

August 18, 2022

The August meeting of the Roanoke Valley Transportation Planning Organization (RVTPO) Policy Board will be held as follows:

|                  |  |
|------------------|--|
| <b>DATE:</b>     | <b>Thursday, August 25, 2022</b>   |
| <b>TIME:</b>     | <b>1:00 PM</b>   |
| <b>LOCATION:</b> | <b>Roanoke Valley-Alleghany Regional Commission office<br/>(Top Floor Conference Room), 313 Luck Ave., SW, Roanoke, VA</b> |

## AGENDA

1. Welcome, Call to Order ..... *Chair Martin*
  2. Roll Call (including consideration of remote participation)..... *Chair Martin*
  3. **Action Requested:** Approval of Consent Agenda Items ..... *Chair Martin*
    - A. Approval of Agenda
    - B. Action on the June 23, 2022 RVTPO Minutes, pp. 3 – 7
  4. Remarks by the Chair .....*Chair Martin*
  5. **Action Requested:** Amendment #6 to the Vision 2040: Roanoke .....*Bryan Hill & Alison Stinnette*  
 Valley Transportation Plan  
    - A. Presentation on Amendment #6 to the Vision 2040: Roanoke Valley Transportation Plan, pp. 8 – 24 & Attachment #1: [Vision 2040 A6 Draft 8-18-22](#)
    - B. Public Hearing
- PUBLIC HEARING (Sign-Up Requested/3-Minute Limit Per Speaker)**
- Open Public Hearing – Comment Period – Close Public Hearing** .....*Chair Martin*
- C. Consideration of Resolution Approving Amendment #6 to the Vision 2040: Roanoke Valley Transportation Plan, p. 25
6. Presentation on Status of Roanoke Valley Transportation .....*Cristina Finch*  
 Plan Update

**TPO POLICY BOARD:** Cities of Roanoke and Salem; Counties of Bedford, Botetourt, Montgomery and Roanoke; Town of Vinton; Greater Roanoke Transit Company (*Valley Metro*); Roanoke-Blacksburg Regional Airport; Virginia Department of Rail & Public Transportation; Virginia Department of Transportation

7. Other Business
8. Comment Period by RVTPO Policy Board Members and/or Public
9. Adjournment

**Public Input Policy**

“At the end of each Roanoke Valley TPO Policy Board meeting, the RVTPO Policy Board will allow for an open public forum/comment period. This comment period shall not exceed one-half hour in length and each speaker will be asked to sign up and be allowed a maximum of three (3) minutes to speak.”

**ADA Compliance**

The Roanoke Valley Transportation Planning Organization intends to comply with the Americans with Disabilities Act and confirms that the office located at 313 Luck Avenue, SW, Roanoke, VA is ADA compliant. If you have a disability and wish to request assistance or a special accommodation, please inform Bryan Hill at 540-343-4417 or [bhill@rvarc.org](mailto:bhill@rvarc.org) no later than 48 hours in advance of the posted meeting.

## MINUTES

The June meeting of the Roanoke Valley Transportation Planning Organization Policy Board was held on Thursday, June 23, 2022 at 1:00 p.m. at the Roanoke Valley-Alleghany Regional Commission office, 313 Luck Avenue, SW, Roanoke, VA.

### 1. WELCOME, CALL TO ORDER

Chair Martin called the meeting to order at 1:00 p.m.

### 2. ROLL CALL (including consideration of remote participation)

Jeremy Holmes, Secretary to the RVTPO, called the roll and stated a quorum is present.

#### TPO VOTING MEMBERS PRESENT

|  |   |
|--|---|
| Steve Clinton                                      | Botetourt County                                  |
| Billy Martin, <i>Chair</i>                         | Botetourt County                                  |
| Phil North, <i>Vice Chair</i>                      | Roanoke County                                    |
| Renee Turk   | City of Salem                                     |
| Mike Stovall                                       | Town of Vinton                                    |
| Daniel Sonenklar ( <i>alt. for Daniel Wagner</i> ) | Virginia Dept. of Rail and Public Transportation  |
| Anthony Ford ( <i>alt. for Ken King</i> )          | Virginia Dept. of Transportation – Salem District |

#### TPO VOTING MEMBERS ABSENT

|                         |   |
|-------------------------|---|
| Mickey Johnson          | Bedford County                                    |
| Steve Fijalkowski       | Montgomery County                                 |
| David Radford           | Roanoke County                                    |
| Joseph Cobb             | City of Roanoke                                   |
| Stephanie Moon Reynolds | City of Roanoke                                   |
| Bill Jones              | City of Salem                                     |
| Keith Liles             | Town of Vinton                                    |
| Mike Stewart            | Roanoke-Blacksburg Regional Airport               |
| Kevin Price             | Greater Roanoke Transit Company (Valley Metro)    |
| Ken King                | Virginia Dept. of Transportation – Salem District |
| Daniel Wagner           | Virginia Dept. of Rail and Public Transportation  |

#### TPO NON-VOTING MEMBERS PRESENT

|                 |  |
|-----------------|--|
| Richard Caywood | Roanoke County                               |
| Cody Sexton     | Town of Vinton                               |
| Lee Osborne     | Roanoke Valley-Alleghany Regional Commission |

**Others Present:** Megan Cronise, Roanoke County; Michael Gray (via zoom), Virginia Department of Transportation; Dwayne D'Ardenne, City of Roanoke; Mark Jamison, City of Roanoke; Frank Maguire, Greenway Commission.

**TPO POLICY BOARD:** Cities of Roanoke and Salem; Counties of Bedford, Botetourt, Montgomery and Roanoke; Town of Vinton; Greater Roanoke Transit Company (*Valley Metro*); Roanoke-Blacksburg Regional Airport; Virginia Department of Rail & Public Transportation; Virginia Department of Transportation

**Staff Present:** Bryan Hill, Jeremy Holmes, Cristina Finch, Jonathan Stanton, Alison Stinnette, and Elizabeth Elmore.

Chair Martin reported that Michael Gray, alternate for the Virginia Department of Transportation, has requested to participate remotely in today's meeting of the Roanoke Valley Transportation Planning Organization under the RVTPO's Policy for Electronic Meeting Participation, allowing for remote participation for illness, and a physical quorum is present.

**Unanimous Consent Request:** by Chair Martin to approve the remote participation request by Michael Gray.

**Action by the Chair:** without objection, the request was approved.

3. **ACTION REQUESTED: APPROVAL OF CONSENT AGENDA ITEMS**

The following consent agenda items were distributed earlier:

- A. June 23, 2022 RVTPO Meeting Agenda
- B. May 26, 2022 RVTPO Minutes

**Motion:** by Renee Turk for approval of the consent agenda items (A) and (B), as presented. The motion was seconded by Phil North.

**RVTPO Policy Board Action:** Motion carried unanimously.

4. **REMARKS BY THE CHAIR**

- Chair Martin reported that the Federal Highway Administration is currently hosting a number of virtual roundtables on issues surrounding truck parking on I-81. The opening roundtable held yesterday was well represented by planners and DOT staff members from states along the I-81 corridor and beyond. A strong voice in the conversation was Andy Alden, from the Virginia Tech Transportation Institute. Along with FHWA's work in this area, the Appalachian Regional Commission is also preparing to undertake a truck parking study via its Network Appalachia freight-focused stakeholder group. As the post-pandemic economy continues to struggle under supply chain concerns, and more of the public's shopping habits are focused on online shopping, the issues of freight management, logistics, and safety will become more critical along the I-81 corridor. Chair Martin encouraged members to participate in FHWA's remaining virtual roundtables. He asked members that are interested in participating in upcoming planning or study efforts to contact the TPO staff or the TPO Secretary for more information.
- Chair Martin thanked TPO and TTC members for their commitment, dedication, and hard work.

**5. ACTION REQUESTED: AMENDMENT #5 TO THE VISION 2040: ROANOKE VALLEY TRANSPORTATION PLAN**

A. Presentation on Amendment #5 to the Vision 2040: Roanoke Valley Transportation Plan

Mr. Holmes noted that Ms. Finch is unable to attend today’s meeting therefore Mr. Hill and himself would present Ms. Finch’s items.

Mr. Hill reported that a draft amendment to the Vision 2040: Roanoke Valley Transportation Plan (RVTP) was prepared to reflect cost estimate updates for two projects since the plan was last adopted in September 2021.

| Project # and Amendment History | Locality       | Project                                  | RVTP Current Project Cost Estimate | Updated Cost Estimate | % Cost Estimate Increase |
|---------------------------------|----------------|--|------------------------------------|-----------------------|--------------------------|
| 59 and A2-37                    | Vinton         | Glade Creek Greenway Phase 2B            | \$476,000                          | \$784,659             | 65%                      |
| A1-7 and A2-23 and A4-10        | Roanoke County | Roanoke River Greenway, Parkway Crossing | \$708,258                          | \$795,900             | 12%                      |

Glade Creek Greenway Phase II, since its original inclusion in the Plan in 2017 at \$597,026, has since been split into two projects – Phase 2A (\$683,000) and Phase 2B (now estimated at \$784,659).

Roanoke River Greenway, Parkway Crossing was originally included in the Plan in 2018 at \$366,606. It has been amended twice and currently has an estimated cost of \$795,900.

The draft amendment was shared with the Policy Board at the May 2022 meeting after which it was released for public comment. A summary of the public comments and draft amendment #5 were distributed with the agenda packet.

B. Public Hearing

Chair Martin opened the public hearing at 1:16 p.m. No public input was received. Chair Martin closed the public hearing at 1:17 p.m.

C. Consideration of Resolution Approving Amendment #5 to the Vision 2040: Roanoke Valley Transportation Plan

**Motion:** by Mike Stovall to approve the presented resolution, approving amendment #5 to the Vision 2040: Roanoke Valley Transportation Plan. The motion was seconded by Phil North.

**RVTPO Policy Board Action:** Motion carried unanimously.

**6. ACTION REQUESTED: APPROVAL OF ADDITIONAL ALLOCATION OF FY 2023-2024 TRANSPORTATION SET-ASIDE FUNDS**

Mr. Bryan Hill noted that staff informed the Policy Board members of the availability of additional federal TA funds in the amount of \$163,105 at their May 26th meeting. The TTC and staff recommended the following funding scenario for consideration:

| Locality       | Project                                  | Staff Recommended TA Funding Scenario                             |
|----------------|--|---|
| Vinton         | Glade Creek Greenway Phase 2B            | \$116,239 (total)<br>\$92,991 (federal)<br>\$23,248 (local match) |
| Roanoke County | Roanoke River Greenway, Parkway Crossing | \$87,642 (total)<br>\$70,114 (federal)<br>\$17,528 (local match)  |
|                | <b>TOTAL</b>                             | <b>\$163,105 (federal)</b>  |

The scenario fully funds the Roanoke River Greenway project’s budget adjustment request of \$70,114 and allocates \$92,991 to the Glade Creek Greenway Phase 2B project. Given the current progress of both requests, staff believes that the Roanoke River Greenway, Parkway Crossing project is closer to advertisement, hence the recommendation to fully fund the requested adjustment.

Mr. Hill reported that the revised estimated costs for both projects constitute a major change in the project cost, which therefore triggered an amendment to the Roanoke Valley Transportation Plan. A resolution approving the additional allocation was distributed with the agenda packet.

**Motion:** by Phil North to approve the presented resolution, approving the additional allocation of FY 2023 -2024 Transportation Set-Aside Funds. The motion was seconded by Mike Stovall.

**RVTPO Policy Board Action:** Motion carried unanimously.

**7. PRESENTATION ON STATUS OF ROANOKE VALLEY TRANSPORTATION PLAN UPDATE**

Secretary Holmes reported that staff continues to work with the OIPI funded Michael Baker consultant team to create RVTPO’s new performance-based planning and programming process which will wrap up this summer. In working with the Cambridge Systematics consultants, staff is moving ahead with a couple rounds of individual stakeholder meetings with the localities and modal agencies to identify how the most pressing transportation needs in our region may be addressed. Mr. Holmes noted that a link to the Needs Evaluation and Solutions Tool was shared with the members in the meeting email and encouraged members to spend some time exploring it. It includes a lot of information including a comparison of

needs and funded investments. Staff continues to work towards a goal of providing a first draft of the updated plan for Board review in the Fall.

8. **OTHER BUSINESS**

No other business was discussed.

9. **COMMENT PERIOD BY RVTPO POLICY BOARD MEMBER AND/OR PUBLIC**

No other comments were made.

10. **ADJOURNMENT**

The meeting adjourned at 1:22 p.m.

Jeremy Holmes, Secretary  
Roanoke Valley Transportation Planning Organization



# Roanoke Valley Transportation PLANNING ORGANIZATION

A Program of the  
**REGIONAL**commission

313 Luck Avenue, SW | Roanoke, Virginia 24016 P: (540)343.4417 | F: (540)343.4416

## STAFF REPORT August 11, 2022

### SUBJ: Presentation of Amendment #6 to the Vision 2040: Roanoke Valley Transportation Plan

Amendment #6 to the Vision 2040: Roanoke Valley Transportation Plan (RVTP) comes on the heels of two significant events: adoption of the FY23-28 Six Year Improvement Program (SYIP) on June 21, and final submission of FY24 SMART SCALE applications on August 1. Amendment #6 will make the following changes to the RVTP:

1. Update the cost estimates of projects on the Constrained List that increased 10% or more from the original estimation.

| UPC #  | Project   | Locality        | Original Estimated Cost | FY 23 Final SYIP Estimated Cost | Locality Input  |
|--------|---|-----------------|-------------------------|---------------------------------|---|
| 117994 | 9TH STREET MULTIMODAL IMPROVEMENTS                        | Roanoke City    | \$625,000               | \$889,000                       | Current estimated budget adjustment is incorrect as the current budget estimate is less than the original budget estimate.  |
| 113138 | ROANOKE RIVER GREENWAY BRIDGE THE GAP PHASE II SEGMENT 2  | Roanoke City    | \$7,985,000             | \$9,726,000                     | City has/will cover any cost beyond what was listed in the original budget estimate.  |
| 111649 | WALNUT AVE BIKE/PED ACCOMMODATIONS (5TH ST TO TOWN LIMIT) | Vinton          | \$1,684,030             | \$2,068,000                     | 1. The original cost estimate was done in 2017 for a pedestrian bridge and the project was amended to bike/ped accomodation. 2. VDOT oversight charges were not in the original cost estimates. 3. Increase cost in construction materials and labor. 4. Delayed survey work. 5. Collaborate with property owners including Norfolk Southern. 6. 2020 and 2021 COVID led to delay in right-of-way negotiations and completion of the engineering plans. |
| 113567 | ROANOKE RIVER GREENWAY THROUGH EXPLORE PARK               | Roanoke County  | \$3,020,308             | \$4,222,000                     | Supply chain issues, inflation and labor shortages have increased project costs. (County Administered)  |
| 108882 | #SMART18 - WEST MAIN STREET SIDEWALK INSTALLATION         | Roanoke County  | \$1,037,000             | \$1,152,000                     | Supply chain issues, inflation and labor shortages have increased project costs.  |
| 110887 | RTE 220 ACCESS MANAGEMENT IMPROVEMENTS PROJECT            | Salem District- | \$10,196,000            | \$11,696,000                    | Supply chain issues, inflation and labor shortages have increased project costs.  |
| 113947 | PEDESTRIAN IMPROVEMENTS ON ROUTE 11 (WILLIAMSON ROAD)     | Roanoke County  | \$1,500,000             | \$2,573,000                     | Supply chain issues, inflation and labor shortages have increased project costs.  |
| 107309 | DRY HOLLOW ROAD SAFETY IMPROVEMENTS                       | Roanoke County  | \$2,185,000             | \$4,637,000                     | Changed significantly in the last 18 months. The project scope changed as complicating factors were discovered (a historic railroad bridge, for example) which led to a more expensive solution. VDOT informed the County about the scope change and the County requested additional funding through the Revenue Sharing program, with Board of Supervisors concurrence.  |
| 113142 | DOWNTOWN SALEM - ROANOKE BOULEVARD                        | Salem           | \$1,000,000             | \$1,841,000                     | Supply chain issues, inflation and labor shortages have increased project costs.  |
| 113566 | ELIZABETH GREENWAY  | Salem           | \$1,104,400             | \$1,832,000                     | New scope including sidewalk and possible sharrows/bike lanes instead of multiuse path. Supply chain issues, inflation and labor shortages have increased project costs.  |
| 110574 | #SGR18LB - APPERSON DRIVE BRIDGE REPLACEMENT              | Salem           | \$7,497,000             | \$8,438,000                     | Supply chain issues, inflation and labor shortages have increased project costs.  |
| 117221 | FRANKLIN ROAD SIDEWALK IMPROVEMENTS - RT. 220 B- PHASE 2  | Roanoke City    | \$1,791,000             | \$2,241,000                     | City has/will cover any cost beyond what was listed in the original budget estimate.  |

Table 1: Projects with Cost Estimates Greater than 10% over Original Costs





# Roanoke Valley Transportation PLANNING ORGANIZATION

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## 2. Add new projects funded in the FY23-28 SYIP receiving federal funds

| Project Number | UPC    | Project Name  | Locality             | Cost Estimate |
|----------------|--------|---|----------------------|---------------|
| A6-13          | 120996 | #BF - Salem Year 3 - Bridge Rehab Contract (B)                | Botetourt County     | \$6,156,000   |
| A6-14          | T26782 | Williamson Rd Pedestrian Safety - Roanoke                     | City of Roanoke      | \$575,000     |
| A6-15          | T27104 | #BF - City of Roanoke - Bridge Replace Persinger Rd. - Year 4 | City of Roanoke      | \$3,905,000   |
| A6-16          | T27105 | #BF - City of Roanoke - Super Replace 13th Street - Year 4    | City of Roanoke      | \$6,822,000   |
| A6-17          | 121971 | #SGR23LP - Roanoke FKEY 1556 Campbell Ave SW                  | City of Roanoke      | \$381,000     |
| A6-18          | 121977 | #SGR23LP - Roanoke FKEY 1554 Campbell Ave SW                  | City of Roanoke      | \$451,000     |
| A6-19          | T26754 | I-581-Exit 2 (Peters Creek Rd) Interchange Improvements Ph 1  | Multi-jurisdictional | \$16,998,000  |
| A6-20          | T26802 | Glade Creek Greenway Vinyard Park West - Roanoke Co           | Roanoke County       | \$651,000     |
| A6-21          | T26750 | Glade Creek Greenway Phase 3 PE/Study                         | Vinton               | \$275,000     |

Table 2: New Projects from the FY23-28 Six-Year Improvement Program

*Note: The first column of the table above references assigned project numbers in draft Amendment #6 to the RVTP. The Universal Project Code (UPC) is listed in the second column. Projects with a "T" denote a temporary UPC and will subsequently be assigned a permanent one.*

## 3. Add new unfunded projects to the RVTP Vision List of Projects

| Project Number | Project Name   | Locality         | Cost Estimate |
|----------------|--|------------------|---------------|
| A6-22          | Rte. 779 Appalachian Trail Safety Improvements                         | Botetourt County | \$1,159,501   |
| A6-23          | I-81 Bypass along Texas St. from Roanoke Blvd. to Electric Rd. - Salem | Salem            | \$23,505,499  |

Table 3: New Unfunded Projects to the RVTP Vision List of Projects

Staff and the TTC recommend these projects for inclusion in the RVTP.

For additional information, the public input analysis, resolution of support, and full draft amendment all follow this staff report.

**Recommended Action:** Consideration of Draft Amendment #6 to the Roanoke Valley Transportation Plan.

## Summary of Public Input on Amendment #6 to the Roanoke Valley Transportation Plan

A SurveyMonkey survey to collect public input on Amendment #6 to the Roanoke Valley Transportation Plan was available from August 4 to August 17, 2022.

### Survey Promotion

The survey was promoted through:

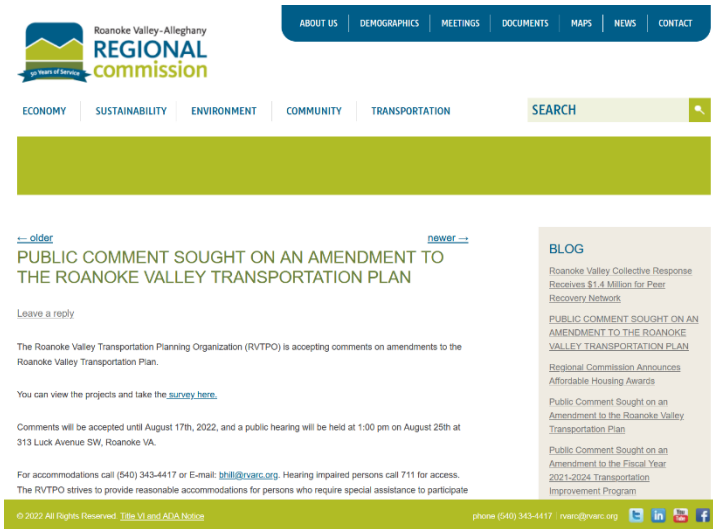
1. **Legal ads in the Roanoke Times and Roanoke Tribune which ran on Thursday, August 4, 2022**



Two ways to place an ad: Email [classified@roanoke.com](mailto:classified@roanoke.com)



2. *Blog post with the survey link on the RVARC website, which was posted on August 4, 2022*



3. *Emailed survey links to nearly 400 people identified as potential survey takers*

**Let your voice be heard!**

Learn more about the projects and complete the survey

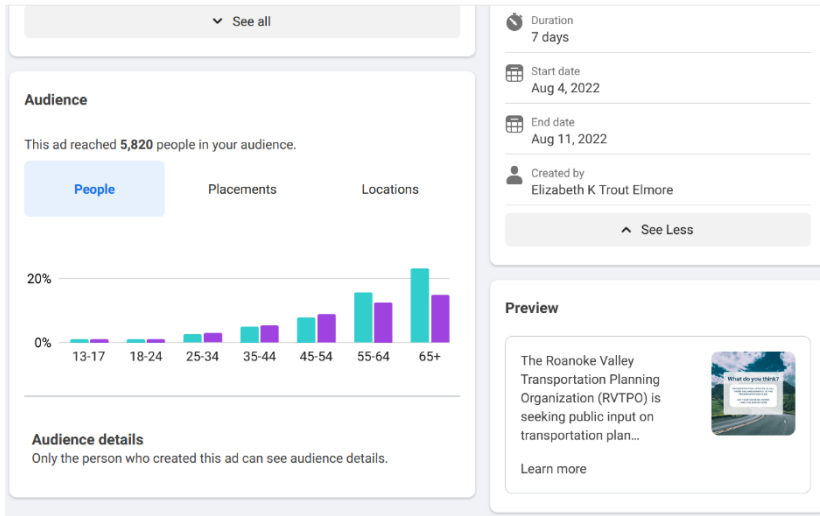
**TAKE THE SURVEY**

**The Roanoke Valley Transportation Planning Organization (RVTPO) is accepting comments on amendments to the Roanoke Valley Transportation Plan. Comments will be accepted until August 17th, 2022, and a public hearing will be held at 1:00 pm on August, 25th, 2022 at 313 Luck Avenue SW, Roanoke VA. For accommodations call (540) 343-4417 or E-mail: bhill@rvarc.org. Hearing impaired persons call 711 for access. The RVTPO strives to provide reasonable accommodations for persons who require special assistance to participate in public involvement opportunities. The RVTPO fully complies with Title VI of the Civil Rights Act of 1964 in all programs and activities.**

Roanoke Valley-Alleghany Regional Commission, 313 Luck Avenue SW,  
Roanoke, VA 24016, United States, 5403434417

[Unsubscribe](#) [Manage preferences](#)

#### 4. Facebook ad boosted to RVARC zip codes



#### Survey and Respondent Demographics

As of August 16, 2022, 153 people had participated in the survey.

The Facebook ad ran from August 4, 2022, to August 11, 2022, at a daily budget of \$14.25 with a target audience of 18–65-year-olds in the RVTPO zip codes 24019, 24153, 24017, 24012, and a 25-mile radius around them. Overall, the ad reached 5,820 people and generated 287 link clicks.

Table 1: Age Range of Respondents by Gender

| Age   | Men   | Women |
|-------|-------|-------|
| 18-24 | 0.6%  | 0.5%  |
| 25-34 | 3.0%  | 2.5%  |
| 35-44 | 5.3%  | 5.0%  |
| 45-54 | 8.8%  | 7.9%  |
| 55-64 | 15.6% | 12.6% |
| 65+   | 14.8% | 23.2% |

Figure 2: Percentage of Respondents by Age

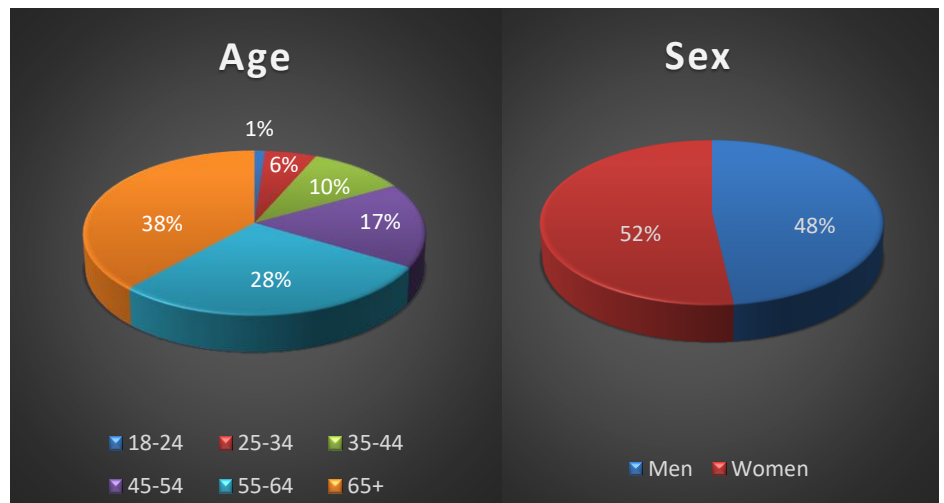


Figure 1: Percentage of Respondents by Sex

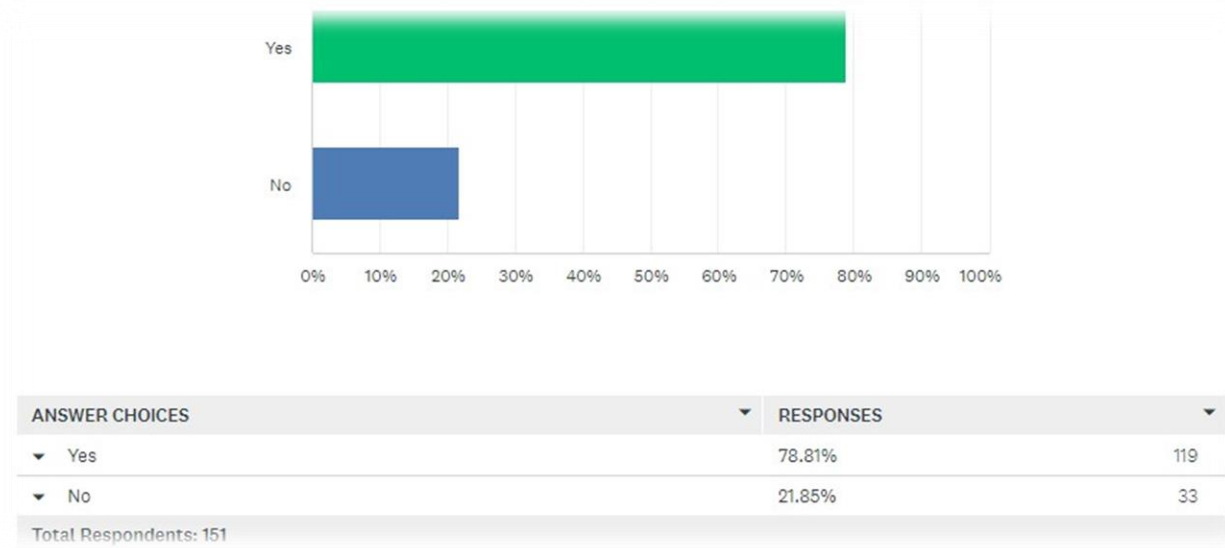
The email was sent to a list of 380 potential survey takers, and 371 successful deliveries generated an open rate of 28.6%. The total click rate was 15.9% but a click-through rate of 55.7%, 59 clicks. Click rate are those who opened the email, click through rate refers to those who opened the email and clicked on the link to the survey.

Amendment #6 to the Roanoke Valley Transportation Plan includes two main questions: the approval/disapproval of the updated cost estimate of 12 projects, and the incorporation of two unfunded new projects into the Plan. The survey also included a section with optional demographic questions, which are presented below.

Table 2: Existing Projects with Cost Estimate Increases of 10% or Greater

| Locality            | Project Name  | Project Description  | Original Cost | New Estimated Cost |
|---------------------|---|--|---------------|--------------------|
| Roanoke City        | 9 <sup>th</sup> Street Multimodal Improvements                        | Pedestrians, cyclist, and vehicle operators could benefit from sidewalks and on-road parking.                        | \$625,000     | \$889,000          |
| Roanoke City        | Roanoke River Greenway Bridge the Gap Phase 2 Segment 2               | People could safely walk or bike along Aerial Way Drive from the Norwich neighborhood.                               | \$7,985,000   | \$9,726,000        |
| Vinton              | Walnut Ave Bike/Ped Accommodations (5 <sup>th</sup> St to Town Limit) | Pedestrians and cyclists could travel on Walnut Ave. and 5th St. to the Vinton town limit.                           | \$1,684,030   | \$2,068,000        |
| Roanoke County      | Roanoke River Greenway through Explore Park                           | Pedestrians and cyclists could travel through the Explore Park to Rutrough Rd.                                       | \$3,020,308   | \$4,222,000        |
| Roanoke County      | #SMART18- West Main Street Sidewalk Installation                      | People could benefit from new sidewalk installation.   | \$1,037,000   | \$1,152,000        |
| Salem District-Wide | Rte 220 Access Management Project                                     | This will improve traffic flow and safety on Rte. 220.   | \$10,196,000  | \$11,696,000       |
| Roanoke County      | Pedestrian Improvements on Route 11 (Williamson)                      | Pedestrian Improvements on Route 11 - North Roanoke Assisted Living to Clubhouse Drive.                              | \$1,500,000   | \$2,573,000        |
| Roanoke County      | Dry Hollow Road Safety Improvements                                   | Safety Improvements around West River Rd.  | \$2,185,000   | \$4,637,000        |
| Salem               | Downtown Salem – Roanoke Boulevard                                    | Improvements for pedestrians and cyclists.   | \$1,000,000   | \$1,841,000        |
| Salem               | Elizabeth Greenway  | Pedestrian and cyclists could travel through this path to connect between East Main Street and Mason Creek Greenway. | \$1,104,400   | \$1,832,000        |
| Salem               | #SGR18LB – Apperson Drive Bridge Replacement                          | Bridge replacement.  | \$7,497,000   | \$8,438,000        |
| Roanoke City        | Franklin Road Sidewalk Improvements – Rte 220 B Phase 2               | People could benefit from the sidewalk, crosswalk, and drainage improvements.  | \$1,791,000   | \$2,241,000        |

Figure 3: Do You Support the Addition of These Projects Presented above?

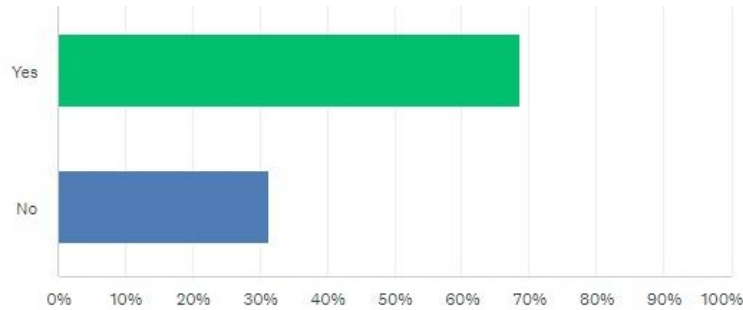


Of the respondents answering this question 79% were in favor of the projects’ addition to the Plan, with 21% not in favor.

Table 3: New Unfunded Projects to be Added to the RVTP

| Project Name   | Locality         | Cost Estimate |
|--|------------------|---------------|
| Rte. 779 Appalachian Trail Safety Improvements                         | Botetourt County | \$1,159,501   |
| I-81 Bypass along Texas St. from Roanoke Blvd. to Electric Rd. - Salem | Salem            | \$23,505,499  |

Figure 4: Do You Support the Addition of These Projects Presented above?



| ANSWER CHOICES | RESPONSES |            |
|----------------|-----------|------------|
| Yes            | 68.75%    | 99         |
| No             | 31.25%    | 45         |
| <b>TOTAL</b>   |           | <b>144</b> |

69% of respondents said ‘yes’ to the two projects in question. Additional comments revealed that some respondents only supported one of the projects.

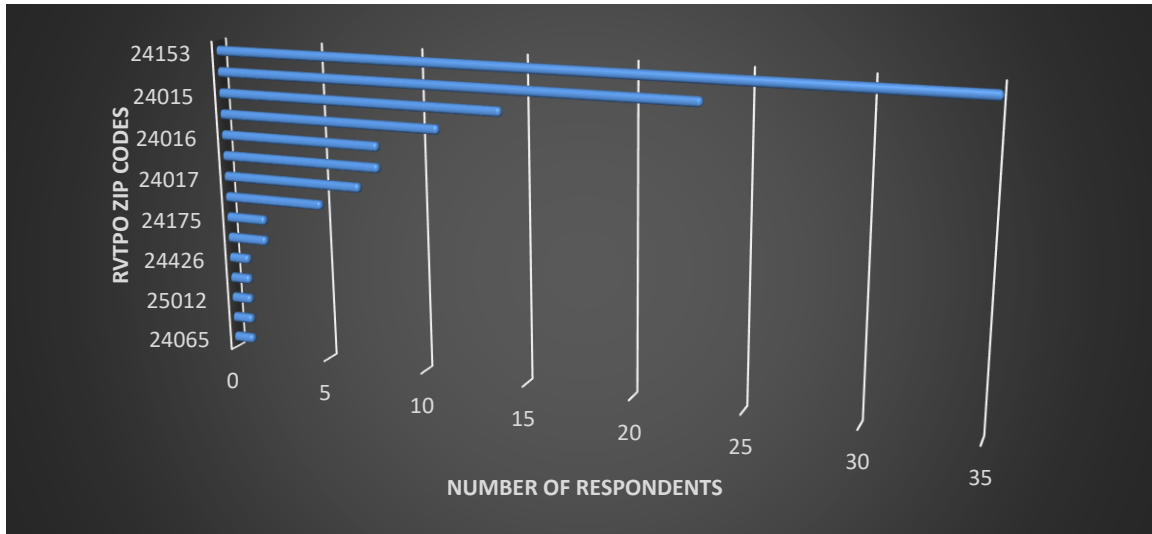
The comments (attached in the appendix) show a mix of opinions. Comments were received in support of bike/ped infrastructure and comments that desired a focus on roadways. Similarly, there were comments both in favor of and against greenway investments. Multiple comments expressed concern over the large increases in cost and the expense of projects. For more specific comments refer to the appendix.

### Demographic Questions

Demographic information was collected to determine if the participants’ demographic characteristics are similar to those of the region. Participants were asked their zip code, race/ethnicity, household income, and age. Demographic information was provided by 95% of survey respondents.

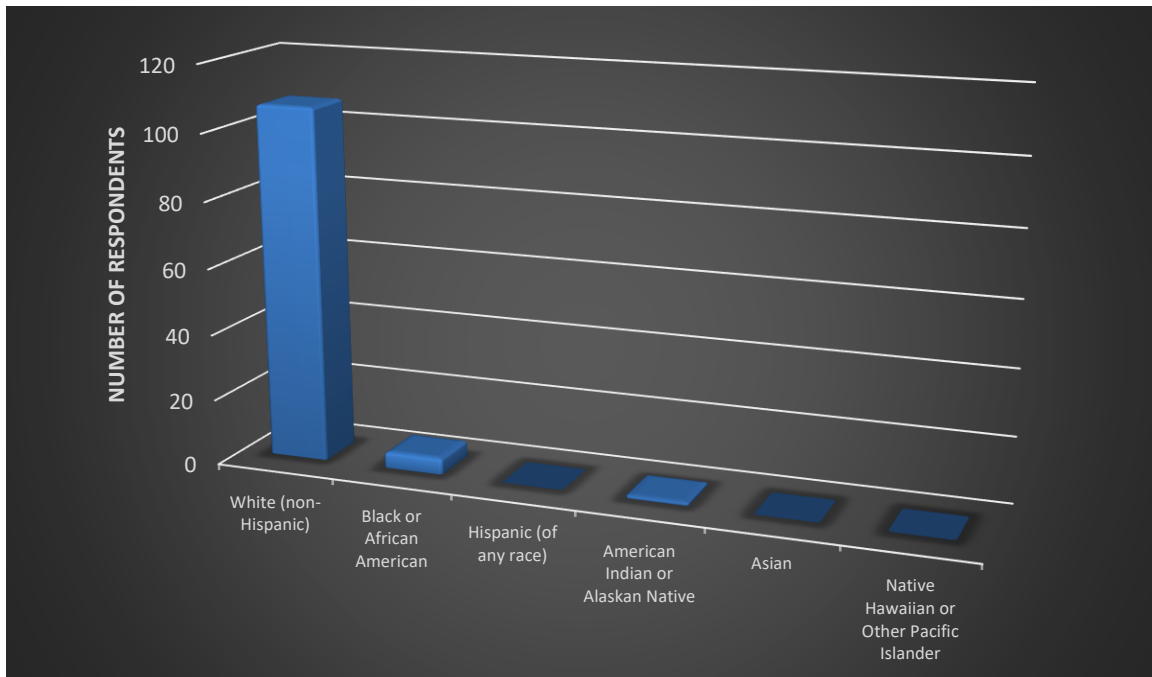
Zip code information was used during the survey period to adjust advertising to reach zip codes that were under-responding relative to their proportion of the regional population. All zip codes were within 5% of their population proportion and all but two zip codes were within 3% (Table 4). Therefore, the geographic distribution of survey participants is similar to the population of the region.

Table 4. Respondent Distribution by Zip Code



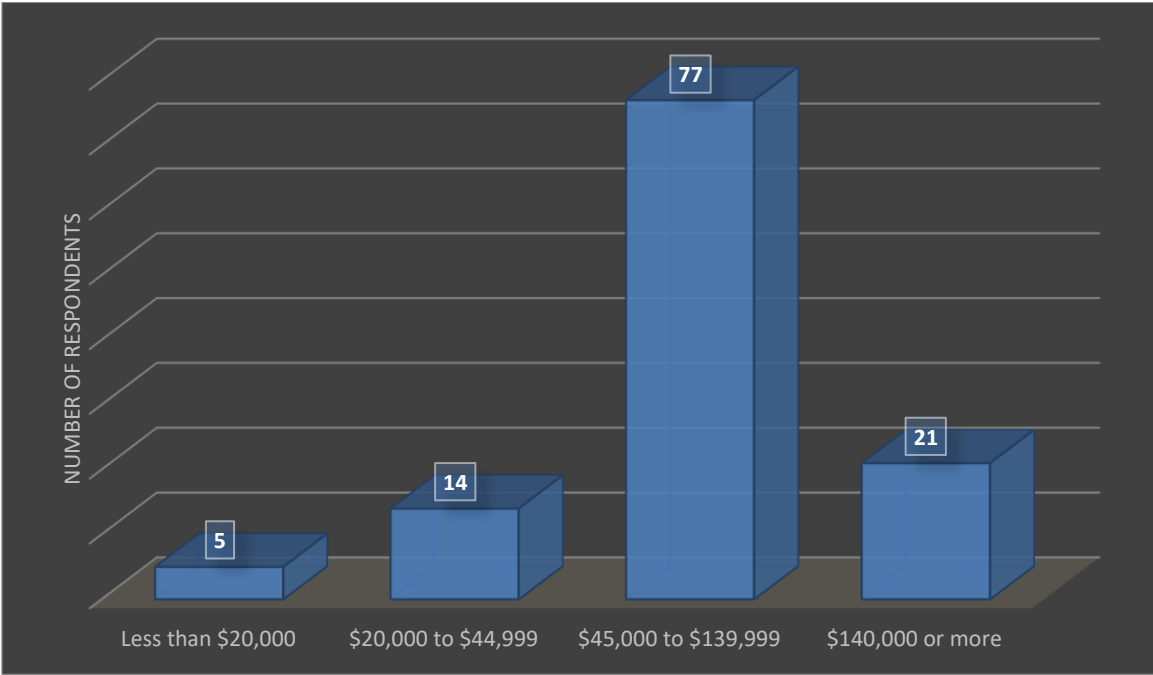
Race/ethnicity was provided by 72 participants (Table 5). Black or African American and Hispanic or Latino are underrepresented relative to the proportion of the population.

Table 5. Race/Ethnicity of Participants



Household income was provided by 70 participants (Table 6) Four percent of participants have a household income of less than \$20,000, and the RVTPO region has a poverty rate of 12%. It is likely that people in poverty are under-represented in this survey.

Table 6. Annual Household Income of Survey Participants





### Appendix of Comments

1. More funding should be allocated to road improvements. Seems to be a lot more pedestrian funding on this list.
2. Safety and improvements that prioritize vulnerable road users will always be a good investment for our community.
3. the new costs are substantially higher than the original costs
4. There needs to be a response other than Yes and No. To me the greenway and other pedestrian projects need to go forward on a priority basis, but not the road projects.
5. Except for the Rte 220 Access Management Project
6. Most of them.
7. These need to be prioritized. Costs have doubled in some cases.
8. Do the bicycle improvements reduce street parking? If so, opposed. I researched and found bike lanes are considered ineffective. Please google it yourselves.
9. I support most, except the Apperson drive bridge and Rt. 220 projects. That money would be better spent elsewhere.
10. I'd rather not pay more taxes until I see improvements made in city and county parks. There's a problem when it takes four months for the county to clear fallen trees at Garst Mill Park.
11. Our roads in general are in great need of repair. Most of what i see here is unnecessary.
12. The 5th avenue/walnut Ave to 5th street. Have you actually driven this in morning or evening traffic. The Vinton round about at Hardy road and by-pass road. This one would eliminate 2 traffic lights and create more madness than can be imagined. The Vinton residential roads are deplorable.
13. Many of these seem gratuitously expensive for the return. Nearly \$2 million to extend the Mason Creek Greenway 3/5s of a mile?
14. excessive cost
15. Bicycle is a hazard on roads that are intended for automotive use
16. Need to pave roads that need paving
17. I support all of these - a lot more attention needs to be paid in this area for pedestrians and cyclists.
18. You can't maintain the existing infrastructure, so don't waste money building more. The roundabout at 311 and Thompson Memorial is a mess! To small, bad signage on the pavement, turns are cramped. You will never convince me that the millions you spent will ever become a savings over the electricity spent annually on operating the lights
19. 10% or more is misleading! Several of these are increased over a million dollars each. This is just too much for projects so pedestrians and cyclists can get around in greenways. Improvements for traffic flow, bridge repair, and road improvements are more likely to be necessary.
20. The Apperson Bridge Project is essential. There are wooden blocks being used as supports underneath the bridge!
21. Not all of them, just about half
22. Improvements should include study of water flow during heavy downpours and plan to avoid flooding. Improvements should include planting trees and other climate change adaptations.
23. Might be beneficial to know % of completion on these projects since these are amendments, this is assuming they have already begun?

24. Too expensive
25. Prefer priority to greenway items
26. It's a transportation issue and all I see is wasted tax dollars on sidewalks or bike lanes, fix the roads first.
27. Especially the bridge replacement on Apperson drive
28. Most of them, but none affect my area. Other than West River Road, which is rarely used because Roanoke Co. doesn't allow citizens to use the area.
29. Not all of them. Bridge improvements - yes. Williamson road and 9th street improvement
30. Safety improvements should always be added, even at cost additions
31. It is too expensive.
32. More information needed on the Salem project. Why is it needed
33. not sure about A6-43, what is this?
34. Great to see some Botetourt improvements and this is very needed!
35. First one yes, second no
36. Once again, yes for the AT safety project, and No for the I-81 bypass through Salem
37. The Rt 779/AT project is good, but the other sounds terrible.
38. I-81 Bypass is unnecessary. The road builders are making enough on that interstate already.
39. A6-34 has an undetermined cost estimate, and I can't find a thing on what it entails. We're already dumping \$180 million to widen I-81 through Salem.
40. excessive cost
41. A6-34 what would that entail?
42. Any money that comes to Botetourt is welcomed. The roads need repacked on Hillview. They just keep dealing with black paint cause it is not holding up.
43. A6-34 seems useless
44. I support the AT improvements, not sure about the bypass, would need more information
45. Only the first one
46. Again, it's transportation issues not Appalachian trail issues.
47. Only the one in salem
48. Appalachian trail is not mainstream, to support more people. Spend the \$ to benefit more!
49. Federal funds should cover Appalachian Trail improvements. The Salem project does not have an estimated cost, so it is hard to agree or disagree.
50. No comment.
51. Is some of this funding able to be set aside in reserve for currently planned projects that may go overbudget?
52. Roanoke County should be required to pay a larger portion of the investment to catch up on their infrastructure needs. They should not be rewarded for not investing in those items as they allowed housing to sprawl over the last 60 years.
53. Where's the round-about at Starkey & Yellow Mountain Rd?
54. Please consider adding protected bicycle lanes to the transportation plan as well as e-bike rebates to incentivize residents to avoid using cars.
55. The bus needs to be expanded as well. People can't work if they can't get there
56. In view of the state of Virginia purchasing the former Virginian Railway mainline between Salem and Merrimac, serious attention needs to go to maximizing public benefit. Supposedly this is to extend one Amtrak train each day from Roanoke to the New River Valley. That would be a very poor return on the state's multi-million-dollar investment.

For years I have predicted that this line would be deemed surplus by Norfolk Southern and that we needed to plan to take advantage of it. Now it has happened, and no planning has been done. WE NEED TO DEVELOP A PLAN FOR HOURLY COMMUTER RAIL SERVICE ON THIS LINE, connecting the NRV and the Carilion/VA Tech campus in Roanoke.

57. This is an example of a poorly designed survey that is either yes or no for a whole pile of separate items with no information about any of them.
58. Improve public transit
59. The more greenways and pedestrian friendly infrastructure, the better for the long-term health of the valley. Thank you!
60. Please put a sidewalk on Cleveland ave in Salem, between Thompson Memorial and High St This will improve pedestrians walking and riding to Roanoke College
61. West Roanoke County infrastructure is being built with no consideration for traffic. In Glenvar, we are literally trapped very often between green hill park and Main st. Salem restaurants closing lanes if 81 is locked up. And it's often locked up.
62. Improve safety on I-81, especially in construction zones. Exits 137 to 150. Take VT and RU traffic into account when scheduling construction. Do more night work.
63. Use the money to repair our roads that are in terrible shape. Most of what i see on your list is for bikers and pedestrians. Roads that benefit everyone should come first.
64. The only one I have any strong objections to is Williamson Rd. The plan makes no sense. It's a MAJOR HIGHWAY thru Roanoke as well as a city street. Narrowing the car lanes is DANGEROUS!!!
65. Money should be "invested" in additional enforcement - reckless driving, speeding, etc - on I-81. Tractor trailer drivers think they own that interstate, knowing that there is no ongoing enforcement.
66. I didn't realize Roanoke County had this kind of money to spend. Huh.

## August 2022 Amendment #6 to the Roanoke Valley Transportation Planning Organization's Roanoke Valley Transportation Plan

### Proposed Amendment

*We are seeking your input on what you would like to see transportation funding being spent on within the Roanoke Valley.*

*If you need assistance completing this survey, please call Bryan Hill at (540) 343-4417, email [bhill@rvarc.org](mailto:bhill@rvarc.org), or visit 313 Luck Avenue, SW in Roanoke, VA 24016. This survey is available at [www.rvarc.org](http://www.rvarc.org).*

***This survey will be open until Wednesday, August 17th, 2022.***

***A public hearing on the proposed amendment will be held on Thursday, August 25th, 2022, at 1:00pm at the RVTPO Policy Board Meeting, 313 Luck Ave. SW, Roanoke, VA 24016.***

*The Roanoke Valley Transportation Planning Organization is seeking public input on amendments to its Roanoke Valley Transportation Plan. Amendment #6 includes three sections: projects with 10% or more estimated budget adjustments, the updated scope of work and cost of several planned projects, and new projects for inclusion in the plan.*

## August 2022 Amendment #6 to the Roanoke Valley Transportation Planning Organization's Roanoke Valley Transportation Plan

### 10% Estimated Budget Adjustment

The projects in the table below have a 10% or more estimated budget adjustment. Please use the table to answer questions regarding the projects and their new estimated budget adjustments.

| Locality            | Project Name  | Project Description  | Original Cost | New Estimated Cost |
|---------------------|---|--|---------------|--------------------|
| Roanoke City        | 9 <sup>th</sup> Street Multimodal Improvements                        | Pedestrians, cyclist, and vehicle operators could benefit from sidewalks and on-road parking.                        | \$625,000     | \$889,000          |
| Roanoke City        | Roanoke River Greenway Bridge the Gap Phase 2 Segment 2               | People could safely walk or bike along Aerial Way Drive from the Norwich neighborhood.                               | \$7,985,000   | \$9,726,000        |
| Vinton              | Walnut Ave Bike/Ped Accommodations (5 <sup>th</sup> St to Town Limit) | Pedestrians and cyclists could travel on Walnut Ave. and 5th St. to the Vinton town limit.                           | \$1,684,030   | \$2,068,000        |
| Roanoke County      | Roanoke River Greenway through Explore Park                           | Pedestrians and cyclists could travel through the Explore Park to Rutrough Rd.                                       | \$3,020,308   | \$4,222,000        |
| Roanoke County      | #SMART18- West Main Street Sidewalk Installation                      | People could benefit from new sidewalk installation.   | \$1,037,000   | \$1,152,000        |
| Salem District-Wide | Rte 220 Access Management Project                                     | This will improve traffic flow and safety on Rte. 220.   | \$10,196,000  | \$11,696,000       |
| Roanoke County      | Pedestrian Improvements on Route 11 (Williamson)                      | Pedestrian Improvements on Route 11 - North Roanoke Assisted Living to Clubhouse Drive.                              | \$1,500,000   | \$2,573,000        |
| Roanoke County      | Dry Hollow Road Safety Improvements                                   | Safety Improvements around West River Rd.  | \$2,185,000   | \$4,637,000        |
| Salem               | Downtown Salem – Roanoke Boulevard                                    | Improvements for pedestrians and cyclists.   | \$1,000,000   | \$1,841,000        |
| Salem               | Elizabeth Greenway  | Pedestrian and cyclists could travel through this path to connect between East Main Street and Mason Creek Greenway. | \$1,104,400   | \$1,832,000        |
| Salem               | #SGR18LB – Apperson Drive Bridge Replacement                          | Bridge replacement.  | \$7,497,000   | \$8,438,000        |
| Roanoke City        | Franklin Road Sidewalk Improvements – Rte 220 B Phase 2               | People could benefit from the sidewalk, crosswalk, and drainage improvements.  | \$1,791,000   | \$2,241,000        |

#### 1. Do you support the addition of these projects presented above?

Yes

No

#### Comment Section

August 2022 Amendment #6 to the Roanoke Valley Transportation Planning Organization's  
 Roanoke Valley Transportation Plan

**New Projects**

*The projects in the table below are new projects being added to the Roanoke Valley Transportation Plan.*

| Project Number | UPC | Project Name   | Locality         | Cost Estimate |
|----------------|-----|--|------------------|---------------|
| A5-33          | N/A | Rt 779 Appalachian Trail Safety Improvements                           | Botetourt County | \$1,159,501   |
| A6-34          | N/A | I-81 Bypass along Texas St. from Roanoke Blvd. to Electric Rd. - Salem | Salem            | Undetermined  |

**2. Do you support the addition of these projects presented above?**

- Yes
- No

*Comment Section*

August 2022 Amendment #6 to the Roanoke Valley Transportation Planning Organization's  
Roanoke Valley Transportation Plan

**Other Comments**

**3. Do you have any other comments about this draft amendment to the Roanoke Valley  
Transportation Plan?**

August 2022 Amendment #6 to the Roanoke Valley Transportation Planning Organization's  
Roanoke Valley Transportation Plan

**Demographic information**

*Optional. By providing demographic information, you help the Roanoke Valley Transportation Planning Organization determine whether public input is representative of the population of our region.*

*Demographic information is separated from your responses to the previous questions.*

**4. What is your race/ethnicity? Please select all the apply.**

- White (non-Hispanic)*
- Black or African American*
- Hispanic (of any race)*
- American Indian or Alaska Native*
- Asian*
- Native Hawaiian or Other Pacific Islander*

*Other*

**5. What is your zip code?**

**6. Annual Household Income**

- Less than \$20,000*
- \$20,000 to \$44,999*
- \$45,000 to \$139,999*
- \$140,000 or more*



The 25<sup>th</sup> day of August 2022

## RESOLUTION

### **Approval of Amendment #6 to the Roanoke Valley Transportation Planning Organization Constrained Long-Range Multimodal Transportation Plan – Vision 2040: Roanoke Valley Transportation**

**WHEREAS**, federal regulations implemented as a result of the Fixing America’s Surface Transportation Act (FAST Act) require urbanized area metropolitan planning organizations to develop and approve a fiscally constrained metropolitan transportation plan; and

**WHEREAS**, the Roanoke Valley Transportation Planning Organization (RVTPO) Vision 2040: Roanoke Valley Transportation plan has been developed as a result of a continuing, comprehensive, and cooperative (3-C) transportation planning process; and

**WHEREAS**, a major feature of the 3-C urban transportation planning process is the continuing observation and reappraisal of the transportation plan, and the Vision 2040: Roanoke Valley Transportation Plan as amended is the Roanoke Valley’s metropolitan transportation plan; and

**WHEREAS**, Amendment #6 reflects major increases in estimated costs to several planned projects, updated scopes and cost estimates to projects in the plan, and new projects consistent with the vision and goals of the RVTPO Policy Board for the Roanoke Valley’s transportation future; and

**WHEREAS**, federal performance measure requirements have been integrated into the document and are hereby acknowledged;

**WHEREAS**, in accordance with the RVTPO’s Public Participation Plan, public input has been sought in amending the Plan and the feedback has been shared with the Policy Board; and

**NOW, THEREFORE BE IT RESOLVED**, that the Policy Board of the Roanoke Valley Transportation Planning Organization approves Amendment #6 to the Vision 2040: Roanoke Valley Transportation Plan,

**AND, THEREFORE, BE IT FURTHER RESOLVED**, that this plan shall serve the Commonwealth of Virginia and the federal government as the primary guidance for future transportation related investments in the Roanoke Valley area.

Billy W. Martin, Sr.  
Chair

**TPO POLICY BOARD:** Cities of Roanoke and Salem; Counties of Bedford, Botetourt, Montgomery and Roanoke; Town of Vinton; Greater Roanoke Transit Company (*Valley Metro*); Roanoke-Blacksburg Regional Airport; Virginia Department of Rail & Public Transportation; Virginia Department of Transportation