469 |
| Short-Term Other | I-81 SB Widening from Exit 137 to Exit 128 | I-81 | Exit 137 | Exit 128 | VDOT-identified solution to address delay, crashes and accessibility to jobs by widening I-81 southbound from two to three lanes between Exit 137 and Exit 128. | \$292,000,000 |
| Short-Term Other - Study | Electric Road at Brambleton Avenue Intersection Improvement Study | Electric Road | Brambleton Avenue | | Study the needs at this intersection and identify options for how to address them. | \$150,000 |
| Short-Term Other - Study | Interchange Access Report (IAR) for Virginia Tech Carilion Access Improvements | Franklin Road | Franklin Road | | Continue to study the potential for an interchange reconfiguration to enable travel from Franklin Road to U.S. 220 North and southbound U.S. 220 to Franklin Road. | \$2,000,000 |
| Short-Term Constrained (SSR6) | Peters Creek Road at Williamson Road Intersection Improvements | Peters Creek Road | Peters Creek Road | Williamson Road | The Peters Creek Road and Williamson Road intersection will be redesigned to improve safety, reduce congestion, provide multimodal accommodations and facilitate Interstate 81 detours. Commercial entrances may be realigned to reduce conflicts. Innovative Intersections will be considered for the redesign as part of the VDOT Project Pipeline Study currently underway. | \$10,000,000 |
| Short-Term Other - Study | Washington Avenue Corridor Improvement Study | Washington Avenue | South Pollard Street | Stonebridge Drive | To identify and design projects to address safety issues, access management needs, multimodal deficiencies, and vehicular congestion issues during peak hours along Washington Avenue between South Pollard Street in the Town of Vinton to Stonebridge Drive at the Blue Ridge Parkway in Roanoke County, a distance of 2.5 miles. | \$150,000 |

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| Short-Term Constrained (SSR5) | East Main Street Phase 2, Parkdale Drive to Mason Creek | East Main Street | Parkdale Drive | Mason Creek | Convert two-lane road to three-lane with a two-way center turn lane, bike lanes, curb and gutter, and sidewalks. | \$20,316,619 |
| Short-Term Constrained (SSR5) | East Roanoke River Greenway Gap, Phase 2 | Off-Road | Explore Park property | Explore Park property | Construction of a 10' paved shared-use path as part of the Roanoke River Greenway between two Explore Park, Virginia Recreational Facilities Authority properties. | \$27,624,647 |
| Short-Term Constrained (SSR6) | Electric Road Safety Improvements, Grandin Rd. Ext. to Keagy Rd. | Electric Road | Grandin Road Extension | Keagy Road | Activities for this project include: a Restricted Crossing U-Turn (RCUT) on Grandin Road Ext., Keagy Road South crosswalk, sidewalk from Grandin Road Ext. to Keagy Village on the County side, sidewalk from Starbucks to Keagy Rd. South on the City side, Keagy Road North crosswalks. | \$13,602,562 |
| | Glade Creek Greenway - Vinyard Park East | | Berkley Road | 150 Vinyard Park Drive (Eastern Edge) | | \$1,000,000 |
| Short-Term Constrained (SSR6) | 11/460/West Main Street at Dow Hollow Road Intersection Safety Improvements | West Main Street | West Main Street near Fallbrooke Drive | West Main Street at Pleasant Run Drive | West Main Street and Dow Hollow Road intersection will be redesigned to improve safety and to preserve capacity along West Main Street, particularly during Interstate 81 detours. Several Innovative Intersections are being considered as part of the VDOT Project Pipeline Study currently underway. | \$10,000,000 |
| Short-Term Constrained (SSR6) | US 220/Commons Parkway Thru-Cut and Pedestrian Accommodation | | Wesley Rd | Commons Pkwy | Addition of multi-use path along 220 N and 220 S to Commons Parkway to provide Appalachian Trail users safe crossing of 220, including a traffic signal restricting cross-traffic from Wesley Rd to Commons Pkwy. | NA |
| Short-Term Constrained (SSR6) | US 220 Pedestrian Crossing and Sidewalks at Daleville | | Route 220 South | Catawba Road | This project improves pedestrian safety at Daleville Town Center by implementing signal modifications which include improved sidewalk and ADA ramps, proposed pedestrian signal heads with pedestrian countdown signals, Accessible Pedestrian Signals (APS) and Accessible Pedestrian Signal Detectors (APD), existing signal head adjustments as needed, and pavement marking modifications as needed. This project also includes the installation of approximately 2,500' of sidewalk along US Route 220 South to Catawba Road. | NA |
| Short-Term Constrained (SSR6) | NW Roanoke Pedestrian Access and Safety Enhancing Project | | Williamson Road | Liberty Road | The NW Roanoke Pedestrian Access and Safety Enhancing Project provides sidewalk connections along Liberty Rd, Lukens St, and Noble Ave NW. This connectivity infrastructure is vital to improving pedestrian access and safety to the adjoining neighborhoods, schools, and Williamson Road businesses. In addition, the project will re-align and re-signalize the Williamson Rd and Liberty Rd intersection to improve safety and operations for all users. | NA |

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| Short-Term Constrained (SSR6) | Starkey Road/Ogden Road Streetscape Improvements | | Starkey Road | Ogden Road | Streetscape improvements for Starkey Road from Route 419 to Ogden Road and for Ogden Road from Route 419 to the County boundary include sidewalks, bicycle lanes, and uncontrolled crosswalk, replacement of the Starkey Road/Ogden Road traffic signal to add pedestrian crosswalks and signals, travel lane reconfiguration on Ogden Road north of Starkey Road, reconstruction of a right slip lane to slow vehicle speeds and relocation and upgrade of a Valley Metro bus stop. | NA |
| Short-Term Constrained (SSR6) | Carson Road Safety Improvements | Carson Road | Challenger Avenue | | The project includes a right turn lane expansion at Challenger Avenue/Route 460; spot curve improvements; shoulder widening with curb and gutter; replacement and widening of an existing one-lane bridge; mini-roundabout installation at Apricot Trail, Cundiff Drive and Derby Drive; reducing a vertical curve in the roadway to improve sight distance; and construction of sidewalks, crosswalks and a shared use path to connect neighborhoods to the Kroger shopping center and to Challenger Avenue/Route 460. | NA |
| Short-Term Constrained (SSR6) | Washington Avenue and Bypass Road Roundabout | | Washington Avenue | Bypass Road | Construct a roundabout at the existing signalized intersection of Washington Avenue and Bypass Road. | NA |