

Fully or Partially Funded Projects

Roanoke Valley Transportation Planning Organization



Introduction	This spreadsheet lists the transportation projects that have previously received full or partial funding. They are included in the financial plan of the Roanoke Valley Transportation Plan. Transit costs reflect the FFY24-27 total cost estimate.
	See the NEST tool to map the projects: https://experience.arcgis.com/experience/ba6a7632c966493e8bc60459676fd1af

Project Type	Funded
---------------------	--------

State ID	Locality	RVTP Title	Cost
688	City of Roanoke	13th Street SE Improvements	\$25,223,724
8753	City of Salem	East Main Street - Widen to 3 Lanes w/ Bike Lane, Curb, Sidewalk	\$15,997,819
77305	Roanoke County	Route 116 over Back Creek Bridge Replacement	\$7,171,589
82193	Roanoke County	Rte. 220 over Back Creek Bridge Replacement	\$19,208,000
91191	Roanoke County	Roanoke River Greenway - City of Roanoke limit to Route 618 (Highland Rd.)	\$3,067,000
94726	Roanoke County	Rt. 221 over Martins Creek Bridge Replacement	\$3,648,000
97171	Roanoke County	Roanoke River Greenway - Green Hill Park to Riverside Park	\$12,697,000
106265	City of Roanoke	Garden City Boulevard Greenway	\$1,000,000
106268	City of Salem	Hanging Rock Battlefield Trail	\$809,959
107055	Roanoke County	Williamson Road/Peters Creek Road Pedestrian Safety Improvements	\$1,503,000
107061	Roanoke County	Route 419 Safety Improvements at Tanglewood	\$7,048,000
108896	City of Roanoke	Colonial Avenue Improvements	\$7,000,000
108906	Roanoke County	I-81 NB Auxiliary Lanes - Exit 141 to 143	\$22,816,357
108991	Salem District-wide	Roadway Departure Treatments	\$2,810,000
109570	City of Roanoke	Route 460 /Hollins Road Traffic Signal Upgrade	\$562,000
109611	Town of Vinton	Glade Creek Greenway, Phase 2A	\$705,177
109612	City of Salem	Downtown Salem Streetscape Improvements	\$1,130,000
110101	City of Roanoke	Tinker Creek Trail Extension	\$9,100,000
110155	Roanoke County	Roanoke River Greenway - Blue Ridge Parkway to Explore Park	\$1,751,432
110395	Roanoke County	I-81 Auxiliary Lane from Exit 141 to 143	\$28,193,617
110574	City of Salem	Apperson Drive Bridge Replacement	\$8,438,000
110620	Roanoke County	Diuguids Lane Bridge Replacement over the Roanoke River	\$2,281,000
110624	Montgomery County	Rte. 11 over Norfolk Southern Bridge Deck Replacement	\$2,635,165
110887	Salem District-wide	Route 220 Access Management Improvements Project	\$11,696,083
111135	City of Roanoke	Flashing Yellow Arrow - various locations, City of Roanoke	\$277,000
111137	City of Roanoke	Rectangular Rapid Flashing Beacons - City of Roanoke	\$108,000
111317	Roanoke County	Williamson Road Pedestrian Improvements Peters Creek Road to Plantation Road	\$1,934,000
111360	City of Roanoke	Franklin Road Sidewalk Improvements	\$764,000
111366	Roanoke County	Plantation Road Improvements Phase II Walrond Drive to Gander Way	\$2,321,596
111367	City of Salem	Mason Creek Greenway - Route 460 to Roanoke River Greenway	\$2,610,310
111370	City of Roanoke	Hollins Road and Orange Avenue Intersection Improvements	\$5,117,482
111371	City of Salem	Downtown Salem Streetscape and Intersection Improvements	\$3,629,869
111373	Roanoke County	I-81 Southbound Auxiliary Lane - Exit 143 and 141	\$13,829,000
111407	Roanoke County	Adaptive Traffic Control Improvements: Brambleton Avenue (Colonial Ave. to Ranchcrest Dr.) and Electric Road (Springwood Park Dr. to McVitty Rd.; Carriage Ln. to Valley Dr.)	\$663,457
111649	Town of Vinton	Walnut Avenue Bicycle and Pedestrian Accommodations 5th Street to Roanoke City/Town West Limits	\$2,068,142
111983	Roanoke County	I - 81 Auxiliary Lane from Exit 143 to 141	\$15,785,499
113144	Roanoke County	Starkey Road/Buck Mountain Road Intersection Improvements	\$5,841,480
113322	Town of Vinton	Hardy Road/Dillon Woods Crosswalk	\$497,911
113324	City of Roanoke	Installation of Pedestrian Countdown Signal on Orange Avenue	\$108,000
113356	Roanoke County	Roanoke River Greenway, Parkway Crossing	\$708,258
113565	Town of Vinton	Walnut Avenue Bicycle and Pedestrian Accommodations - West Lee Avenue to 1st Street	\$881,360
113566	City of Salem	Elizabeth Greenway	\$1,832,171
113567	Roanoke County	Roanoke River Greenway Extension through Explore Park to Rutrough Rd.	\$4,222,000
113570	City of Roanoke	I-581 Exit 2 Interchange Study	\$190,000
113947	Roanoke County	Pedestrian Improvements on Route 11 - North Roanoke Assisted Living to Clubhouse Drive	\$2,573,000
114331	Salem District-wide	Advanced Signal Control Technology and Communication Installation	\$407,136
115457	Botetourt County	Route 220 and International Parkway Intersection	\$4,551,000
115460	Roanoke County	Route 419/Route 220 Diverging Diamond Interchange	\$17,505,000
115473	Roanoke County	Route 813 Bridge over Roanoke River	\$2,411,233
116077	Salem District-wide	Safety Prescoping Salem	\$1,560,914
116197	Roanoke County	I-81 NB Widening - Exit 128 to Exit 137	\$265,372,320
116201	Roanoke County	I-81 Widening - MM 144 to Exit 150	\$322,157,080
116203	Roanoke County	I-81 Widening - MM136 to MM141	\$292,480,000
116326	Roanoke County	Maintenance of Cameras, Congestion Monitoring System	\$1,598,224
116328	Roanoke County	Management Fee for Cameras, Congestion Monitoring System	\$188,492
117211	Salem District-wide	Curve Delineation	\$839,921

State ID	Locality	RVTPO Title	Cost
117212	Salem District-wide	Pedestrian Crossing Improvements on 419 and at Plantation/Hershberger Intersections	\$615,000
117213	Salem District-wide	FY21 Unsignalized Intersections	\$62,574
117215	Salem District-wide	Edgeline Rumble Strips Installation	\$791,322
117221	City of Roanoke	Franklin Road Sidewalk Improvements Phase 2	\$2,241,000
117972	City of Salem	I-81 Detour Improvements	\$2,800,000
117994	City of Roanoke	9th Street Pedestrian and Transit Improvements	\$889,000
117995	Town of Vinton	Glade Creek Greenway, Phase 2B	\$784,659
118034	Roanoke County	I-81 Detour Improvements - Signal Communications	\$450,000
119452	Botetourt County	Route 460 at Laymantown Road Intersection Improvement	\$7,623,347
119462	Roanoke County	Route 419 Streetscape Improvements Phase 2, Ogden Road to Starkey Road	\$18,469,482
119468	Roanoke County	Valleypointe Parkway Realignment	\$9,837,072
119472	Town of Vinton	Walnut Avenue Corridor Improvements - 1st to 4th St.	\$7,399,781
119473	City of Salem	Main Street / Market Street Intersection Improvements	\$2,312,000
119474	City of Salem	Apperson Drive / Orchard Drive Intersection Improvement	\$2,388,000
119475	City of Salem	College Avenue Streetscape	\$3,017,132
119555	City of Roanoke	Aviation Drive / Valley View Boulevard Pedestrian Improvements	\$7,178,491
119562	City of Roanoke	Roanoke River Greenway - Rotary Park to Bridge St.	\$4,521,000
119586	City of Roanoke	Riverland Road Greenway	\$1,313,000
119666	City of Roanoke	Roanoke River Greenway - Bennington Street to Tinker Creek Greenway	\$6,400,000
119668	Salem District-wide	Edgeline Rumble Strips Installation	\$2,844,247
119669	Salem District-wide	Centerline Rumble Strips Installation	\$54,457
119671	Salem District-wide	Centerline Rumble Strips Installation	\$208,671
119911	Town of Vinton	Gus Nicks Boulevard Pedestrian/Bicycle Crossing	\$404,000
120611	Roanoke County	Route 460 at Alternate Route 220 Intersection Improvements	\$21,796,984
120899	Salem District-wide	FY23 Curve Delineation	\$6,616,897
120900	Salem District-wide	FY23 Unsignalized Intersections	\$3,177,426
120996	Botetourt County	Salem Bridge Rehabilitation Contract	\$6,156,000
121433	Roanoke County	Route 419/220 Diverging Diamond Interchange	\$4,043,556
121708	Systemwide	Resurfacing Roanoke & Craig Primaries	\$1,595,016
121971	City of Roanoke	1556 Campbell Avenue SW Resurfacing	\$381,000
121977	City of Roanoke	1554 Campbell Avenue SW Resurfacing	\$451,235
122101	Roanoke County	Glade Creek Greenway Vinyard Park West Roanoke County	\$651,375
122110	Roanoke County	Route 460 Intersections W. Ruritan Road to Huntridge Road	\$10,304,328
GRT0001	City of Roanoke	VM Fixed-Routes: 11, 12, 15, 16, 21, 22, 25, 26, 31, 32, 35, 36, 41, 42, 51, 52, 55, 56, 61, 62, 65, 66, 71, 72, 75, 76, 85, 86, 91, 92. SmartWay: Base, Express and Connector. Starline Trolley.	\$35,153,304
GRT0002	City of Roanoke	Preventative Maintenance for Valley Metro Vehicles	\$3,578,484
GRT0003	City of Roanoke	Replace Valley Metro transit vehicles	\$6,320,152
GRT0004	City of Roanoke	Valley Metro Support Vehicles	\$240,000
GRT0005	City of Roanoke	Bus Stop Enhancements	\$600,000
GRT0006	City of Roanoke	Renovation of Administration and Maintenance Building	\$1,000,000
GRT0007	Systemwide	Shop Equipment	\$80,000
RAD0001	Roanoke County	Purchase of RADAR paratransit vehicles	\$640,000
ROA0001	Roanoke County	CORTRAN turnkey third-party provided operating assistance	\$1,200,000
TBD-001	City of Roanoke	Wiley Drive Bridge Replacement over Roanoke River	\$3,780,000
T21476	Salem District-wide	Guardrail Installation	\$500,000
T21479	Salem District-wide	Rumble Strip Installation	\$500,000
122050	Roanoke County	Oak Grove Streetscape - Route 419/Carriage/Grandin Intersection	\$218,748
T24579	Roanoke County	Orange Market Park and Ride / Parking Lot Improvements	\$1,250,000
T24740	Botetourt County	Rte. 220 Superstreet Improvement	\$15,461,000
T26750	Town of Vinton	Glade Creek Greenway Phase 3 PE/Study	\$275,000
T26754	City of Roanoke, Roanoke County	I-581 Exit 2 (Peters Creek Road) Interchange Improvements Phase 1	\$20,438,688
122099	City of Roanoke	Williamson Road Pedestrian Safety - Roanoke	\$575,000
T27104	City of Roanoke	Persinger Road Bridge Replacement	\$3,905,000
T27105	City of Roanoke	13th Street Bridge Replacement over Tinker Creek	\$6,822,000
122120	0	Orange Avenue Improvements, Hickory Woods Drive to Blue Hills Village Drive	\$13,842,213



Project Details

Basic Information

RVTPO Project Title: 13th Street SE Improvements
 RVTPO ID: 2020.0900.160
 State Project Title: 13TH STREET IMPROVEMENTS
 State ID: 688
 Locality: City of Roanoke
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Minor Arterial
 Limits From: 0.46 mil south of Church Avenue
 Limits To: Norfolk Avenue
 Project Length (mi.): 0.28

Project Detail

Project Description: Reconstruction w/o added capacity; pedestrian and bicycle improvements.

Transportation Solutions Utilized: Roadway Reconstruction, New Bike Lane, New Sidewalk, Stormwater management/transportation infrastructure resilience (flooding prevention, etc...)

Need Type(s) Addressed: System Management (operations, assets), Safety (ped), Safety (bike)

Need ID(s) Addressed: N_741_B_S

Anticipated Transportation Benefits: Motorists will travel along a more appealing roadway without flooding issues. People will be able to walk on sidewalks or bike in bike lanes and more origin/destinations will be safer to access for people who choose to travel by foot or bike in this area.

Anticipated Objectives Met: 1A, 3D, 5A, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$25,293,033
Total Cost Estimate	\$25,223,724

Planned Obligations

Groupings: Ungroup



Project Details

Basic Information

RVTPO Project Title:	East Main Street - Widen to 3 Lanes w/ Bike Lane, Curb, Sidewalk
RVTPO ID:	2020.0900.153
State Project Title:	#HB2.FY17 RTE460 - ADD'N OF CTL W/ BIKE LN, CURB, SIDEWALK
State ID:	8753
Locality:	City of Salem
Project Administrator:	VDOT

Location

Facility Name:	N/A
Route Number:	U.S. 460
Functional Classification:	Other Principal Arterial
Limits From:	0.028 mi. W of Rte 311
Limits To:	0.006 mi. W of Brand Avenue
Project Length (mi.):	0.65

Project Detail

Project Description:	Widening to 3 lanes. Improve drainage, capacity, and non-motorized transportation facilities on E. Main St. from Rt. 311 to Brand Ave. by adding storm sewer, curbing, sidewalks, bike lanes, and turn lanes. A traffic signal will be added at Lynchburg Turnpike.
Transportation Solutions Utilized:	New Turn Lane, New Sidewalk, New Bike Lane, Stormwater management/transportation infrastructure resilience (flooding prevention, etc...), Intersection Reconfiguration (install new signal or innovative intersection), Transit Stop/Rail Station Amenitie
Need Type(s) Addressed:	Congestion, Safety (auto), Safety (bike)
Need ID(s) Addressed:	N_1659_2_T,N_165_P_S,N_431_P_S,N_431_B_S
Anticipated Transportation Benefits	People will benefit from added lanes which will address issues regarding congestion. There is also pedestrian and bike accomodations being added with intersection improvements.
Anticipated Objectives Met:	1A, 2A, 3A, 3D, 5A, 6B, 6C, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$15,925,395
Total Cost Estimate	\$15,997,819

Planned Obligations

Groupings:	Construction : Safety/ITS/Operational Improvements
------------	--



Project Details

Basic Information

RVTPO Project Title: Route 116 over Back Creek Bridge Replacement
 RVTPO ID: 2035.0411.047
 State Project Title: RTE. 116 OVER BACK CREEK (STR. 14928) - BRIDGE REPLACEMENT
 State ID: 77305
 Locality: Roanoke County
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: Route 116
 Functional Classification: Minor Arterial
 Limits From: 0.285 mi. S Rte. 945
 Limits To: 0.584 mi. S Rte. 945
 Project Length (mi.): 0.67

Project Detail

Project Description: Bridge Replacement on Rte. 116 over Back Creek (Ext. Str. ID 14928 - VA Str. No. 1087)

Transportation Solutions Utilized: Bridge Rehabilitation/Replacement

Need Type(s) Addressed: System Management (operations, assets)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: Bridge replacement to ensure destinations can be accessed within the area.

Anticipated Objectives Met: 5A, 7D

Funding Allocations

Total Allocations	\$7,146,676
Total Cost Estimate	\$7,171,589

Planned Obligations

Groupings: Construction : Bridge Rehabilitation/Replacement/Reconstruction



Project Details

Basic Information

RVTPO Project Title: Rte. 220 over Back Creek Bridge Replacement
RVTPO ID: 2035.0411.050
State Project Title: RTE. 220 OVER BACK CREEK (STR. 14935) - BRIDGE REPLACEMENT
State ID: 82193
Locality: Roanoke County
Project Administrator: VDOT

Location

Facility Name: N/A
Route Number: Route 220
Functional Classification: Other Principal Arterial Ramp
Limits From: 0.199 mi. S of Crowell Gap Road/Winter Drive (Rte. 657)
Limits To: 0.311 mi. N of Rte. 657
Project Length (mi.): 0.42

Project Detail

Project Description: Replace bridge over Back Creek

Transportation Solutions Utilized: Bridge Rehabilitation/Replacement

Need Type(s) Addressed: System Management (operations, assets)

Need ID(s) Addressed: N_46_N_A

Anticipated Transportation Benefits: Bridge replacement to ensure destinations can be accessed within the area or corridor around Back Creek.

Anticipated Objectives Met: 5A

Funding Allocations

Total Allocations	\$18,885,090
Total Cost Estimate	\$19,208,000

Planned Obligations

Groupings: Construction : Bridge Rehabilitation/Replacement/Reconstruction



Project Details

Basic Information

RVTPO Project Title:	Roanoke River Greenway - City of Roanoke limit to Route 618 (Highland Rd.)
RVTPO ID:	2040.0717.005
State Project Title:	RNKE RIVER GRNWX - CITY OF ROANOKE TO ROUTE 618
State ID:	91191
Locality:	Roanoke County
Project Administrator:	Roanoke County

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Minor Collector
Limits From:	City of Roanoke limit
Limits To:	Route 618 (Highland Road)
Project Length (mi.):	1.28

Project Detail

Project Description: Construction of a 0.5 mile section of the greenway from Roanoke city across properties owned by the WVWA and AEP. Construction of a separate 0.5 mile section across Explore Park property owned by the VA Recreational Facilities Authority adjacent to the Blue Ridge Parkway. A trailhead/parking lot is proposed on Highland Road.

Transportation Solutions Utilized: New Shared-Use Path/ADA Accessible Greenway Trail

Need Type(s) Addressed: Safety (bike), Safety (ped)

Need ID(s) Addressed: N_544_P_S,N_544_N_A,N_544_B_S

Anticipated Transportation Benefits: People can benefit from newly construction sections of the Roanoke River Greenway and Explore Park, adjacent to the Blue Ridge Parkway and a trailhead at Highland Road.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 5A, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$2,470,093
Total Cost Estimate	\$3,067,000

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title:	Rt. 221 over Martins Creek Bridge Replacement
RVTPO ID:	2040.0717.054
State Project Title:	RTE. 221 OVER MARTINS CREEK (STR. 14945) - BRIDGE REPLACEMENT
State ID:	94726
Locality:	Roanoke County
Project Administrator:	VDOT

Location

Facility Name:	N/A
Route Number:	Route 221
Functional Classification:	Minor Arterial
Limits From:	0.03 mi S. Int Rte 696
Limits To:	0.07 mi N. Int. Rte 696
Project Length (mi.):	0.15

Project Detail

Project Description:	Replace bridge over Martin's Creek
----------------------	------------------------------------

Transportation Solutions Utilized:	Bridge Rehabilitation/Replacement
------------------------------------	-----------------------------------

Need Type(s) Addressed:	System Management (operations, assets)
-------------------------	--

Need ID(s) Addressed:	Stakeholder Identified Maintenance Need
-----------------------	---

Anticipated Transportation Benefits	Bridge replacement to ensure destinations can be accessed within the area or corridor around Martins Creek.
-------------------------------------	---

Anticipated Objectives Met:	5A
-----------------------------	----

Funding Allocations

Total Allocations	\$3,488,319
Total Cost Estimate	\$3,648,000

Planned Obligations

Groupings:	Construction : Bridge Rehabilitation/Replacement/Reconstruction
------------	---



Project Details

Basic Information

RVTPO Project Title: Roanoke River Greenway - Green Hill Park to Riverside Park
 RVTPO ID: 2040.0717.006
 State Project Title: #HB2.FY17 ROANOKE CO, RRG, GREEN HILL PK TO RIVERSIDE PK
 State ID: 97171
 Locality: Roanoke County
 Project Administrator: Roanoke County

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Major Collector
 Limits From: Green Hill Park
 Limits To: Existing greenway along West Riverside Drive
 Project Length (mi.): 1.83

Project Detail

Project Description: Construction of a section of the Roanoke River Greenway connecting the trail from Green Hill Park in Roanoke County to the existing greenway along West Riverside Drive.

Transportation Solutions Utilized: New Shared-Use Path/ADA Accessible Greenway Trail

Need Type(s) Addressed: Safety (bike), Safety (ped)

Need ID(s) Addressed: N_529_B_S

Anticipated Transportation Benefits: People will experience landscaping enhancements along Roanoke River Greenway from Green Hill Park to Riverside Park.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 5A, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$12,902,342
Total Cost Estimate	\$12,697,000

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title: Garden City Boulevard Greenway
 RVTPO ID: 2040.0717.007
 State Project Title: GARDEN CITY BLVD BIKE/PED - TRANSPORTATION ALTERNATIVES
 State ID: 106265
 Locality: City of Roanoke
 Project Administrator: City of Roanoke

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Major Collector
 Limits From: Davenport Avenue / Ivywood Street
 Limits To: Riverland Road
 Project Length (mi.): 1.30

Project Detail

Project Description: 8' wide multi-use trail. VDOT Project Pool Description: Design and construction of bicycle and pedestrian facilities on Garden City Boulevard.

Transportation Solutions Utilized: New Shared-Use Path/ADA Accessible Greenway Trail

Need Type(s) Addressed: Safety (ped), Safety (bike)

Need ID(s) Addressed: N_146_P_S

Anticipated Transportation Benefits: Pedestrians and bicyclists can travel more safely between the Garden City neighborhood and the Riverland/Bennington commercial area.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 5A, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$1,680,336
Total Cost Estimate	\$1,000,000

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title: Hanging Rock Battlefield Trail
 RVTPO ID: 2040.0717.008
 State Project Title: HANGING ROCK BATTLEFIELD TRAIL - TRANSPORTATION ALTERNATIVES
 State ID: 106268
 Locality: City of Salem
 Project Administrator: City of Salem

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Other Principal Arterial
 Limits From: Hanging Rock Battle Field Trail Head
 Limits To: East Main Street
 Project Length (mi.): 0.59

Project Detail

Project Description: Shared Use Path from the Hanging Rock Battle Field Trail Head to allow Bike/Pedestrians to walk from the Trail Head to East Main Street

Transportation Solutions Utilized: New Shared-Use Path/ADA Accessible Greenway Trail

Need Type(s) Addressed: Safety (bike), Safety (ped)

Need ID(s) Addressed: N_540_P_S,N_540_N_A,N_540_B_S,

Anticipated Transportation Benefits: Pedestrians and cyclists can use this trail to get from the Hanging Rock Battlefield monument to East Main Street.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 5A, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$1,424,135
Total Cost Estimate	\$809,959

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title:	Williamson Road/Peters Creek Road Pedestrian Safety Improvements
RVTPO ID:	2040.0717.080
State Project Title:	ROUTE 11 & 117 ROANOKE CO. - PEDESTRIAN SAFETY IMPROVEMENTS
State ID:	107055
Locality:	Roanoke County
Project Administrator:	VDOT

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Other Principal Arterial
Limits From:	Route 117 (Peters Creek Road)
Limits To:	Williamson Road
Project Length (mi.):	0.59

Project Detail

Project Description: Project will upgrade signals, add pedestrian push buttons and crosswalks to existing signalized intersections on Routes 11 & 117 in Roanoke County.

Transportation Solutions Utilized: Pedestrian Crossing Improvement

Need Type(s) Addressed: Safety (ped)

Need ID(s) Addressed: N_380_P_S

Anticipated Transportation Benefits: People will be able to safely walk through this intersection along Williamson Road and Peters Creek Road.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$1,504,183
Total Cost Estimate	\$1,503,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Route 419 Safety Improvements at Tanglewood
 RVTPO ID: 2040.0717.058
 State Project Title: #HB2.FY17 ROUTE 419 SAFETY IMPROVEMENTS AT TANGLEWOOD
 State ID: 107061
 Locality: Roanoke County
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: Route 419
 Functional Classification: Other Principal Arterial
 Limits From: Route 867
 Limits To: Route 220
 Project Length (mi.): 0.55

Project Detail

Project Description: VDOT Project Pool Description: Improve safety and congestion by upgrading signals, adding pedestrian accommodation, bike lanes, and a third lane along Rte. 419 South, toward Rte 220.

Transportation Solutions Utilized: Bicycle/Pedestrian Crossing Improvement, New Through Travel Lane, New Bike Lane

Need Type(s) Addressed: Congestion, Safety (auto), Safety (bike)

Need ID(s) Addressed: N_59_2_MV_S, N_59_2_P_S, N_613_N_A

Anticipated Transportation Benefits: People will be able to benefit from an added travel lane, and improved signal coordination that will aid in congestion. People will also be able to travel through the area by a new bike lane.

Anticipated Objectives Met: 1A, 2A, 3D, 5A, 6A, 6A, 6B, 6C, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$6,770,354
Total Cost Estimate	\$7,048,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	Colonial Avenue Improvements
RVTPO ID:	2040.0717.072
State Project Title:	#HB2.FY17 COLONIAL AVENUE IMPROVEMENTS
State ID:	108896
Locality:	City of Roanoke
Project Administrator:	City of Roanoke

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Minor Arterial
Limits From:	300 ft beyond Winding Way Road SW
Limits To:	Clearfield Road SW
Project Length (mi.):	0.47

Project Detail

Project Description: Streetscape, vehicle, multimodal improvements near Murray Run Greenway, Fishburn Park Elem School and VWCC. Installation of bike lanes, sidewalk to both sides of the street, improved transit stops, pedestrian crossings, and roundabouts at Overland Rd, McNeil Rd, and Winding Way Rd.

Transportation Solutions Utilized: Intersection Reconfiguration (install new signal or innovative intersection), Streetscape Improvements (lights, benches, landscaping, bike parking, etc...), New Sidewalk, Transit Stop/Rail Station Amenities, Pedestrian Crossing Improvement, New Bike Lan

Need Type(s) Addressed: System Management (operations, assets), Safety (ped), Safety (bike)

Need ID(s) Addressed: N_447_B_S, N_98_3_P_S

Anticipated Transportation Benefits People will benefit from the intersection reconfiguration which will help address congestion issues. People will also benefit from using the new sidewalk, transit stop/amenity, pedestrian crossing improvements and a new bike lane.

Anticipated Objectives Met: 1A, 3B, 3D, 4A, 4B, 7A, 7B, 7C

Funding Allocations

Total Allocations	\$7,000,000
Total Cost Estimate	\$7,000,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	I-81 NB Auxiliary Lanes - Exit 141 to 143
RVTPO ID:	2040.0717.017
State Project Title:	#HB2.FY17 I-81 AUXILIARY LANES FROM EXIT 141 TO 143
State ID:	108906
Locality:	Roanoke County
Project Administrator:	VDOT

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Interstate
Limits From:	I-81 Exit 141 NB
Limits To:	I-81 MM 143 NB
Project Length (mi.):	2.44

Project Detail

Project Description: Provide additional capacity between I-81 NB Exit 141 & Exit 143 and provide for safer merge movements between exits. Include 12-ft auxiliary lane & 12-ft outside shoulder. Auxiliary lane will be an extension of the entrance ramp @ Exit 141 to extend to Exit 143 onto I-581. Mill & overlay existing travel lanes.

Transportation Solutions Utilized: New Auxiliary Travel Lane, New Shoulder

Need Type(s) Addressed: System Management (operations, assets), Safety (auto)

Need ID(s) Addressed: N_1626_T,N_1626_N_SM,N_1626_N_A,N_1625_MV_S

Anticipated Transportation Benefits When traveling from Rte. 419 to I-581, motorists no longer will enter the through lanes rather stay in the auxiliary lane easing operations and improving safety on the interstate through lanes.

Anticipated Objectives Met: 1A, 2A, 3C, 5A, 6B, 6C

Funding Allocations

Total Allocations	\$23,336,478
Total Cost Estimate	\$22,816,357

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	Roadway Departure Treatments
RVTPO ID:	2040.0717.029
State Project Title:	SYSTEMIC ROADWAY DEPARTURE TREATMENTS
State ID:	108991
Locality:	Salem District-wide
Project Administrator:	VDOT

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Interstate
Limits From:	Various
Limits To:	Various
Project Length (mi.):	1.22

Project Detail

Project Description: Surface treatment

Transportation Solutions Utilized: Shoulder Improvement (rumble strips, other shoulder treatments)

Need Type(s) Addressed: Safety (auto)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: Roadway safety improvements are being implemented in various locations.

Anticipated Objectives Met: 1A, 5A, 7C, 7D

Funding Allocations

Total Allocations	\$1,955,400
Total Cost Estimate	\$2,810,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	Route 460 /Hollins Road Traffic Signal Upgrade
RVTPO ID:	2040.0717.063
State Project Title:	ORANGE AVENUE/ HOLLINS ROAD SIGNAL UPGRADE - CITY OF ROANOKE
State ID:	109570
Locality:	City of Roanoke
Project Administrator:	Roanoke County

Location

Facility Name:	N/A
Route Number:	Route 460
Functional Classification:	Other Principal Arterial
Limits From:	Hollins Road NE (Route 115)
Limits To:	N/A
Project Length (mi.):	2.47

Project Detail

Project Description: Traffic signal upgrade.

Transportation Solutions Utilized: Signal Coordination/Re-timing

Need Type(s) Addressed: System Management (operations, assets)

Need ID(s) Addressed: N_1659_N_SM

Anticipated Transportation Benefits: The new traffic signal equipment will replace outdated equipment to continue facilitating traffic movements at this intersection.

Anticipated Objectives Met: 2A, 6B, 6C

Funding Allocations

Total Allocations	\$446,477
Total Cost Estimate	\$562,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Glade Creek Greenway, Phase 2A
 RVTPO ID: 2040.0717.009
 State Project Title: GLADE CREEK GREENWAY, PHASE 2
 State ID: 109611
 Locality: Town of Vinton
 Project Administrator: Town of Vinton

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Minor Arterial
 Limits From: 5th Street and Walnut Avenue
 Limits To: Gus Nicks Boulevard
 Project Length (mi.): 0.49

Project Detail

Project Description: Paved 10' wide greenway from Gus Nicks Boulevard to Gearhart Park.

Transportation Solutions Utilized: New Shared-Use Path/ADA Accessible Greenway Trail

Need Type(s) Addressed: Safety (bike), Safety (ped)

Need ID(s) Addressed: N/A

Anticipated Transportation Benefits: People can walk and cycle from 5th Street and Walnut Ave to Gus Nicks Blvd through the Glade Creek Greenway.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 5A, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$682,720
Total Cost Estimate	\$705,177

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title: Downtown Salem Streetscape Improvements
 RVTPO ID: 2040.0717.010
 State Project Title: DOWNTOWN STREETScape IMPROVEMENTS
 State ID: 109612
 Locality: City of Salem
 Project Administrator: City of Salem

Location

Facility Name: N/A
 Route Number: Route 460
 Functional Classification: Other Principal Arterial
 Limits From: West side of Broad Street
 Limits To: East side of White Oak Alley
 Project Length (mi.): 0.08

Project Detail

Project Description: Facilities for pedestrians and bicycles.

Transportation Solutions Utilized: Streetscape Improvements (lights, benches, landscaping, bike parking, etc...)

Need Type(s) Addressed: Safety (ped), Safety (bike)

Need ID(s) Addressed: N_440_P_S

Anticipated Transportation Benefits: People can walk downtown Salem from White Oak Alley to Broad Street and enjoy the improvements to the sidewalk and environment

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 5A, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$1,130,397
Total Cost Estimate	\$1,130,000

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title:	Tinker Creek Trail Extension
RVTPO ID:	2040.0717.034
State Project Title:	TINKER CREEK TRAIL EXTENSION PHASE 2A
State ID:	110101
Locality:	City of Roanoke
Project Administrator:	City of Roanoke

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Off-Rd
Limits From:	13th Street
Limits To:	Masons Mill Park
Project Length (mi.):	2.30

Project Detail

Project Description:	Multi-use urban bike/ped recreational trail following the Tinker Creek stream and connecting Fallon Park, Masons Mill Park, and Roanoke's Center for Industry and Technology. The proposed extension to the existing Tinker Creek Trail would provide for a 10' wide asphalt bicycle and pedestrian shared use trail from Fallon Park, located near Wise Avenue, to Masons Mill Park. Project includes two bridges over Tinker Creek near Masons Mill Park.
Transportation Solutions Utilized:	New Shared-Use Path/ADA Accessible Greenway Trail

Need Type(s) Addressed:	Safety (bike), Safety (ped)
Need ID(s) Addressed:	N_526_P_S, N_526_B_S, N_1110_B_S, N_605_P_S

Anticipated Transportation Benefits	People will benefit from the extension of this multi-use path which will allow people to connect to other greenways and preferred destinations.
-------------------------------------	---

Anticipated Objectives Met:	1A, 3D, 4A, 4B, 5A, 7A, 7B, 7C, 7D
-----------------------------	------------------------------------

Funding Allocations

Total Allocations	\$8,930,154
Total Cost Estimate	\$9,100,000

Planned Obligations

Groupings:	Construction : Transportation Enhancement/Byway/Non-Traditional
------------	---



Project Details

Basic Information

RVTPO Project Title: Roanoke River Greenway - Blue Ridge Parkway to Explore Park
 RVTPO ID: 2040.0717.015
 State Project Title: ROANOKE RIVER GREENWAY - BLUE RIDGE PARKWAY TO EXPLORE PARK
 State ID: 110155
 Locality: Roanoke County
 Project Administrator: Roanoke County

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Off-Rd
 Limits From: Blue Ridge Parkway
 Limits To: Explore Park
 Project Length (mi.): 1.94

Project Detail

Project Description: Shared use Bike/Pedestrian path from the Blue Ridge Parkway to Explore Park

Transportation Solutions Utilized: New Shared-Use Path/ADA Accessible Greenway Trail

Need Type(s) Addressed: Safety (bike), Safety (ped)

Need ID(s) Addressed: N_544_P_S,N_544_N_A,N_544_B_S

Anticipated Transportation Benefits: People can more safely walk or bike from the Blue Ridge Parkway to Explore Park.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 5A, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$1,733,750
Total Cost Estimate	\$1,751,432

Planned Obligations

Groupings: Construction : Federal Lands Highway



Project Details

Basic Information

RVTPO Project Title: I-81 Auxilliary Lane from Exit 141 to 143
RVTPO ID: 2040.0717.018
State Project Title: #HB2.FY17 I-81 AUX LN FR EXIT 141 -143 GARVEE DEBT SERVICE
State ID: 110395
Locality: Roanoke County
Project Administrator: VDOT

Location

Facility Name: N/A
Route Number: N/A
Functional Classification: Interstate
Limits From: I - 81 NB Exit 141
Limits To: I - 81 NB Exit 143
Project Length (mi.): 2.44

Project Detail

Project Description: See UPC 108906. This is a financial account tied to that project.

Transportation Solutions Utilized: N/A - Financial Account

Need Type(s) Addressed: N/A

Need ID(s) Addressed: N_1626_T,N_1626_N_SM,N_1626_N_A,N_1625_MV_S

Anticipated Transportation Benefits: N/A - Financial Account, see UPC 108906

Anticipated Objectives Met: 1A, 2A, 3C, 5A, 6B, 6C

Funding Allocations

Total Allocations	\$15,174,400
Total Cost Estimate	\$28,193,617

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	Apperson Drive Bridge Replacement
RVTPO ID:	2040.0717.147
State Project Title:	#SGR18LB - APPERSON DRIVE BRIDGE REPLACEMENT
State ID:	110574
Locality:	City of Salem
Project Administrator:	City of Salem

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Other Principal Arterial
Limits From:	East Riverside Drive
Limits To:	Route 419 - Electric Road
Project Length (mi.):	0.10

Project Detail

Project Description: Bridge replacement with added capacity.

Transportation Solutions Utilized: Bridge Rehabilitation/Replacement

Need Type(s) Addressed: System Management (operations, assets)

Need ID(s) Addressed: N_1559_N_SM, N, 306_N_SM

Anticipated Transportation Benefits: People will benefit from the bridge replacement and access their desired locations.

Anticipated Objectives Met: 5A, 6B, 6C

Funding Allocations

Total Allocations	\$8,229,344
Total Cost Estimate	\$8,438,000

Planned Obligations

Groupings: Construction : Bridge Rehabilitation/Replacement/Reconstruction



Project Details

Basic Information

RVTPO Project Title:	Diuguids Lane Bridge Replacement over the Roanoke River
RVTPO ID:	2040.0717.099
State Project Title:	#SGR18VB - RT 760 OVER ROA.RVR. (STR 15105) - SUPER REPLACE
State ID:	110620
Locality:	Roanoke County
Project Administrator:	VDOT

Location

Facility Name:	N/A
Route Number:	Route 760
Functional Classification:	Major Collector
Limits From:	0.15 mi. south of Salem City Line
Limits To:	the intersection with Route 639
Project Length (mi.):	0.17

Project Detail

Project Description: Replace bridge over the Roanoke River

Transportation Solutions Utilized: Bridge Rehabilitation/Replacement

Need Type(s) Addressed: System Management (operations, assets)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People will benefit from the bridge replacement and access their desired locations.

Anticipated Objectives Met: 5A, 7D

Funding Allocations

Total Allocations	\$1,766,115
Total Cost Estimate	\$2,281,000

Planned Obligations

Groupings: Construction : Bridge Rehabilitation/Replacement/Reconstruction



Project Details

Basic Information

RVTPO Project Title: Rte. 11 over Norfolk Southern Bridge Deck Replacement
RVTPO ID: 2040.0717.040
State Project Title: #SGR18VB - RTE. 11 OVER NSRR (STR. 12118) - DECK REPLACE
State ID: 110624
Locality: Montgomery County
Project Administrator: VDOT

Location

Facility Name: N/A
Route Number: Route 11
Functional Classification: Major Collector
Limits From: 0.4 mi. north of Big Spring Drive
Limits To: 0.4 mi. south of North Fork Road
Project Length (mi.): 0.23

Project Detail

Project Description: Bridge replacement on Rte. 11 over the Norfolk Southern Brigde Deck

Transportation Solutions Utilized: Bridge Rehabilitation/Replacement

Need Type(s) Addressed: System Management (operations, assets)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People will benefit from the bridge replacement and access their desired locations.

Anticipated Objectives Met: 3C, 5A, 6B

Funding Allocations

Total Allocations	\$1,828,305
Total Cost Estimate	\$2,635,165

Planned Obligations

Groupings: Maintenance : Preventive Maintenance for Bridges



Project Details

Basic Information

RVTPO Project Title:	Route 220 Access Management Improvements Project
RVTPO ID:	2040.0717.051
State Project Title:	RTE 220 ACCESS MANAGEMENT IMPROVEMENTS PROJECT
State ID:	110887
Locality:	Salem District-wide
Project Administrator:	VDOT

Location

Facility Name:	N/A
Route Number:	Route 220
Functional Classification:	Other Principal Arterial
Limits From:	Route 220 4-leg traffic signals between Valley Avenue/Southern Hills Drive and
Limits To:	Rte. 862 at the Valley Avenue Intersection
Project Length (mi.):	2.43

Project Detail

Project Description: Improve traffic flow and safety on Route 220 by installing through-cut intersections with pedestrian signals and crosswalks

Transportation Solutions Utilized: Access Management, Traffic Calming

Need Type(s) Addressed: Congestion, Safety (auto)

Need ID(s) Addressed: N_1726_3_N_SM, N_1726_2_MV_S

Anticipated Transportation Benefits: People will benefit from the intersection reconfiguration which will help address congestion issues.

Anticipated Objectives Met: 1A, 2A, 3A, 3C, 6B, 6C

Funding Allocations

Total Allocations	\$9,787,886
Total Cost Estimate	\$11,696,083

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	Flashing Yellow Arrow - various locations, City of Roanoke
RVTPO ID:	2040.0717.157
State Project Title:	FLASHING YELLOW ARROW - VARIOUS LOCATIONS - ROANOKE CITY
State ID:	111135
Locality:	City of Roanoke
Project Administrator:	City of Roanoke

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Other
Limits From:	Various
Limits To:	Various
Project Length (mi.):	0.11

Project Detail

Project Description: Install flashing yellow arrows at traffic signals in various locations in the City of Roanoke.

Transportation Solutions Utilized: Signal Coordination/Re-timing

Need Type(s) Addressed: System Management (operations, assets)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: Motorists will be able to turn left with caution more frequently than having to wait for a green arrow.

Anticipated Objectives Met: 1A, 6C, 7C

Funding Allocations

Total Allocations	\$99,478
Total Cost Estimate	\$277,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	Rectangular Rapid Flashing Beacons - City of Roanoke
RVTPO ID:	2040.0717.158
State Project Title:	RECTANGULAR RAPID FLASHING BEACONS - ROANOKE CITY
State ID:	111137
Locality:	City of Roanoke
Project Administrator:	City of Roanoke

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Other
Limits From:	Various
Limits To:	Various
Project Length (mi.):	0.11

Project Detail

Project Description: Install rectangular rapid flashing beacons in various locations to assist with pedestrian crossings.

Transportation Solutions Utilized: Pedestrian Crossing Improvement

Need Type(s) Addressed: Safety (ped)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits Motorists will be more likely to notice pedestrians crossing the street, and pedestrians will be safer due to the increased attention given to the crosswalk by the rectangular rapid-flashing beacon.

Anticipated Objectives Met: 1A, 3D, 6C, 7C

Funding Allocations

Total Allocations	\$32,551
Total Cost Estimate	\$108,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Williamson Road Pedestrian Improvements Peters Creek Road to Plantation Road
 RVTPO ID: 2040.0717.011
 State Project Title: #SMART20 - WILLIAMSON ROAD SIDEWALK IMPROVEMENTS
 State ID: 111317
 Locality: Roanoke County
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: Route 11
 Functional Classification: Other Principal Arterial
 Limits From: Route 117 (Peters Creek Road)
 Limits To: Route 115 (Plantation Road)
 Project Length (mi.): 0.35

Project Detail

Project Description: Construct a 5' sidewalk behind the curb on the north side of Williamson Road.

Transportation Solutions Utilized: New Sidewalk

Need Type(s) Addressed: Safety (ped)

Need ID(s) Addressed: N_47_P_S

Anticipated Transportation Benefits: People can more safely walk along the north side of Williamson Road between Peters Creek Road and Plantation Road and access six businesses as well as a large undeveloped pad site.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 5A, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$1,071,780
Total Cost Estimate	\$1,934,000

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title:	Franklin Road Sidewalk Improvements
RVTPO ID:	2040.0717.150
State Project Title:	FRANKLIN ROAD SIDEWALK IMPROVEMENTS- RT. 220 B- ROANOKE CITY
State ID:	111360
Locality:	City of Roanoke
Project Administrator:	City of Roanoke

Location

Facility Name:	N/A
Route Number:	Route 220B
Functional Classification:	Other Principal Arterial
Limits From:	3100 Block
Limits To:	220 Franklin Road Bypass
Project Length (mi.):	0.52

Project Detail

Project Description: The project scope includes construction of new sidewalk along the west side of business 220, Franklin Road, from the 3100 block to the 3700 block adjacent to the 220 bypass. Improvements include sidewalk construction, improved pedestrian crosswalks, pedestrian signals, and additional drainage improvements as warranted by sidewalk construction.

Transportation Solutions Utilized: New Sidewalk

Need Type(s) Addressed: Safety (ped)

Need ID(s) Addressed: N_75_P_S

Anticipated Transportation Benefits: Pedestrians will be able to walk more safely along this section of Franklin Road between the businesses, bus stops, and nearby residential areas.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 5A, 7A, 7B, 7C

Funding Allocations

Total Allocations	\$763,544
Total Cost Estimate	\$764,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	Plantation Road Improvements Phase II Walrond Drive to Gander Way
RVTPO ID:	2040.0717.149
State Project Title:	#SMART18 - PLANTATION RD BIKE/PED/STREETSCAPE PHASE II
State ID:	111366
Locality:	Roanoke County
Project Administrator:	VDOT

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Other Principal Arterial
Limits From:	Walrond Drive
Limits To:	Gander Way
Project Length (mi.):	0.22

Project Detail

Project Description: Continue the Plantation Road Project by constructing sidewalk, curb, gutter, drainage systems and landscaping between Walrond Drive and Gander Way, on the west side of Plantation Road. Add pedestrian signals and crosswalks at the Gander Way signal.

Transportation Solutions Utilized: New Shared-Use Path/ADA Accessible Greenway Trail Crossing, Bicycle/Pedestrian Crossing Improvement, Streetscape Improvements (lights, benches, landscaping, bike parking, etc...)

Need Type(s) Addressed: Safety (bike), Safety (ped), System Management (operations, assets)

Need ID(s) Addressed: N_79_P_S, N_937_N_SM,

Anticipated Transportation Benefits: People will be able to connect with other greenways, sidewalks or other on-road bike accommodations. More origin/destinations may become available to people who choose to travel by foot or bike in this area.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 5A, 7A, 7B, 7C

Funding Allocations

Total Allocations	\$2,313,669
Total Cost Estimate	\$2,321,596

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title:	Mason Creek Greenway - Route 460 to Roanoke River Greenway
RVTPO ID:	2040.0717.152
State Project Title:	#SMART18 - MASON CREEK GREENWAY PH3 - 419 MULTIMODAL IMPRV
State ID:	111367
Locality:	City of Salem
Project Administrator:	City of Salem

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Other Principal Arterial
Limits From:	Mason Creek Greenway
Limits To:	Hanging Rock Battlefield Trail
Project Length (mi.):	3.75

Project Detail

Project Description: Complete the missing link between the Mason Creek Greenway and Hanging Rock Battlefield Trail, and completes missing links to neighborhoods. Improves transit stops at various locations along US 460 and increases 419 mode choice.

Transportation Solutions Utilized: New Shared-Use Path/ADA Accessible Greenway Trail

Need Type(s) Addressed: Safety (bike), Safety (ped)

Need ID(s) Addressed: N_1403_B_S, N_59_4_P_S

Anticipated Transportation Benefits: People will benefit from the continuation of a shared-use path/ADA Accessible Greenway Trail that will span from Mason Creek Greenway to the Hanging Rock Battlefield Trail.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 7A, 7B, 7C

Funding Allocations

Total Allocations	\$1,766,000
Total Cost Estimate	\$2,610,310

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title: Hollins Road and Orange Avenue Intersection Improvements
 RVTPO ID: 2040.0717.154
 State Project Title: #SMART18 - HOLLINS RD & ORANGE AVE INTERSECTION IMPROVEMENTS
 State ID: 111370
 Locality: City of Roanoke
 Project Administrator: City of Roanoke

Location

Facility Name: N/A
 Route Number: Route 460
 Functional Classification: Other Principal Arterial
 Limits From: 0.2 mi. west of Orange Avenue / Hollins Road intersection
 Limits To: Intersection of Hollins Road and McDowell Avenue
 Project Length (mi.): 0.33

Project Detail

Project Description: Addition of an EB right turn lane on Orange Ave. at Hollins Rd. and additional left turn lanes in both directions on Orange Ave., widen / add capacity to Hollins Rd. in both directions in the immediate vicinity of the intersection.

Transportation Solutions Utilized: Intersection Reconfiguration (install new signal or innovative intersection), New Turn Lane

Need Type(s) Addressed: Congestion

Need ID(s) Addressed: N_1652_T, N_863_N_SM

Anticipated Transportation Benefits: People will benefit from the new turn lane and intersection enhancements that will address roadway congestion in that area of Orange Avenue and Hollins Road.

Anticipated Objectives Met: 1A, 2A, 5A, 6B, 6C, 7A, 7C, 7D

Funding Allocations

Total Allocations	\$5,117,482
Total Cost Estimate	\$5,117,482

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	Downtown Salem Streetscape and Intersection Improvements
RVTPO ID:	2040.0717.155
State Project Title:	#SMART18 - DOWNTOWN SALEM INT. & STREETScape IMPROVEMENTS
State ID:	111371
Locality:	City of Salem
Project Administrator:	City of Salem

Location

Facility Name:	N/A
Route Number:	Route 460
Functional Classification:	Minor Arterial
Limits From:	N. Market Street
Limits To:	Thompson Memorial Drive
Project Length (mi.):	0.29

Project Detail

Project Description: Improvements to intersections, transit stop, turn movements, and streetscape in Downtown Salem.

Transportation Solutions Utilized: Transit Stop/Rail Station Amenities, Streetscape Improvements (lights, benches, landscaping, bike parking, etc...)

Need Type(s) Addressed: Congestion, Safety (auto), Safety (ped)

Need ID(s) Addressed: N_1659_2_T, N_483_T_SM, N_627_N_SM, N_382_T

Anticipated Transportation Benefits: People will benefit from new transit stop and amenities and other beautification of Downtown Salem.

Anticipated Objectives Met: 1A, 2A, 3A, 3B, 3D, 6B, 6C, 7A, 7B, 7C

Funding Allocations

Total Allocations	\$3,116,180
Total Cost Estimate	\$3,629,869

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title: I-81 Southbound Auxiliary Lane - Exit 143 and 141
 RVTPO ID: 2040.0717.019
 State Project Title: #SMART18 - I-81 SB AUXILIARY LANE FROM EXIT 143 TO 141
 State ID: 111373
 Locality: Roanoke County
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Interstate
 Limits From: Exit 143
 Limits To: Exit 141
 Project Length (mi.): 2.55

Project Detail

Project Description: Construct auxiliary lane on I-81 SB from Exit 143 to Exit 141.

Transportation Solutions Utilized: New Auxiliary Travel Lane

Need Type(s) Addressed: System Management (operations, assets), Safety (auto)

Need ID(s) Addressed: N_1626_N_A, N_1626_N_SM, N_1626_T, N_607_MV_S

Anticipated Transportation Benefits: People driving on I-81 there will be an added south bound lane and entrance ramp between the 143 to 141 exit which will help with congestion getting on/off the interstate.

Anticipated Objectives Met: 1A, 2A, 3C, 5A, 6B, 6C

Funding Allocations

Total Allocations	\$13,268,328
Total Cost Estimate	\$13,829,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	Adaptive Traffic Control Improvements: Brambleton Avenue (Colonial Ave. to Ranchcrest Dr.) and Electric Road (Springwood Park Dr. to McVitty Rd.; Carriage Ln. to Valley Dr.)
RVTPO ID:	2040.0717.059
State Project Title:	#SMART18 - ROUTE 419 & RTE 221 ADAPTIVE TRAFFIC CONTROL
State ID:	111407
Locality:	Roanoke County
Project Administrator:	VDOT

Location

Facility Name:	N/A
Route Number:	Route 419 and Route 220
Functional Classification:	Other
Limits From:	Springwood Park - McVitty Road
Limits To:	Carriage Ln. - Valley Drive
Project Length (mi.):	0.93

Project Detail

Project Description: This project will add Adaptive Traffic Control systems to seven existing traffic signals on Route 419, and to four existing traffic signals on Route 221, in the Cave Spring and Oak Grove areas of Roanoke County.

Transportation Solutions Utilized: Signal Coordination/Re-timing

Need Type(s) Addressed: Congestion, System Management (operations, assets)

Need ID(s) Addressed: N_594_N_SM,N_59_T,N_59_3_T

Anticipated Transportation Benefits Motorists will be able to travel more quickly through these intersections and experience less traffic congestion.

Anticipated Objectives Met: 1A, 2A, 4A, 4B, 5A, 6B, 6C, 7A, 7C

Funding Allocations

Total Allocations	\$641,897
Total Cost Estimate	\$663,457

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	Walnut Avenue Bicycle and Pedestrian Accommodations 5th Street to Roanoke City/Town West Limits
RVTPO ID:	2040.0717.035
State Project Title:	WALNUT AVE BIKE/PED ACCOMMODATIONS (5TH ST TO TOWN LIMIT)
State ID:	111649
Locality:	Town of Vinton
Project Administrator:	Town of Vinton

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Major Collector
Limits From:	5th Street
Limits To:	City/Town limit
Project Length (mi.):	0.40

Project Detail

Project Description: Construct a sidewalk and bike lanes on Walnut Avenue between 5th Street and the City of Roanoke - Town of Vinton limit.

Transportation Solutions Utilized: New Sidewalk, New Bike Lane

Need Type(s) Addressed: Safety (ped)

Need ID(s) Addressed: N_14_B_S,N_84_P_S

Anticipated Transportation Benefits: People will be able to more safely walk between the neighborhood off of 5th Street, commercial area at Walnut Ave./8th St., and Indian Rock Village.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 5A, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$1,830,394
Total Cost Estimate	\$2,068,142

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title: I - 81 Auxilliary Lane from Exit 143 to 141
 RVTPO ID: 2040.0717.020
 State Project Title: #SMART18 - 81 SB AUX LN FRM EXIT 143-141 GARVEE DEBT SERVICE
 State ID: 111983
 Locality: Roanoke County
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Interstate
 Limits From: I-81 Exit 143
 Limits To: I-81 Exit 141
 Project Length (mi.): 2.55

Project Detail

Project Description: See UPC 111373. This is a financial account tied to that project.

Transportation Solutions Utilized: N/A - Financial Account

Need Type(s) Addressed: N/A

Need ID(s) Addressed: N_1626_T,N_1626_N_SM,N_1626_N_A,N_1625_MV_S

Anticipated Transportation Benefits: See UPC 111373. This is a financial account tied to that project.

Anticipated Objectives Met: 1A, 2A, 3C, 5A, 6B, 6C

Funding Allocations

Total Allocations	\$5,261,147
Total Cost Estimate	\$15,785,499

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Starkey Road/Buck Mountain Road Intersection Improvements
 RVTPO ID: 2040.0717.104
 State Project Title: #SMART22 - STARKEY ROAD/BUCK MTN ROAD INT IMPROVEMENTS
 State ID: 113144
 Locality: Roanoke County
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Major Collector
 Limits From: Buck Mountain Road
 Limits To: N/A
 Project Length (mi.): 0.14

Project Detail

Project Description: Convert the unsignalized intersection to a single lane roundabout with bicycle and pedestrian accommodations.

Transportation Solutions Utilized: Intersection Reconfiguration (install new signal or innovative intersection), Pedestrian Crossing Improvement, New Sidewalk, New Bike Lane

Need Type(s) Addressed: System Management (operations, assets), Safety (bike), Safety (ped)

Need ID(s) Addressed: N_2069_T, N_101_P_S

Anticipated Transportation Benefits: People will benefit from improvements to the Starkey Road and Buck Mountain intersection which will address issues of congestion. There will also be new pedestrian and bicycle facilities which will aid reaching desired destinations on foot.

Anticipated Objectives Met: 1A, 2A, 3D, 6B, 6C

Funding Allocations

Total Allocations	\$5,050,270
Total Cost Estimate	\$5,841,480

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Hardy Road/Dillon Woods Crosswalk
 RVTPO ID: 2040.0717.114
 State Project Title: HARDY ROAD/DILLON WOODS CROSSWALK
 State ID: 113322
 Locality: Town of Vinton
 Project Administrator: Town of Vinton

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Major Collector
 Limits From: Hardy Road
 Limits To: Dillon Drive
 Project Length (mi.): 0.16

Project Detail

Project Description: Install a pedestrian crosswalk on Hardy Road at Dillon Drive.

Transportation Solutions Utilized: Pedestrian Crossing Improvement

Need Type(s) Addressed: Safety (ped)

Need ID(s) Addressed: N_113_P_S

Anticipated Transportation Benefits: Students will be able to walk to WE Cundiff Elementary School more safely from the Dillon Woods neighborhood with a crosswalk across the five lanes on Hardy Road.

Anticipated Objectives Met: 1A, 3D, 4A, 7B

Funding Allocations

Total Allocations	\$497,911
Total Cost Estimate	\$497,911

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Installation of Pedestrian Countdown Signal on Orange Avenue
 RVTPO ID: 2040.0717.115
 State Project Title: INSTALLATION OF PEDESTRIAN COUNTDOWN SIGNAL
 State ID: 113324
 Locality: City of Roanoke
 Project Administrator: City of Roanoke

Location

Facility Name: N/A
 Route Number: Route 460
 Functional Classification: Major Collector
 Limits From: Orange Avenue
 Limits To: at Gainsboro Road/Burrell Street
 Project Length (mi.): 0.55

Project Detail

Project Description: Installation of Pedestrian Countdown Signal on Orange Avenue

Transportation Solutions Utilized: Pedestrian Crossing Improvement

Need Type(s) Addressed: Safety (ped)

Need ID(s) Addressed: N_164_P_S

Anticipated Transportation Benefits: Pedestrians will understand how much time remains for crossing the street enabling them to make safer choices for when to travel across the street.

Anticipated Objectives Met: 1A, 3D, 4A, 7B

Funding Allocations

Total Allocations	\$52,013
Total Cost Estimate	\$108,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Roanoke River Greenway, Parkway Crossing
 RVTPO ID: 2040.0717.239
 State Project Title: Roanoke River Greenway, Parkway Crossing
 State ID: 113356
 Locality: Roanoke County
 Project Administrator: Roanoke County

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Off-Rd
 Limits From: N/A
 Limits To: N/A
 Project Length (mi.): N/A

Project Detail

Project Description: 10' wide paved greenway trail crossing the Blue Ridge Parkway.

Transportation Solutions Utilized: Shared-Use Path/ADA Accessible Greenway Trail Crossing Improvement

Need Type(s) Addressed: Safety (bike), Safety (ped)

Need ID(s) Addressed: N/A

Anticipated Transportation Benefits: Bicyclists and pedestrians will have a safer way to cross the Blue Ridge Parkway.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 6A, 6A, 7A, 7B, 7C

Funding Allocations

Total Allocations	\$708,258
Total Cost Estimate	\$708,258

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title:	Walnut Avenue Bicycle and Pedestrian Accommodations - West Lee Avenue to 1st Street
RVTPO ID:	2040.0717.116
State Project Title:	WALNUT AVENUE BICYCLE AND PEDESTRIAN ACCOMMODATIONS
State ID:	113565
Locality:	Town of Vinton
Project Administrator:	Town of Vinton

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Major Collector
Limits From:	West Lee Avenue
Limits To:	1st Street
Project Length (mi.):	0.13

Project Detail

Project Description:	Design and construction of ADA access from the Farmers Market to 1st Street. Connecting existing sidewalks with new concrete sidewalk and curb ramps, adding bike lanes, crosswalks and cross street intersections, pedestrian lighting, utility adjustments to accommodate ADA requirements, and construction storm drain improvements as required.
Transportation Solutions Utilized:	New Sidewalk, New Bike Lane, Pedestrian Crossing Improvement, Stormwater management/transportation infrastructure resilience (flooding prevention, etc...)
Need Type(s) Addressed:	Safety (ped), Safety (bike), System Management (operations, assets)
Need ID(s) Addressed:	N_84_P_S
Anticipated Transportation Benefits	People will be able to connect with other greenways, sidewalks or other on-road bike accommodations. More origin/destinations may become available to people who choose to travel by foot or bike in this area.
Anticipated Objectives Met:	1A, 3D, 7B

Funding Allocations

Total Allocations	\$881,360
Total Cost Estimate	\$881,360

Planned Obligations

Groupings:	Construction : Transportation Enhancement/Byway/Non-Traditional
------------	---



Project Details

Basic Information

RVTPO Project Title: Elizabeth Greenway
 RVTPO ID: 2040.0717.117
 State Project Title: ELIZABETH GREENWAY
 State ID: 113566
 Locality: City of Salem
 Project Administrator: City of Salem

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Other
 Limits From: Lynchburg Turnpike
 Limits To: Texas Street
 Project Length (mi.): 0.15

Project Detail

Project Description: Construct approximately <1 mile of multiuse trail on Idaho Street and Lynchburgh Turnpike, sidewalk on the west side of Corporate Blvd. and bike lanes to connect the Elizabeth Campus property and the Salem Commerce Park. Build a bike/ped accommodation along Texas St. Complete missing links between East Main Street and Mason Creek Greenway.

Transportation Solutions Utilized: New Shared-Use Path/ADA Accessible Greenway Trail, New Sidewalk, New Bike Lane

Need Type(s) Addressed: Safety (bike), Safety (ped)

Need ID(s) Addressed: N/A

Anticipated Transportation Benefits: People will be able to walk or bike between the Elizabeth Campus, Salem YMCA, and other businesses in the corridor.

Anticipated Objectives Met: 1A, 3A, 3B, 3D, 4A, 4B, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$191,068
Total Cost Estimate	\$1,832,171

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title: Roanoke River Greenway Extension through Explore Park to Rutrough Rd.
 RVTPO ID: 2040.0717.036
 State Project Title: ROANOKE RIVER GREENWAY THROUGH EXPLORE PARK
 State ID: 113567
 Locality: Roanoke County
 Project Administrator: Roanoke County

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Minor Arterial
 Limits From: Explore Park
 Limits To: Rutrough Road
 Project Length (mi.): 2.41

Project Detail

Project Description: Construct 1.8 miles of a paved, 10-foot-wide, shared use path for bicyclists and pedestrians through Explore Park to Rutrough Rd.

Transportation Solutions Utilized: New Shared-Use Path/ADA Accessible Greenway Trail

Need Type(s) Addressed: Safety (bike), Safety (ped)

Need ID(s) Addressed: N_544_P_S,N_544_N_A,N_544_B_S,N_402_P_S

Anticipated Transportation Benefits: People will benefit from a shared use greenway trail that would allow people to access desired locations by foot or bike.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 5A, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$2,626,371
Total Cost Estimate	\$4,222,000

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title: I-581 Exit 2 Interchange Study
 RVTPO ID: 2040.0717.027
 State Project Title: I-581 EXIT 2 INTERCHANGE STUDY
 State ID: 113570
 Locality: City of Roanoke
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Other
 Limits From: Thirlane Road
 Limits To: Valley-Pointe Parkway
 Project Length (mi.): 0.15

Project Detail

Project Description: Reconstruct the I-581/Peters Creek Road interchange to improve turning movements and access to Valleypointe Pkwy. and Thirlane Rd.

Transportation Solutions Utilized: Study

Need Type(s) Addressed: System Management (operations, assets)

Need ID(s) Addressed: N_1180_MV_S,N_1147_N_A

Anticipated Transportation Benefits: Study to investigate the operational needs in this area and how to address them.

Anticipated Objectives Met: #Func!

Funding Allocations

Total Allocations	\$190,000
Total Cost Estimate	\$190,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Pedestrian Improvements on Route 11 - North Roanoke Assisted Living to Clubhouse Drive
 RVTPO ID: 2040.0717.041
 State Project Title: PEDESTRIAN IMPROVEMENTS ON ROUTE 11 (WILLIAMSON ROAD)
 State ID: 113947
 Locality: Roanoke County
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: Route 11
 Functional Classification: Other Principal Arterial
 Limits From: 0.24 mi. N of Rte 623 Dent Road
 Limits To: 0.063 mi. N of Rte 1822 Middleton Road
 Project Length (mi.): 0.80

Project Detail

Project Description: Pedestrian improvements along Williamson Road.

Transportation Solutions Utilized: New Sidewalk

Need Type(s) Addressed: Safety (ped)

Need ID(s) Addressed: N_48_B_S, N_83_P_S,

Anticipated Transportation Benefits: People will benefit from a new sidewalk which will help those who travel by foot to destinations along Williamson Road.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 5A, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$1,823,000
Total Cost Estimate	\$2,573,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Advanced Signal Control Technology and Communication Installation
 RVTPO ID: 2040.0717.081
 State Project Title: INSTALL ADVANCED SIGNAL CONTROL TECHNOLOGY AND COMMUNICATION
 State ID: 114331
 Locality: Salem District-wide
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Other
 Limits From: Various
 Limits To: Various
 Project Length (mi.): 0.78

Project Detail

Project Description: Safety

Transportation Solutions Utilized: ITS for Roadways (cameras, variable message signs/speed limits, signal preemption, road weather management, other sensors, etc...)

Need Type(s) Addressed: System Management (operations, assets), Congestion

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: The new signalization being implemented in various intersections will benefit motorists by making traffic flow more efficiently.

Anticipated Objectives Met: 1A, 2A, 4A, 4B, 5A, 6B, 6C

Funding Allocations

Total Allocations	\$394,167
Total Cost Estimate	\$407,136

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	Route 220 and International Parkway Intersection
RVTPO ID:	2040.0717.052
State Project Title:	#SMART20 - RTE 220 AND INTERNATIONAL PARKWAY INTERSECTION
State ID:	115457
Locality:	Botetourt County
Project Administrator:	VDOT

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Other Principal Arterial
Limits From:	0.25 Miles N of International Parkway
Limits To:	0.25 Miles N of International Parkway
Project Length (mi.):	0.58

Project Detail

Project Description: Intersection Reconfiguration for International Parkway

Transportation Solutions Utilized: Intersection Reconfiguration (install new signal or innovative intersection)

Need Type(s) Addressed: Congestion, Safety (auto)

Need ID(s) Addressed: N_207_T, N_207_MV_S

Anticipated Transportation Benefits Motorists will be safer traveling through this area as the left turns from International Parkway and Ashley Way will be removed requiring motorists to turn right and make a U-turn. Pedestrians walking across 220 from Ashley Plantation to the trails or businesses along International Parkway will have a sidewalk and crosswalks making it safer for them to cross Route 220.

Anticipated Objectives Met: 1A, 2A, 6B, 6C

Funding Allocations

Total Allocations	\$4,551,000
Total Cost Estimate	\$4,551,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Route 419/Route 220 Diverging Diamond Interchange
RVTPO ID: 2040.0717.060
State Project Title: #SMART20 - ROUTE 419 & ROUTE 220 DIVERGING DIAMOND INTERCHANGE
State ID: 115460
Locality: Roanoke County
Project Administrator: VDOT

Location

Facility Name: N/A
Route Number: Route 419
Functional Classification: Other Principal Arterial
Limits From: 0.5 Mi. W. Rte. 220
Limits To: 0.23 Mi. E.. Rte. 220
Project Length (mi.): 0.31

Project Detail

Project Description: Route 419 and Route 220: Construct Diverging Diamond Interchange (DDI) and modify signals along the Route 419 corridor to improve operations by eliminating movements/phases, per the corridor operations analysis.

Transportation Solutions Utilized: Interchange Reconfiguration

Need Type(s) Addressed: Congestion, Safety (auto)

Need ID(s) Addressed: N_59_2_MV_S,N_1740_MV_S,N_1726_2_MV_S,N_75_2_T,N_1715_T,N_1740_T

Anticipated Transportation Benefits Motorists will be able to drive through the Route 419 and Route 220 interchange with greater ease and more safely when this operational improvement is complete. Pedestrians and bicyclists will be safer walking or biking to Tanglewood Mall or the many other destinations on both sides of the interchange with the new sidewalks, crosswalks, and bike lanes.

Anticipated Objectives Met: 1A, 2A, 3A, 3C, 6B, 6C

Funding Allocations

Total Allocations	\$17,417,775
Total Cost Estimate	\$17,505,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Route 813 Bridge over Roanoke River
RVTPO ID: 2040.0717.103
State Project Title: #SGR17VB - RT 813 OVER ROANOKE RIVER (STR12363) SUB REPAIRS
State ID: 115473
Locality: Roanoke County
Project Administrator: VDOT

Location

Facility Name: N/A
Route Number: N/A
Functional Classification: Minor Arterial
Limits From: 0.10 Mile from Int. Rte. 11/460
Limits To: 0.18 Mile from Int. Rte. 11/460
Project Length (mi.): 0.73

Project Detail

Project Description: Bridge rehab with out added capacity.

Transportation Solutions Utilized: Bridge Rehabilitation/Replacement

Need Type(s) Addressed: System Management (operations, assets)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People will benefit by being able to cross the Roanoke River and reach their desired location.

Anticipated Objectives Met: 5A, 7D

Funding Allocations

Total Allocations	\$2,408,770
Total Cost Estimate	\$2,411,233

Planned Obligations

Groupings: Construction : Bridge Rehabilitation/Replacement/Reconstruction



Project Details

Basic Information

RVTPO Project Title: Safety Prescoping Salem
RVTPO ID: 2040.0717.030
State Project Title: SAFETY PRESCOPING - SALEM
State ID: 116077
Locality: Salem District-wide
Project Administrator:

Location

Facility Name: N/A
Route Number: N/A
Functional Classification: Interstate
Limits From: N/A
Limits To: N/A
Project Length (mi.): 1.22

Project Detail

Project Description: N/A

Transportation Solutions Utilized: N/A - Study

Need Type(s) Addressed: Safety (auto)
Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People will benefit from various safety efforts. Specifics to be determined.

Anticipated Objectives Met: 1A, 7C

Funding Allocations

Total Allocations	\$1,327,495
Total Cost Estimate	\$1,560,914

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: I-81 NB Widening - Exit 128 to Exit 137
 RVTPO ID: 2040.0717.021
 State Project Title: #181CIP ADD NB LANE BETWEEN EXIT 128 AND EXIT 137 (ID #32)
 State ID: 116197
 Locality: Roanoke County
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Interstate
 Limits From: Exit 128
 Limits To: Exit 137
 Project Length (mi.): 11.21

Project Detail

Project Description: Add one lane northbound on I-81.

Transportation Solutions Utilized: New Through Travel Lane

Need Type(s) Addressed: Congestion, Safety (auto)

Need ID(s) Addressed: N_1626_T,N_1626_N_SM,N_1626_N_A,N_1625_MV_S

Anticipated Transportation Benefits: People will experience more consistent travel times and fewer congestion-related delays because of these additional travel lanes.

Anticipated Objectives Met: 1A, 2A, 3C, 5A, 6B, 6C

Funding Allocations

Total Allocations	\$256,550,828
Total Cost Estimate	\$265,372,320

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	I-81 Widening - MM 144 to Exit 150
RVTPO ID:	2040.0717.022
State Project Title:	#181CIP MM 144 TO EXIT 150 ADDING NB AND SB LANES (ID #40)
State ID:	116201
Locality:	Roanoke County
Project Administrator:	VDOT

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Interstate
Limits From:	MM 144
Limits To:	Exit 150
Project Length (mi.):	8.31

Project Detail

Project Description: Add NB/SB lanes.

Transportation Solutions Utilized: New Through Travel Lane

Need Type(s) Addressed: Congestion, Safety (auto)

Need ID(s) Addressed: N_1626_T,N_1626_N_SM,N_1626_N_A,N_1625_MV_S

Anticipated Transportation Benefits: People will experience more consistent travel times and fewer congestion-related delays because of these additional travel lanes.

Anticipated Objectives Met: 1A, 2A, 3C, 5A, 6B, 6C

Funding Allocations

Total Allocations	\$308,633,837
Total Cost Estimate	\$322,157,080

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: I-81 Widening - MM136 to MM141
 RVTPO ID: 2040.0717.023
 State Project Title: #I81CIP MM136 TO MM142 ADD LANE IN EACH DIRECTION (ID #39)
 State ID: 116203
 Locality: Roanoke County
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Interstate
 Limits From: MM 136
 Limits To: MM 141
 Project Length (mi.): 6.08

Project Detail

Project Description: Add lane in each direction.

Transportation Solutions Utilized: New Through Travel Lane

Need Type(s) Addressed: Congestion, Safety (auto)

Need ID(s) Addressed: N_1626_T,N_1626_N_SM,N_1626_N_A,N_1625_MV_S,N_868_MV_S

Anticipated Transportation Benefits: People will experience more consistent travel times and fewer congestion-related delays because of these additional travel lanes.

Anticipated Objectives Met: 1A, 2A, 3C, 5A, 6B, 6C

Funding Allocations

Total Allocations	\$232,716,987
Total Cost Estimate	\$292,480,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	Maintenance of Cameras, Congestion Monitoring System
RVTPO ID:	2040.0717.024
State Project Title:	#181CIP SWRO MAINTENANCE FOR NEW CMS & CAMERAS O&M FY20-27
State ID:	116326
Locality:	Roanoke County
Project Administrator:	VDOT

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Other
Limits From:	Various
Limits To:	Various
Project Length (mi.):	1.22

Project Detail

Project Description: N/A

Transportation Solutions Utilized: ITS for Roadways (cameras, variable message signs/speed limits, signal preemption, road weather management, other sensors, etc...)

Need Type(s) Addressed: System Management (operations, assets), Congestion

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People will benefit from the installation of cameras and other congestion monitoring systems to address issues of congestion and safety.

Anticipated Objectives Met: 1A, 2A, 3C, 5A, 6B, 6C

Funding Allocations

Total Allocations	\$1,370,836
Total Cost Estimate	\$1,598,224

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	Management Fee for Cameras, Congestion Monitoring System
RVTPO ID:	2040.0717.025
State Project Title:	#181CIP SWRO MGMT FEE FOR NEW CMS & CAMERAS O&M FY20-27
State ID:	116328
Locality:	Roanoke County
Project Administrator:	VDOT

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Other
Limits From:	Various
Limits To:	Various
Project Length (mi.):	1.22

Project Detail

Project Description: N/A

Transportation Solutions Utilized: ITS for Roadways (cameras, variable message signs/speed limits, signal preemption, road weather management, other sensors, etc...)

Need Type(s) Addressed: System Management (operations, assets), Congestion

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People will benefit from the installation of cameras and other congestion monitoring systems to address issues of congestion and safety.

Anticipated Objectives Met: 1A, 2A, 5A, 6B, 6C

Funding Allocations

Total Allocations	\$161,674
Total Cost Estimate	\$188,492

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Curve Delineation
RVTPO ID: 2040.0717.084
State Project Title: FY 21 CURVE DELINEATION
State ID: 117211
Locality: Salem District-wide
Project Administrator: VDOT

Location

Facility Name: N/A
Route Number: N/A
Functional Classification: Other
Limits From: Various
Limits To: Various
Project Length (mi.): 0.16

Project Detail

Project Description: N/A

Transportation Solutions Utilized: Safety Improvements for Motorists - Pavement Markings

Need Type(s) Addressed: Safety (auto)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People will benefit from roadway improvements in various locations.

Anticipated Objectives Met: 1A, 5A

Funding Allocations

Total Allocations	\$839,920
Total Cost Estimate	\$839,921

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	Pedestrian Crossing Improvements on 419 and at Plantation/Hershberger Intersections
RVTPO ID:	2040.0717.085
State Project Title:	FY 21 PEDESTRIAN CROSSING IMPROVEMENTS
State ID:	117212
Locality:	Salem District-wide
Project Administrator:	VDOT

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Other
Limits From:	Multiple-see description.
Limits To:	Multiple-see description.
Project Length (mi.):	2.84

Project Detail

Project Description:	Install pedestrian signals and crosswalks at the traffic signals at multiple locations: Route 419 between Keagy Road (at City limit) and Brambleton Avenue; Plantation Road at Hershberger Road
Transportation Solutions Utilized:	Pedestrian Crossing Improvement
Need Type(s) Addressed:	Safety (ped)
Need ID(s) Addressed:	N_59_1_P_S,N_422_P_S
Anticipated Transportation Benefits	People will benefit from pedestrian crosswalks and other improvements that would aid in ones ability to reach a destination by foot.
Anticipated Objectives Met:	1A, 3D, 4A, 4B, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$448,894
Total Cost Estimate	\$615,000

Planned Obligations

Groupings:	Construction : Safety/ITS/Operational Improvements
------------	--



Project Details

Basic Information

RVTPO Project Title: FY21 Unsignalized Intersections
 RVTPO ID: 2040.0717.086
 State Project Title: FY 21 UNSIGNALIZED INTERSECTIONS
 State ID: 117213
 Locality: Salem District-wide
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Other
 Limits From: Various
 Limits To: Various
 Project Length (mi.): 0.16

Project Detail

Project Description: N/A

Transportation Solutions Utilized: Intersection Reconfiguration (install new signal or innovative intersection)

Need Type(s) Addressed: System Management (operations, assets), Safety (auto)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People will benefit from upgrades to unsignalized intersections at various locations to enhance safety.

Anticipated Objectives Met: 1A

Funding Allocations

Total Allocations	\$62,606
Total Cost Estimate	\$62,574

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Edgeline Rumble Strips Installation
RVTPO ID: 2040.0717.088
State Project Title: FY 21 EDGELINE RUMBLESTRIPS
State ID: 117215
Locality: Salem District-wide
Project Administrator: VDOT

Location

Facility Name: N/A
Route Number: N/A
Functional Classification: Other
Limits From: Various
Limits To: Various
Project Length (mi.): 0.16

Project Detail

Project Description: Edgeline Rumblestrips

Transportation Solutions Utilized: Shoulder Improvement (rumble strips, other shoulder treatments)

Need Type(s) Addressed: Safety (auto)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People will benefit from surface and shoulder improvements which will prevent them from veering off roadways.

Anticipated Objectives Met: 1A, 5A

Funding Allocations

Total Allocations	\$791,322
Total Cost Estimate	\$791,322

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	Franklin Road Sidewalk Improvements Phase 2
RVTPO ID:	2040.0717.151
State Project Title:	FRANKLIN ROAD SIDEWALK IMPROVEMENTS - RT. 220 B- PHASE 2
State ID:	117221
Locality:	City of Roanoke
Project Administrator:	City of Roanoke

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Minor Arterial
Limits From:	Hounds Chase Ln. (0.5 mi.)
Limits To:	220N Ramp
Project Length (mi.):	0.54

Project Detail

Project Description: New Sidewalk - phase 2 of UPC 111360.

Transportation Solutions Utilized: New Sidewalk

Need Type(s) Addressed: Safety (ped)

Need ID(s) Addressed: N_75_P_S

Anticipated Transportation Benefits: People will benefit from the continuation of the sidewalk and pedestrians will be able to walk safely along this section of Franklin Road.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 7A, 7B, 7C

Funding Allocations

Total Allocations	\$1,547,097
Total Cost Estimate	\$2,241,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: I-81 Detour Improvements
 RVTPO ID: 2040.0717.037
 State Project Title: #I81CIP DETOUR IMPROVEMENTS - CITY OF SALEM & CITY OF RNKE
 State ID: 117972
 Locality: City of Salem
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Other
 Limits From: Various
 Limits To: Various
 Project Length (mi.): 1.22

Project Detail

Project Description: Traffic Management/Engineering

Transportation Solutions Utilized: Safety Improvements for Motorists - Signage

Need Type(s) Addressed: Safety (auto), System Management (operations, assets)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People will benefit from the efforts to aid in the detour on I-81 during the time of construction and expansion.

Anticipated Objectives Met: 1A, 2A, 5A, 6B, 6C

Funding Allocations

Total Allocations	\$1,988,408
Total Cost Estimate	\$2,800,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	9th Street Pedestrian and Transit Improvements
RVTPO ID:	2040.0717.012
State Project Title:	9TH STREET MULTIMODAL IMPROVEMENTS
State ID:	117994
Locality:	City of Roanoke
Project Administrator:	Town of Vinton

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Major Collector
Limits From:	Jamison Avenue
Limits To:	Highland Avenue
Project Length (mi.):	0.21

Project Detail

Project Description: Add bus shelters, pedestrian signals, upgraded ADA curb ramps.

Transportation Solutions Utilized: Streetscape Improvements (lights, benches, landscaping, bike parking, etc...), Bicycle/Pedestrian Crossing Improvement, Bicycle/Pedestrian Crossing Improvement

Need Type(s) Addressed: Safety (ped)

Need ID(s) Addressed: N/A

Anticipated Transportation Benefits: Pedestrians will have a safer and more comfortable experience traveling on new sidewalks/ramps; transit riders will have a nicer place to wait for the bus protected from weather.

Anticipated Objectives Met: 1A, 3B, 3D, 4A, 4B, 5A, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$888,949
Total Cost Estimate	\$889,000

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title: Glade Creek Greenway, Phase 2B
 RVTPO ID: 2040.0717.013
 State Project Title: GLADE CREEK GREENWAY PHASE 2B
 State ID: 117995
 Locality: Town of Vinton
 Project Administrator: Town of Vinton

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Major Collector
 Limits From: Gearhart Park
 Limits To: Walnut Avenue
 Project Length (mi.): 0.21

Project Detail

Project Description: Paved 10' wide greenway from Gearhart Park to Walnut Avenue.

Transportation Solutions Utilized: New Shared-Use Path/ADA Accessible Greenway Trail, New Sidewalk, New Sidewalk

Need Type(s) Addressed: Safety (bike), Safety (ped)

Need ID(s) Addressed: N/A

Anticipated Transportation Benefits: People can walk from Gearhart Park and connect to the Glade Creek Greenway at Walnut Ave.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 5A, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$784,659
Total Cost Estimate	\$784,659

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title: I-81 Detour Improvements - Signal Communications
RVTPO ID: 2040.0717.089
State Project Title: #181CIP DETOUR IMPROVEMENTS - SIGNAL COMMS SALEM DIST.
State ID: 118034
Locality: Roanoke County
Project Administrator: VDOT

Location

Facility Name: N/A
Route Number: N/A
Functional Classification: Other
Limits From: TBD
Limits To: TBD
Project Length (mi.): 1.22

Project Detail

Project Description: Traffic Management/Engineering

Transportation Solutions Utilized: Signal Coordination/Re-timing

Need Type(s) Addressed: Congestion

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People will benefit from the efforts to aid in the detour on I-81 during the time of construction and expansion.

Anticipated Objectives Met: 1A, 2A, 6B, 6C

Funding Allocations

Total Allocations	\$450,000
Total Cost Estimate	\$450,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	Route 460 at Laymantown Road Intersection Improvement
RVTPO ID:	2040.0717.067
State Project Title:	#SMART22 - US460/LAYMANTOWN ROAD INTERSECTION IMPROVEMENT
State ID:	119452
Locality:	Botetourt County
Project Administrator:	VDOT

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Major Collector
Limits From:	Route 460
Limits To:	Laymantown
Project Length (mi.):	0.14

Project Detail

Project Description: Reconstruction with added capacity.

Transportation Solutions Utilized: Intersection Reconfiguration (install new signal or innovative intersection), New Bridge (grade-separated railroad crossing, etc...)

Need Type(s) Addressed: Congestion, Safety (auto)

Need ID(s) Addressed: N_1771_MV_S, N_1659_N_SM

Anticipated Transportation Benefits: People will benefit from the intersection enhancements on Route 460 at Laymantown which will address congestion and automobile safety.

Anticipated Objectives Met: 1A, 2A, 6B, 6C, 7A, 7C

Funding Allocations

Total Allocations	\$7,623,347
Total Cost Estimate	\$7,623,347

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	Route 419 Streetscape Improvements Phase 2, Ogden Road to Starkey Road
RVTPO ID:	2040.0717.061
State Project Title:	#SMART22 - ROUTE 419 STREETScape IMPROVEMENTS, PHASE 2
State ID:	119462
Locality:	Roanoke County
Project Administrator:	Roanoke County

Location

Facility Name:	N/A
Route Number:	Route 419
Functional Classification:	Other Principal Arterial
Limits From:	Ogden Road
Limits To:	Starkey Road
Project Length (mi.):	0.44

Project Detail

Project Description: Continue Pedestrian accommodations, bicycle facilities and streetscape improvements from Phase 1.

Transportation Solutions Utilized: Streetscape Improvements (lights, benches, landscaping, bike parking, etc...)

Need Type(s) Addressed: Safety (ped), Safety (bike)

Need ID(s) Addressed: N_59_2_P_S

Anticipated Transportation Benefits: People will benefit from the streetscape improvements including sidewalks and bike lanes and other amenities such as lights, benches, etc.

Anticipated Objectives Met: 1A, 3D, 4A, 5A, 7A, 7B, 7C

Funding Allocations

Total Allocations	\$17,333,222
Total Cost Estimate	\$18,469,482

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Valleypointe Parkway Realignment
 RVTPO ID: 2040.0717.107
 State Project Title: #SMART22 - VALLEYPOINTE PARKWAY REALIGNMENT
 State ID: 119468
 Locality: Roanoke County
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Minor Collector
 Limits From: Concourse Drive
 Limits To: Wood Haven Road
 Project Length (mi.): 0.21

Project Detail

Project Description: Widen Valleypointe Parkway from two to four lanes from North Concourse Drive to Wood Haven Road; realign to intersect with the Green Ridge Recreation Center entrance road.

Transportation Solutions Utilized: New Through Travel Lane

Need Type(s) Addressed: System Management (operations, assets)

Need ID(s) Addressed: N/A

Anticipated Transportation Benefits: People will benefit from a new travel lane which will aid in accessing businesses and services and congestion.

Anticipated Objectives Met: 1A, 2A, 3A, 5A, 6B, 6C

Funding Allocations

Total Allocations	\$9,788,361
Total Cost Estimate	\$9,837,072

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	Walnut Avenue Corridor Improvements - 1st to 4th St.
RVTPO ID:	2040.0717.048
State Project Title:	#SMART22 - WALNUT AVENUE CORRIDOR IMPROVEMENTS PHASE 3
State ID:	119472
Locality:	Town of Vinton
Project Administrator:	Town of Vinton

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Major Collector
Limits From:	1st Street
Limits To:	4th Street
Project Length (mi.):	0.32

Project Detail

Project Description: New Sidewalk, Bike land and Pedestrian crossing improvments between 1st Street and 4th in Vinton

Transportation Solutions Utilized: New Sidewalk, New Bike Lane, Pedestrian Crossing Improvement, Streetscape Improvements (lights, benches, landscaping, bike parking, etc...)

Need Type(s) Addressed: Safety (bike), Safety (ped)

Need ID(s) Addressed: N_84_P_S, N_214_N_A, N_14_B_S

Anticipated Transportation Benefits: People will be able to connect with other greenways, sidewalks or other on-road bike accomodations. More origin/destinations may become available to people who choose to travel by foot or bike in this area.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 5A, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$7,399,781
Total Cost Estimate	\$7,399,781

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title:	Main Street / Market Street Intersection Improvements
RVTPO ID:	2040.0717.145
State Project Title:	#SMART22 - MAIN ST / MARKET ST INTERSECTION IPROVEMENTS
State ID:	119473
Locality:	City of Salem
Project Administrator:	City of Salem

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Other Principal Arterial
Limits From:	White Oak Alley
Limits To:	Market Street
Project Length (mi.):	0.07

Project Detail

Project Description:	Shorten pedestrian crossings, provide bike/pedestrian amenities, add bump-outs, landscaping and improved lighting.
Transportation Solutions Utilized:	Streetscape Improvements (lights, benches, landscaping, bike parking, etc...), Pedestrian Crossing Improvement
Need Type(s) Addressed:	System Management (operations, assets), Safety (ped)
Need ID(s) Addressed:	N_440_P_S, N_440_B_S
Anticipated Transportation Benefits	People will benefit from the streetscape improvements including sidewalks, bike lanes, pedestrian crossings, and other amenities such as lights, benches, etc.
Anticipated Objectives Met:	1A, 3D, 4A, 7A, 7B, 7C

Funding Allocations

Total Allocations	\$1,911,825
Total Cost Estimate	\$2,312,000

Planned Obligations

Groupings:	Construction : Transportation Enhancement/Byway/Non-Traditional
------------	---



Project Details

Basic Information

RVTPO Project Title:	Apperson Drive / Orchard Drive Intersection Improvement
RVTPO ID:	2040.0717.043
State Project Title:	#SMART22 - APPERSON DR (RTE 11)/ORCHARD INTERSECTION IMPROV
State ID:	119474
Locality:	City of Salem
Project Administrator:	City of Salem

Location

Facility Name:	N/A
Route Number:	Route 11
Functional Classification:	Other Principal Arterial
Limits From:	West of Orchard Drive
Limits To:	Brookland Drive
Project Length (mi.):	0.13

Project Detail

Project Description: Intersectino reconstruction with added capacity.

Transportation Solutions Utilized: Intersection Reconfiguration (install new signal or innovative intersection)

Need Type(s) Addressed: Congestion, Safety (auto)

Need ID(s) Addressed: N/A

Anticipated Transportation Benefits: People will benefit from the insection enhancements on Apperson Drive at Orchard Drive to Brookland Drive which will address issues of congestion and automobile safety.

Anticipated Objectives Met: 3A, 5A, 6A, 6A, 6B, 6C

Funding Allocations

Total Allocations	\$2,387,558
Total Cost Estimate	\$2,388,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	College Avenue Streetscape
RVTPO ID:	2040.0717.044
State Project Title:	#SMART22 - DOWNTOWN SALEM - COLLEGE AVENUE IMPROVEMENTS
State ID:	119475
Locality:	City of Salem
Project Administrator:	City of Salem

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Other Principal Arterial
Limits From:	Calhoun Street
Limits To:	2nd Street
Project Length (mi.):	0.27

Project Detail

Project Description: Streetscape Improvements downtown Salem

Transportation Solutions Utilized: Lane Reconfiguration - Road Diet, New Turn Lane, Streetscape Improvements (lights, benches, landscaping, bike parking, etc...)

Need Type(s) Addressed: System Management (operations, assets)

Need ID(s) Addressed: N_627_N_SM

Anticipated Transportation Benefits: People will benefit from lane reconfiguration on College Avenue that will include a new turn lane and other streetscape improvements such as lights, benches, etc.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 5A, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$2,469,332
Total Cost Estimate	\$3,017,132

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title: Aviation Drive / Valley View Boulevard Pedestrian Improvements
 RVTPO ID: 2040.0717.031
 State Project Title: #SMART22 - AVIATION DR / VALLEY VIEW BLVD PED IMPROVEMENTS
 State ID: 119555
 Locality: City of Roanoke
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Major Collector
 Limits From: Roanoke-Blacksburg Regional Airport
 Limits To: Ring Rd./Valley View Boulevard intersection
 Project Length (mi.): 1.37

Project Detail

Project Description: Construct a sidewalk from existing sidewalk end at Chick-fil-A on Valley View Boulevard to the Roanoke-Blacksburg Regional Airport

Transportation Solutions Utilized: New Sidewalk

Need Type(s) Addressed: Safety (ped)

Need ID(s) Addressed: N_173_P_S

Anticipated Transportation Benefits: People will benefit from a new sidewalk to safely walk along Aviation Drive and have connectivity to Valley View Boulevard.

Anticipated Objectives Met: 1A, 3C, 3D, 4A, 5A, 6A, 6A, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$7,021,899
Total Cost Estimate	\$7,178,491

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title: Roanoke River Greenway - Rotary Park to Bridge St.
 RVTPO ID: 2040.0717.004
 State Project Title: #SMART22 - ROANOKE RIVER GREENWAY GOLDEN SPIKE
 State ID: 119562
 Locality: City of Salem
 Project Administrator: City of Salem

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Off-Rd
 Limits From: Rotary Park
 Limits To: Cook Drive
 Project Length (mi.): 0.90

Project Detail

Project Description: 10' wide paved greenway trail.

Transportation Solutions Utilized: New Shared-Use Path/ADA Accessible Greenway Trail

Need Type(s) Addressed: Safety (bike), Safety (ped)

Need ID(s) Addressed: N_525_N_A, N_525_B_S, N_524_B_S, N_524_N_A

Anticipated Transportation Benefits: People living at The Riverwalk at Salem will be able to more safely walk or bike to Rotary Park.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 5A, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$3,520,561
Total Cost Estimate	\$4,521,000

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title: Riverland Road Greenway
 RVTPO ID: 2040.0717.032
 State Project Title: GREENWAY CONNECTION - RIVERLAND ROAD
 State ID: 119586
 Locality: City of Roanoke
 Project Administrator: City of Roanoke

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Off-Rd
 Limits From: Garden City Boulevard
 Limits To: Mill Mountain Star Trail parking lot
 Project Length (mi.): 0.12

Project Detail

Project Description: Greenway to connect Garden City Greenway to Mill Mountain park and trails.

Transportation Solutions Utilized: New Shared-Use Path/ADA Accessible Greenway Trail

Need Type(s) Addressed: Safety (bike), Safety (ped)

Need ID(s) Addressed: N_110_P_S

Anticipated Transportation Benefits: People will benefit from a shared use path greenway trail connecting Riverland Road Greenway to the Mill Mountain Star Trail parking lot.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 5A, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$1,198,410
Total Cost Estimate	\$1,313,000

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title: Roanoke River Greenway - Bennington Street to Tinker Creek Greenway
 RVTPO ID: 2040.0717.033
 State Project Title: ROANOKE RIVER GREENWAY-EAST - ROANOKE CITY - PE STUDYONLY
 State ID: 119666
 Locality: City of Roanoke
 Project Administrator: City of Roanoke

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Other
 Limits From: Bennington Street
 Limits To: Tinker Creek Greenway
 Project Length (mi.): 1.59

Project Detail

Project Description: Study preferred route for 10' greenway trail for pedestrians and bicyclists traveling to/from the trailhead at the Water Treatment Sewage Plant to the Tinker Creek Greenway. Initiate preliminary engineering on the preferred route.

Transportation Solutions Utilized: Study

Need Type(s) Addressed: Safety (bike), Safety (ped)
 Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People will benefit from the information found during this study in how to address the needs and gaps found within this area of the Roanoke River Greenway.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 5A, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	\$835,000
Total Cost Estimate	\$6,400,000

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title: Edgeline Rumble Strips Installation
 RVTPO ID: 2040.0717.090
 State Project Title: FY 22 EDGELINE RUMBLESTRIPS
 State ID: 119668
 Locality: Salem District-wide
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Other
 Limits From: Various
 Limits To: Various
 Project Length (mi.): 1.22

Project Detail

Project Description: Edgeline Rumblestrips

Transportation Solutions Utilized: Shoulder Improvement (rumble strips, other shoulder treatments)

Need Type(s) Addressed: Safety (auto)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People will benefit from surface and shoulder improvements which will prevent them from veering off roadways.

Anticipated Objectives Met: 1A, 5A

Funding Allocations

Total Allocations	\$1,230,000
Total Cost Estimate	\$2,844,247

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Centerline Rumble Strips Installation
 RVTPO ID: 2040.0717.091
 State Project Title: FY 23 CENTERLINE RUMBLE STRIPS
 State ID: 119669
 Locality: Salem District-wide
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Other
 Limits From: Various
 Limits To: Various
 Project Length (mi.): 1.22

Project Detail

Project Description: Centerline rumble strips at various locations.

Transportation Solutions Utilized: Shoulder Improvement (rumble strips, other shoulder treatments)

Need Type(s) Addressed: Safety (auto)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People will benefit from the rumblestrip sound when their vehicle starts to cross into on-coming traffic alerting them to not veer into on-coming traffic.

Anticipated Objectives Met: 1A, 5A

Funding Allocations

Total Allocations	\$2,314
Total Cost Estimate	\$54,457

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Centerline Rumble Strips Installation
 RVTPO ID: 2040.0717.092
 State Project Title: FY 22 CENTERLINE RUMBLE STRIPS
 State ID: 119671
 Locality: Salem District-wide
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Other
 Limits From: Various
 Limits To: Various
 Project Length (mi.): 1.22

Project Detail

Project Description: Centerline rumble strips at various locations.

Transportation Solutions Utilized: Shoulder Improvement (rumble strips, other shoulder treatments)

Need Type(s) Addressed: Safety (auto)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People will benefit from surface and shoulder improvements which will prevent them from veering off roadways.

Anticipated Objectives Met: 1A, 5A

Funding Allocations

Total Allocations	\$208,671
Total Cost Estimate	\$208,671

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Gus Nicks Boulevard Pedestrian/Bicycle Crossing
 RVTPO ID: 2040.0717.146
 State Project Title: GUS NICKS BOULEVARD PEDESTRIAN/BICYCLE CROSSING
 State ID: 119911
 Locality: Town of Vinton
 Project Administrator: Town of Vinton

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Minor Arterial
 Limits From: Billy Byrd Apartments
 Limits To: Gish Mill Property
 Project Length (mi.): 0.07

Project Detail

Project Description: Bike/Pedestrian Crossing from Billy Byrd Apartments to the Gish Mill Property

Transportation Solutions Utilized: Pedestrian Crossing Improvement

Need Type(s) Addressed: Safety (ped), Safety (bike)

Need ID(s) Addressed: N_219_B_S

Anticipated Transportation Benefits: Pedestrian and bicyclists traveling between Billy Byrd Apartments and the Gish Mill Property and nearby destinations will have a safer way to cross the four-lane Gus Nicks Boulevard.

Anticipated Objectives Met: 1A, 3D, 4A, 7A, 7B, 7C

Funding Allocations

Total Allocations	\$403,912
Total Cost Estimate	\$404,000

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title:	Route 460 at Alternate Route 220 Intersection Improvements
RVTPO ID:	2040.0717.071
State Project Title:	ROUTE 460 & ALT ROUTE 220 INTERSECTION IMPROVEMENTS
State ID:	120611
Locality:	Roanoke County
Project Administrator:	Roanoke County

Location

Facility Name:	N/A
Route Number:	Route 460
Functional Classification:	Other Principal Arterial
Limits From:	Huntridge Road
Limits To:	Avery Row
Project Length (mi.):	0.99

Project Detail

Project Description: Route 460/US 220 intersection reconstruction with added capacity.

Transportation Solutions Utilized: Intersection Reconfiguration (install new signal or innovative intersection)

Need Type(s) Addressed: Congestion, Safety (auto)

Need ID(s) Addressed: N_1659_MV_S,N_1659_N_SM,N_558_N_A,

Anticipated Transportation Benefits: People will benefit from Route 460 intersection enhancements between Huntridge Road and Avery Row which will address congestion and automobile safety.

Anticipated Objectives Met: 1A, 2A, 6B, 6C, 7A, 7C

Funding Allocations

Total Allocations	\$21,310,392
Total Cost Estimate	\$21,796,984

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: FY23 Curve Delineation
 RVTPO ID: 2040.0717.093
 State Project Title: FY 23 CURVE DELINEATION
 State ID: 120899
 Locality: Salem District-wide
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Other
 Limits From: Various
 Limits To: Various
 Project Length (mi.): 1.22

Project Detail

Project Description: Safety

Transportation Solutions Utilized: Safety Improvements for Motorists - Signage

Need Type(s) Addressed: Safety (auto)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People will benefit from roadway improvements in various locations.

Anticipated Objectives Met: 1A, 5A

Funding Allocations

Total Allocations	\$5,468,736
Total Cost Estimate	\$6,616,897

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	FY23 Unsignalized Intersections
RVTPO ID:	2040.0717.094
State Project Title:	FY 23 UNSIGNALIZED INTERSECTIONS
State ID:	120900
Locality:	Salem District-wide
Project Administrator:	VDOT

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Other
Limits From:	Various
Limits To:	Various
Project Length (mi.):	1.22

Project Detail

Project Description:	Safety
----------------------	--------

Transportation Solutions Utilized: Intersection Reconfiguration (install new signal or innovative intersection)

Need Type(s) Addressed: System Management (operations, assets), Safety (auto)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People will benefit from upgrades to unsignalized intersections at various locations for enhanced safety and congestion.

Anticipated Objectives Met: 1A

Funding Allocations

Total Allocations	\$1,732,495
Total Cost Estimate	\$3,177,426

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Salem Bridge Rehabilitation Contract
RVTPO ID: 2040.0717.219
State Project Title: #BF - SALEM YEAR 3 - BRIDGE REHAB CONTRACT (B)
State ID: 120996
Locality: Botetourt County
Project Administrator: VDOT

Location

Facility Name: N/A
Route Number: Route 220
Functional Classification: Minor Collector
Limits From: 3.72 Mile Rte. 220
Limits To: 2.41 Mile. Rte. 640
Project Length (mi.): N/A

Project Detail

Project Description: Bridge Rehabilitation without added capacity.

Transportation Solutions Utilized: Bridge Rehabilitation/Replacement

Need Type(s) Addressed: Safety (auto)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: Bridge to be rehabilitated for longevity of usage.

Anticipated Objectives Met: 5A

Funding Allocations

Total Allocations	\$5,848,200
Total Cost Estimate	\$6,156,000

Planned Obligations

Groupings: Maintenance : Preventive Maintenance for Bridges



Project Details

Basic Information

RVTPO Project Title: Route 419/220 Diverging Diamond Interchange
RVTPO ID: 2040.0717.240
State Project Title: #SMART20 RTE 419&220 DIVERGING DIAMOND GARVEE DEBT SERVICE
State ID: 121433
Locality: Roanoke County
Project Administrator: VDOT

Location

Facility Name: N/A
Route Number: Route 220
Functional Classification: Other
Limits From: 0.5 Mi. W. Rte. 220
Limits To: 0.23 Mi. E.. Rte. 220
Project Length (mi.): 0.73

Project Detail

Project Description: Garvee Debt Service for DDI project.

Transportation Solutions Utilized: N/A - Financial Account

Need Type(s) Addressed: N/A

Need ID(s) Addressed: N/A

Anticipated Transportation Benefits: N/A - Financial Account. See UPC# 155460.

Anticipated Objectives Met: 1A, 2A, 5A, 6B, 6C, 7A, 7C

Funding Allocations

Total Allocations	\$1,213,841
Total Cost Estimate	\$4,043,556

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Resurfacing Roanoke & Craig Primaries
 RVTPO ID: 2040.0717.241
 State Project Title: #SGR23VP FY23 Plant Mix Roanoke & Craig Primaries
 State ID: 121708
 Locality: Systemwide
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Other
 Limits From: N/A
 Limits To: N/A
 Project Length (mi.): N/A

Project Detail

Project Description: Resurfacing

Transportation Solutions Utilized: Pavement Repair/Repaving

Need Type(s) Addressed: N/A

Need ID(s) Addressed: Citizen Need Not Identified

Anticipated Transportation Benefits: Roadway safety maintenance improvements are being implemented in various locations.

Anticipated Objectives Met: 5A, 7D

Funding Allocations

Total Allocations	\$1,595,016
Total Cost Estimate	\$1,595,016

Planned Obligations

Groupings: Maintenance : Preventive Maintenance and System Preservation



Project Details

Basic Information

RVTPO Project Title: 1556 Campbell Avenue SW Resurfacing
 RVTPO ID: 2040.0717.231
 State Project Title: #SGR23LP - ROANOKE FKEY 1556 CAMPBELL AVE SW
 State ID: 121971
 Locality: City of Roanoke
 Project Administrator: City of Roanoke

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Other Principal Arterial
 Limits From: Williamson Road SE
 Limits To: Mid 100 block SW
 Project Length (mi.): N/A

Project Detail

Project Description: Resurfacing

Transportation Solutions Utilized: Pavement Repair/Repaving

Need Type(s) Addressed: System Management (operations, assets)

Need ID(s) Addressed: N_1198_N_SM,Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: Motorists will experience a smoother ride from the repaving along Campbell Avenue SW.

Anticipated Objectives Met: 5A

Funding Allocations

Total Allocations	\$380,647
Total Cost Estimate	\$381,000

Planned Obligations

Groupings: Maintenance : Preventive Maintenance and System Preservation



Project Details

Basic Information

RVTPO Project Title: 1554 Campbell Avenue SW Resurfacing
 RVTPO ID: 2040.0717.232
 State Project Title: #SGR23LP - ROANOKE FKEY 1554 CCAMPBELL AVE SW
 State ID: 121977
 Locality: City of Roanoke
 Project Administrator: City of Roanoke

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Other
 Limits From: Various
 Limits To: Various
 Project Length (mi.): N/A

Project Detail

Project Description: Resurfacing

Transportation Solutions Utilized: Pavement Repair/Repaving

Need Type(s) Addressed: System Management (operations, assets)

Need ID(s) Addressed: N_1198_N_SM,Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: Motorists will experience a smoother ride from the repaving along Campbell Avenue SW.

Anticipated Objectives Met: 5A

Funding Allocations

Total Allocations	\$191,157
Total Cost Estimate	\$451,235

Planned Obligations

Groupings: Maintenance : Preventive Maintenance and System Preservation



Project Details

Basic Information

RVTPO Project Title: Glade Creek Greenway Vinyard Park West Roanoke County
 RVTPO ID: 2040.0717.236
 State Project Title: GLADE CREEK GREENWAY VINYARD PARK WEST - ROANOKE CO
 State ID: 122101
 Locality: Roanoke County
 Project Administrator: Roanoke County

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Off-Rd
 Limits From: 150 Vinyard Park Drive, Berkley Rd Lot
 Limits To: 150 Vinyard Park Drive, Western Edge
 Project Length (mi.): N/A

Project Detail

Project Description: Facilities for Pedestrians and Bicycles

Transportation Solutions Utilized: New Shared-Use Path/ADA Accessible Greenway Trail

Need Type(s) Addressed: Safety (ped), Safety (bike)

Need ID(s) Addressed: N_217_B_S

Anticipated Transportation Benefits: Pedestrians and bicyclists will be able to more safely travel within Vinyard Park.

Anticipated Objectives Met: 1A, 3D, 4A, 4B, 7A, 7B, 7C

Funding Allocations

Total Allocations	\$612,086
Total Cost Estimate	\$651,375

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title: Route 460 Intersections W. Ruritan Road to Huntridge Road
 RVTPO ID: 2040.0717.245
 State Project Title: #SMART22 RTE 460 INTERSECTIONS-W. RURITAN RD TO HUNTRIDGE RD
 State ID: 122110
 Locality: Roanoke County
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: Route 460
 Functional Classification: Other Principal Arterial
 Limits From: West Ruritan Road
 Limits To: Blue Hills Village Drive
 Project Length (mi.): N/A

Project Detail

Project Description: Carson Rd. to Huntridge Rd. - Improve traffic flow and safety by installing R-CUT intersections., West Ruritan Intersection - Improve traffic flow and safety by installing a through-cut intersection with pedestrian signals and crosswalks.

Transportation Solutions Utilized: Intersection Reconfiguration (install new signal or innovative intersection), Access Management, Pedestrian Crossing Improvement

Need Type(s) Addressed: Congestion, Safety (auto), Safety (ped)

Need ID(s) Addressed: N_1659_N_SM,N_778_T

Anticipated Transportation Benefits: People will benefit from the intersection enhancements on Route 460 at Carson Road and Huntridge Road and West Ruritan Road to Blue Hills Drive, which will address congestion and automobile safety.

Anticipated Objectives Met: 1A, 2A, 3C, 5A, 6B, 6C

Funding Allocations

Total Allocations	\$10,304,328
Total Cost Estimate	\$10,304,328

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: VM Fixed-Routes: 11, 12, 15, 16, 21, 22, 25, 26, 31, 32, 35, 36, 41, 42, 51, 52, 55, 56, 61, 62, 65, 66, 71, 72, 75, 76, 85, 86, 91, 92. SmartWay: Base, Express and Connector. Starline Trolley.

RVTPO ID: 2040.0717.163 - 2040.0717.196

State Project Title: Operating Assistance

State ID: GRT0001

Locality: City of Roanoke

Administrator: Valley Metro

Project Detail

Description: Valley Metro fixed-route buses, SmartWay Base, Express and Connector and Starline Trolley schedules and route maps are available here: <https://valleymetro.com/schedule.html>

Transportation Solutions Utilized: Transit Route/Service Continuation

Need Type(s) Addressed: Access (Transit)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People are able to utilize various fixed-route transit services to reach destinations (such as employment, medical, education, retail, etc.) in the City of Roanoke, City of Salem, Town of Vinton, and Roanoke County.

Anticipated Objectives Met: 2B, 3B, 3D, 4A, 6A, 6A, 7A, 7B

Funding Allocations

Total Allocations - FY 2023	\$12,006,807
-----------------------------	--------------

Planned Obligations

Funding Source	FFY2023	FFY2024	FFY2025	FFY2026	FFY2027	TOTAL
FTA 5307	See total funding allocations	\$5,742,398	\$2,696,481	\$2,696,481	\$2,696,481	\$13,831,841
FTA 5311		\$354,000	\$354,000	\$354,000	\$354,000	\$1,416,000
State		\$3,100,000	\$3,100,000	\$3,100,000	\$3,100,000	\$12,400,000
Local		\$1,700,000	\$1,700,000	\$1,700,000	\$1,700,000	\$6,800,000
Revenues		\$2,314,000	\$2,314,000	\$2,314,000	\$2,314,000	\$9,256,000
Totals		\$13,210,398	\$10,164,481	\$10,164,481	\$10,164,481	\$43,703,841



Project Details

Basic Information

RVTPO Project Title: Preventative Maintenance for Valley Metro Vehicles

RVTPO ID: 2040.0717.197

State Project Title: Preventative Maintenance

State ID: GRT0002

Locality: City of Roanoke

Administrator: Valley Metro

Project Detail

Description: Maintenance to keep vehicles/equipment running smoothly.

Transportation Solutions Utilized: Transit Route/Service Continuation

Need Type(s) Addressed: System Management (transit)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People will benefit from the maintenance of the Valley Metro facilities and amenities which will ensure smooth operations.

Anticipated Objectives Met: 2B, 3B, 4A, 5A, 7B, 7D

Funding Allocations

Total Allocations - FY 2023 \$0

Planned Obligations

Funding Source	FFY2023	FFY2024	FFY2025	FFY2026	FFY2027	TOTAL
FTA 5307	2023 allocation data not available	\$719,062	\$719,062	\$719,062	\$719,062	\$2,876,248
State		\$0	\$0	\$0	\$0	\$0
Local		\$179,765	\$179,765	\$179,765	\$179,765	\$719,060
Totals		\$898,827	\$898,827	\$898,827	\$898,827	\$3,595,308



Project Details

Basic Information

RVTPO Project Title: Replace Valley Metro transit vehicles

RVTPO ID: 2040.0717.198

State Project Title: Replacement Bus

State ID: GRT0003

Locality: City of Roanoke

Administrator: Valley Metro

Project Detail

Description: Fixed-route buses and paratransit service vehicles utilized by RADAR under contract to Valley Metro.

Transportation Solutions Utilized: Transit Equipment (Vehicles, Hardware, Maintenance Items, etc.)

Need Type(s) Addressed: System Management (transit)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People who use the Valley Metro fixed-route and paratransit services will benefit from efficient and reliable operations that replacement vehicles provide.

Anticipated Objectives Met: 2B, 3B, 4A, 5A, 7B, 7D

Funding Allocations

Total Allocations - FY 2023 \$2,049,274

Planned Obligations

Funding Source	FFY2023	FFY2024	FFY2025	FFY2026	FFY2027	TOTAL
FTA 5339		\$0	\$97,200	\$0	\$0	\$97,200
FTA 5307	See total funding allocations	\$0	\$0	\$1,036,000	\$1,036,000	\$2,072,000
STBG		\$4,768,121	\$0	\$0	\$0	\$4,768,121
State		\$1,192,031	\$248,400	\$2,516,000	\$2,516,000	\$6,472,431
Local		\$0	\$14,400	\$148,000	\$148,000	\$310,400
Totals		\$5,960,152	\$360,000	\$3,700,000	\$3,700,000	\$13,720,152



Project Details

Basic Information

RVTPO Project Title: Valley Metro Support Vehicles

RVTPO ID: 2040.0717.201

State Project Title: Support Vehicles

State ID: GRT0004

Locality: City of Roanoke

Administrator: Valley Metro

Project Detail

Description: These are vehicles used by supervisors, dispatch, maintenance, admin, etc. that support the service but don't carry passengers.

Transportation Solutions Utilized: Transit Equipment (Vehicles, Hardware, Maintenance Items, etc.)

Need Type(s) Addressed: System Management (transit)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: Valley Metro Staff will utilize these resources to ensure the best quality of service to Valley Metro patrons.

Anticipated Objectives Met: 2B, 3B, 4A, 5A, 7B, 7D

Funding Allocations

Total Allocations - FY 2023 \$0

Planned Obligations

Funding Source	FFY2023	FFY2024	FFY2025	FFY2026	FFY2027	TOTAL
FTA 5339	2023 allocation data not available	\$48,000	\$48,000	\$48,000	\$48,000	\$192,000
Flexible STP		\$0	\$0	\$0	\$0	\$0
State		\$6,000	\$6,000	\$6,000	\$6,000	\$24,000
Local		\$6,000	\$6,000	\$6,000	\$6,000	\$24,000
Totals		\$60,000	\$60,000	\$60,000	\$60,000	\$240,000



Project Details

Basic Information

RVTPO Project Title: Bus Stop Enhancements

RVTPO ID: 2040.0717.202

State Project Title: Bus Stop Enhancements

State ID: GRT0005

Locality: City of Roanoke

Administrator: Valley Metro

Project Detail

Description: Bus stop amenities may include trashcans, lights, benches, or shelters. The specific stops have not been identified.

Transportation Solutions Utilized: Transit Stop/Rail Station Amenities

Need Type(s) Addressed: System Management (transit)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People who utilize the Valley Metro bus services will benefit from amenities along bus routes that make it more comfortable or feel safer to use transit.

Anticipated Objectives Met: 1A, 2B, 3B, 4A, 5A, 7B, 7D

Funding Allocations

Total Allocations - FY 2023 \$0

Planned Obligations

Funding Source	FFY2023	FFY2024	FFY2025	FFY2026	FFY2027	TOTAL
FTA 5339	2023 allocation data not available	\$40,500	\$40,500	\$40,500	\$40,500	\$162,000
State		\$103,500	\$103,500	\$103,500	\$103,500	\$414,000
Local		\$6,000	\$6,000	\$6,000	\$6,000	\$24,000
Totals		\$150,000	\$150,000	\$150,000	\$150,000	\$600,000



Project Details

Basic Information

RVTPO Project Title: Renovation of Administration and Maintenance Building

RVTPO ID: 2040.0717.203

State Project Title: Rehab/ Renovations of Admin/ Maint Bldg

State ID: GRT0006

Locality: City of Roanoke

Administrator: Valley Metro

Project Detail

Description: Upgrades to the maintenance space and a break area in the maintenance shop.

Transportation Solutions Utilized: Transit Facility Renovation/ Rehabilitation

Need Type(s) Addressed: System Management (transit)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: Valley Metro staff benefit from these resources to ensure the best quality of service to Valley Metro patrons.

Anticipated Objectives Met: 2B, 3B, 4A, 5A, 7B, 7D

Funding Allocations

Total Allocations - FY 2023 \$0

Planned Obligations

Funding Source	FFY2023	FFY2024	FFY2025	FFY2026	FFY2027	TOTAL
FTA 5307	No 2023 allocations		\$270,000			\$270,000
State			\$690,000			\$690,000
Local			\$40,000			\$40,000
Totals		\$0	\$1,000,000	\$0	\$0	\$1,000,000



Project Details

Basic Information

RVTPO Project Title: Shop Equipment

RVTPO ID: 2040.0717.204

State Project Title: Shop Equipment

State ID: GRT0007

Locality: Systemwide

Administrator: Valley Metro

Project Detail

Description: Equipment used to maintain buses and non-bus support vehicles.

Transportation Solutions Utilized: Transit Equipment (Vehicles, Hardware, Maintenance Items, etc.)

Need Type(s) Addressed: System Management (transit)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: Valley Metro staff will be able to maintain buses and other facilities so people can have reliable transit service.

Anticipated Objectives Met: 2B, 3B, 4A, 5A, 7B, 7D

Funding Allocations

Total Allocations - FY 2023 \$0

Planned Obligations

Funding Source	FFY2023	FFY2024	FFY2025	FFY2026	FFY2027	TOTAL
FTA 5339	2023 allocation data not available	\$5,400	\$5,400	\$5,400	\$5,400	\$21,600
State		\$13,800	\$13,800	\$13,800	\$13,800	\$55,200
Local		\$800	\$800	\$800	\$800	\$3,200
Totals		\$20,000	\$20,000	\$20,000	\$20,000	\$80,000



Project Details

Basic Information

RVTPO Project Title: Purchase of RADAR paratransit vehicles

RVTPO ID: 2040.0717.216

State Project Title: Paratransit Vehicles

State ID: RAD0001

Locality: Roanoke County

Administrator: RADAR

Project Detail

Description: Capital assistance to support transportation for people with disabilities in the City of Roanoke, City of Salem, and the Town of Vinton beyond the 3/4-mile area around fixed routes to destinations within those localities.

Transportation Solutions Utilized: Transit Equipment (Vehicles, Hardware, Maintenance Items, etc.)

Need Type(s) Addressed: System Management (transit)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: Elderly and disabled City of Roanoke, City of Salem, and Town of Vinton citizens who live beyond the 3/4 mile area around fixed routes are able to reach desired destinations in those localities.

Anticipated Objectives Met: 1A, 2B, 3B, 4A, 5A, 7B, 7D

Funding Allocations

Total Allocations - FY 2023	\$140,000
-----------------------------	-----------

Planned Obligations

Funding Source	FFY2023	FFY2024	FFY2025	FFY2026	FFY2027	TOTAL
FTA 5310	See total funding allocation	\$128,000	\$128,000	\$128,000	\$128,000	\$512,000
State		\$0	\$0	\$0	\$0	\$0
Local		\$32,000	\$32,000	\$32,000	\$32,000	\$128,000
Totals		\$160,000	\$160,000	\$160,000	\$160,000	\$640,000



Project Details

Basic Information

RVTPO Project Title: CORTRAN turnkey third-party provided operating assistance

RVTPO ID: 2040.0717.218

State Project Title: Capital Assistance

State ID: ROA0001

Locality: Roanoke County

Administrator: Roanoke County

Project Detail

Description: Operating assistance for Via Transportation, Inc. under contract with Roanoke County to provide on-demand transit services for Roanoke County residents 70+ or of any age with a disability.

Transportation Solutions Utilized: Transit Route/Service Continuation

Need Type(s) Addressed: Access (Transit)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: Elderly and disabled Roanoke County citizens are able to use on-demand transit to reach desired destinations in the City of Roanoke, City of Salem, Town of Vinton, or Roanoke County.

Anticipated Objectives Met: 1A, 2B, 3B, 3D, 4A, 6A, 6A, 7A, 7B

Funding Allocations

Total Allocations - FY 2023 \$288,000

Planned Obligations

Funding Source	FFY2023	FFY2024	FFY2025	FFY2026	FFY2027	TOTAL
FTA 5310	See total funding allocation	\$240,000	\$240,000	\$240,000	\$240,000	\$960,000
State		\$48,000	\$48,000	\$48,000	\$48,000	\$192,000
Local		\$12,000	\$12,000	\$12,000	\$12,000	\$48,000
Totals		\$300,000	\$300,000	\$300,000	\$300,000	\$1,200,000



Project Details

Basic Information

RVTPO Project Title:	Wiley Drive Bridge Replacement over Roanoke River
RVTPO ID:	2040.0717.247
State Project Title:	TBD
State ID:	TBD-001
Locality:	City of Roanoke
Project Administrator:	City of Roanoke

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Local
Limits From:	N/A
Limits To:	N/A
Project Length (mi.):	N/A

Project Detail

Project Description: Replace Wiley Drive low-water bridge with higher bridge to avoid flood closures of road and greenway.

Transportation Solutions Utilized: Bridge Rehabilitation/Replacement

Need Type(s) Addressed: System Management (operations, assets)

Need ID(s) Addressed: N_546_N_SM

Anticipated Transportation Benefits: People will benefit from a new bridge structure that can mitigate the concerns of not accessing locations due to flooding.

Anticipated Objectives Met: 5A

Funding Allocations

Total Allocations	\$2,500,000
Total Cost Estimate	\$3,780,000

Planned Obligations

Groupings:



Project Details

Basic Information

RVTPO Project Title: Guardrail Installation
 RVTPO ID: 2040.0717.028
 State Project Title: INTERSTATE & PRIMARY CABLE GUARDRAIL INSTALL-DISTRICTWIDE
 State ID: T21476
 Locality: Salem District-wide
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Other
 Limits From: Various
 Limits To: Various
 Project Length (mi.): N/A

Project Detail

Project Description: N/A

Transportation Solutions Utilized: Shoulder Improvement (rumble strips, other shoulder treatments)

Need Type(s) Addressed: Safety (auto)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People will benefit from guardrail installation in various locations for safety and staying on the roadways.

Anticipated Objectives Met: 1A, 5A, 7C, 7D

Funding Allocations

Total Allocations	\$480,000
Total Cost Estimate	\$500,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Rumble Strip Installation
 RVTPO ID: 2040.0717.079
 State Project Title: DISTRICTWIDE RUMBLE STRIP INSTALLATION-PRIMARY ROUTES
 State ID: T21479
 Locality: Salem District-wide
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Other
 Limits From: Various
 Limits To: Various
 Project Length (mi.): 1.22

Project Detail

Project Description: N/A

Transportation Solutions Utilized: Shoulder Improvement (rumble strips, other shoulder treatments)

Need Type(s) Addressed: Safety (auto)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: People will benefit from not veering off the roadways by these surface and shoulder improvements.

Anticipated Objectives Met: 1A, 5A, 7C, 7D

Funding Allocations

Total Allocations	\$0
Total Cost Estimate	\$500,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Oak Grove Streetscape - Route 419/Carriage/Grandin Intersection
 RVTPO ID: 2040.0717.057
 State Project Title: OAK GROVE STREETScape IMPROVEMENTS
 State ID: 122050
 Locality: Roanoke County
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: Route 419
 Functional Classification: Major Collector
 Limits From: Carriage Lane
 Limits To: Grandin Road
 Project Length (mi.): 0.18

Project Detail

Project Description: Install pedestrian signals and crosswalks at the traffic signal

Transportation Solutions Utilized: Pedestrian Crossing Improvement

Need Type(s) Addressed: Safety (ped)
 Need ID(s) Addressed: N_59_1_P_S,N_119_P_S

Anticipated Transportation Benefits: People will be able to travel safely on foot and by bike throughout this corridor. There are many destinations such as stores, services and schools that people will be able to have greater access.

Anticipated Objectives Met: 1A, 3D, 5A, 7B, 7C

Funding Allocations

Total Allocations	\$218,748
Total Cost Estimate	\$218,748

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title:	Orange Market Park and Ride / Parking Lot Improvements
RVTPO ID:	2040.0717.055
State Project Title:	ORANGE MART PARK AND RIDE/PARKING LOT IMPROVEMENTS
State ID:	T24579
Locality:	Roanoke County
Project Administrator:	VDOT

Location

Facility Name:	N/A
Route Number:	Route 419
Functional Classification:	Minor Arterial
Limits From:	Route 311 Orange Market P&R
Limits To:	Kessler Mill Road
Project Length (mi.):	0.12

Project Detail

Project Description: Curb and pave Orange Market Park and Ride Lot, construct ADA ramps and crosswalks to cross Route 311 to the BP station, add landscaping, bike racks, and signage for Hanging Rock Battlefield Trail. Similar treatments for adjacent creekside parking lot. Repave the Hanging Roack Battlefield Trail, construct ADA ramps and crosswalks across Kessler Mill Road and the Orange Market entrance, relocate/add bollards and signage.

Transportation Solutions Utilized: Park and Ride Lot Improvement, Pedestrian Crossing Improvement, Streetscape Improvements (lights, benches, landscaping, bike parking, etc...)

Need Type(s) Addressed: System Management (operations, assets), Safety (ped)

Need ID(s) Addressed: N_310_N_SM

Anticipated Transportation Benefits The Orange Market Park and Ride will have more pedestrian accomodations such as crosswalks, bike racks, landscaping and more signage to the Hanging Rock Battlefield Trail. There will also be paving, ADA ramps and sidewalks constructed along Kessler Mill Road and the Orange Market P&R entrance.

Anticipated Objectives Met: 1A, 2B, 3B, 3D, 4A, 6A, 6A, 7A, 7B, 7C

Funding Allocations

Total Allocations	\$343,573
Total Cost Estimate	\$1,250,000

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title: Rte. 220 Superstreet Improvement
 RVTPO ID: 2040.0717.049
 State Project Title: ROUTE 220 SUPERSTREET IMPROVEMENT
 State ID: T24740
 Locality: Botetourt County
 Project Administrator: VDOT

Location

Facility Name: N/A
 Route Number: Route 220
 Functional Classification: Major Collector
 Limits From: Tinker Mountain Drive
 Limits To: Catawba Road
 Project Length (mi.): 1.09

Project Detail

Project Description: Safety

Transportation Solutions Utilized: Intersection Reconfiguration (install new signal or innovative intersection)

Need Type(s) Addressed: Congestion, Safety (auto)
 Need ID(s) Addressed: N_212_MV_S,N_207_T,N_207_MV_S

Anticipated Transportation Benefits: Intersection reconfiguration to better help with automobile safety and roadway congestion.

Anticipated Objectives Met: 1A, 2A, 3A, 3C, 6B, 6C

Funding Allocations

Total Allocations	\$924,000
Total Cost Estimate	\$15,461,000

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Glade Creek Greenway Phase 3 PE/Study
 RVTPO ID: 2040.0717.238
 State Project Title: GLADE CREEK GREENWAY PHASE 3 PE/STUDY
 State ID: T26750
 Locality: Town of Vinton
 Project Administrator: TBD

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Other
 Limits From: Gus Nicks Boulevard & Pollard Street
 Limits To: Vinyard Park
 Project Length (mi.): N/A

Project Detail

Project Description: Facilities for Pedestrians and Bicycles

Transportation Solutions Utilized: New Shared-Use Path/ADA Accessible Greenway Trail

Need Type(s) Addressed: Safety (ped), Safety (bike)

Need ID(s) Addressed: N/A

Anticipated Transportation Benefits: Pedestrians and bicyclists will be able to travel more safely between Downtown Vinton and Vinyard Park.

Anticipated Objectives Met: 1A, 3D, 4A, 7A, 7B, 7C

Funding Allocations

Total Allocations	\$275,000
Total Cost Estimate	\$275,000

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title:	I-581 Exit 2 (Peters Creek Road) Interchange Improvements Phase 1
RVTPO ID:	2040.0717.235
State Project Title:	I-581-EXIT 2 (PETERS CREEK RD) INTERCHANGE IMPROVEMENTS PH 1
State ID:	T26754
Locality:	City of Roanoke, Roanoke County
Project Administrator:	VDOT

Location

Facility Name:	N/A
Route Number:	N/A
Functional Classification:	Minor Arterial
Limits From:	Thirlane Road
Limits To:	Valley Point Parkway Intersection
Project Length (mi.):	N/A

Project Detail

Project Description:	Reconstruct with added capacity - add left turn lane on Peters Creek to Valley Point Parkway.
----------------------	---

Transportation Solutions Utilized: Intersection Reconfiguration (install new signal or innovative intersection)

Need Type(s) Addressed: Congestion, Safety (auto)
 Need ID(s) Addressed: N_1147_N_A,N_57_MV_S,N_1180_MV_S

Anticipated Transportation Benefits: People will benefit from intersection enhancements off of I-581 at Exit 2, which will address congestion and automobile safety.

Anticipated Objectives Met: 1A, 2A, 3A, 3C, 6A, 6A, 6B, 6C, 7A

Funding Allocations

Total Allocations	\$4,058,056
Total Cost Estimate	\$20,438,688

Planned Obligations

Groupings: Construction : Safety/ITS/Operational Improvements



Project Details

Basic Information

RVTPO Project Title: Williamson Road Pedestrian Safety - Roanoke
 RVTPO ID: 2040.0717.220
 State Project Title: WILLIAMSON RD PEDESTRIAN SAFETY - ROANOKE
 State ID: 122099
 Locality: City of Roanoke
 Project Administrator: City of Roanoke

Location

Facility Name: N/A
 Route Number: Route 11
 Functional Classification: Other Principal Arterial
 Limits From: Hawthorne Drive
 Limits To: Woodbury Street
 Project Length (mi.): N/A

Project Detail

Project Description: Include sidewalk, ADA curb ramps at Hawthorne, Woodbury, and driveway access points, curb and gutter and reset a stormwater inlet reducing ponding and improve stormwater channelization on Williamson Rd.

Transportation Solutions Utilized: New Sidewalk

Need Type(s) Addressed: Safety (ped)

Need ID(s) Addressed: N_83_P_S

Anticipated Transportation Benefits: Pedestrians will be able to walk more safely along this section of Williamson Road.

Anticipated Objectives Met: 1A, 3D, 7A, 7B, 7C

Funding Allocations

Total Allocations	\$1,104,000
Total Cost Estimate	\$575,000

Planned Obligations

Groupings: Construction : Transportation Enhancement/Byway/Non-Traditional



Project Details

Basic Information

RVTPO Project Title: Persinger Road Bridge Replacement
 RVTPO ID: 2040.0717.227
 State Project Title: #BF - CITY OF ROANOKE - BRIDGE REPLACE PERSINGER RD - YEAR 4
 State ID: T27104
 Locality: City of Roanoke
 Project Administrator: City of Roanoke

Location

Facility Name: N/A
 Route Number: N/A
 Functional Classification: Minor Arterial
 Limits From: Brambleton Avenue
 Limits To: Blenheim Road
 Project Length (mi.): 0.04

Project Detail

Project Description: Bridge Replacement w/o Added Capacity

Transportation Solutions Utilized: Bridge Rehabilitation/Replacement

Need Type(s) Addressed: System Management (operations, assets)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: Bridge replacement to ensure destinations can be accessed within the area or corridor around Persinger Road.

Anticipated Objectives Met: 5A, 7D

Funding Allocations

Total Allocations	\$0
Total Cost Estimate	\$3,905,000

Planned Obligations

Groupings: Maintenance : Preventive Maintenance for Bridges



Project Details

Basic Information

RVTPO Project Title: 13th Street Bridge Replacement over Tinker Creek
 RVTPO ID: 2040.0717.246
 State Project Title: #BF - CITY OF ROANOKE - SUPER REPLACE 13TH STREET - YEAR 4
 State ID: T27105
 Locality: City of Roanoke
 Project Administrator: City of Roanoke

Location

Facility Name: N/A
 Route Number: Route 460
 Functional Classification: Local
 Limits From: 0.7 mi. Route 460
 Limits To: 0.0 mi. Mason Mill Road
 Project Length (mi.): 0.04

Project Detail

Project Description: Replace bridge over Tinker Creek w/Added Capacity

Transportation Solutions Utilized: Bridge Rehabilitation/Replacement

Need Type(s) Addressed: System Management (operations, assets)

Need ID(s) Addressed: Stakeholder Identified Maintenance Need

Anticipated Transportation Benefits: Study to investigate the operational needs in this area and how to address them with a bridge structure.

Anticipated Objectives Met: 5A, 7D

Funding Allocations

Total Allocations	\$6,821,505
Total Cost Estimate	\$6,822,000

Planned Obligations

Groupings: Maintenance : Preventive Maintenance for Bridges



Project Details

Basic Information

RVTPO Project Title:	Orange Avenue Improvements, Hickory Woods Drive to Blue Hills Village Drive
RVTPO ID:	2040.0717.246
State Project Title:	#SMART22 - ORANGE AVENUE (US 460) IMPROVEMENTS
State ID:	122120
Locality:	
Project Administrator:	City of Roanoke

Location

Facility Name:	N/A
Route Number:	Route 460
Functional Classification:	Other
Limits From:	Hickory Woods Drive
Limits To:	Blue Hills Village Drive
Project Length (mi.):	N/A

Project Detail

Project Description:	Extend the westbound turn lane at the intersection of Orange Avenue and King Street to reduce congestion resulting from left-turn vehicles spilling back into adjacent through movement. Implement safety countermeasures aimed at addressing crash trends at and between the King and Blue Hills/Mexico Way intersections. Improve the pedestrian and transit facilities along the corridor by adding a sidewalk on the west side of King Street to the southbound bus stop and along Orange Avenue in the westbound/eastbound direction from the bus stops to the pedestrian signal at the intersection; upgrade the pedestrian signal and crosswalks, add a refuge island. Prev. Seibel Dr. to Hickory Woods, Lynn Brae Dr. to Seibel Dr. NE, and Blue Hills Dr. to Moriah Lane - Reconstruction w/added capacity.
Transportation Solutions Utilized:	Intersection Reconfiguration (install new signal or innovative intersection), Access Management, Pedestrian Crossing Improvement, New Sidewalk
Need Type(s) Addressed:	Congestion, Safety (auto), Safety (ped)
Need ID(s) Addressed:	N_63_T, N_981_N_SM,N_2073_T,N_1659_MV_S, N_63_P_S
Anticipated Transportation Benefits	People will benefit from a series of intersection improvement projects along the Orange Avenue/ Route 460 corridor. The projects can help with congestion and automobile safety.

Anticipated Objectives Met: 1A, 2A, 2B, 3B, 3D, 5A, 6B, 6C, 7A, 7B, 7C, 7D

Funding Allocations

Total Allocations	
Total Cost Estimate	\$13,842,213

Planned Obligations

Groupings: