

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.
	<p style="color: blue; text-decoration: underline;">See the NEST tool to map the projects:</p> <p style="color: blue; text-decoration: underline;">https://experience.arcgis.com/experience/ba6a7632c966493e8bc60459676fd1af</p>

State ID	Locality	RVTPO Title	Cost
688	City of Roanoke	13th Street SE Improvements	\$25,294,957
119911	Town of Vinton	Gus Nicks Boulevard Pedestrian/Bicycle Crossing	\$404,000
119671	Salem District-wide	Centerline Rumble Strips Installation	\$208,671
119669	Salem District-wide	Centerline Rumble Strips Installation	\$54,457
119668	Salem District-wide	Edgeline Rumble Strips Installation	\$2,844,247
119666	City of Roanoke	Roanoke River Greenway - Bennington Street to Tinker Creek Greenway	\$835,000
119586	City of Roanoke	Greenway Connection - Riverland Road	\$2,240,410
119562	City of Salem	Roanoke River Greenway - Rotary Park to Apperson Drive	\$4,520,561
119555	City of Roanoke	Aviation Drive / Valley View Boulevard Pedestrian Improvements	\$7,178,491
119475	City of Salem	College Avenue Streetscape	\$3,017,132
119474	City of Salem	Apperson Drive / Orchard Drive Intersection Improvement	\$2,387,558
124309		Transforming Rail in Virginia	\$274,074,889
119472	Town of Vinton	Walnut Avenue Corridor Improvements - 1st to 4th St.	\$7,399,781
119468	Roanoke County	Valleypointe Parkway Realignment	\$9,837,072
119462	Roanoke County	Route 419 Streetscape Improvements Phase 2, Ogden Road to Starkey Road	\$18,469,482
119452	Botetourt County	Route 460 at Laymantown Road Intersection Improvement	\$7,623,347
118034	Roanoke County	I-81 Detour Improvements - Signal Communications	\$450,000
117995	Town of Vinton	Glade Creek Greenway, Phase 2B	\$667,248
117994	City of Roanoke	9th Street Pedestrian and Transit Improvements	\$888,949
117972	City of Salem	I-81 Detour Improvements	\$2,888,408
117221	City of Roanoke	Franklin Road Sidewalk Improvements Phase 2	\$1,828,503
117215	Salem District-wide	Edgeline Rumble Strips Installation	\$791,322
117213	Salem District-wide	FY21 Unsignalized Intersections	\$62,574
117212	Salem District-wide	Pedestrian Crossing Improvements on 419 and at Plantation/Hershberger Intersections	\$530,000
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
110689	City of Salem	Colorado Street Bridge Rehabilitation	\$11,779,000
122903	City of Salem	Intersection Safety Improvements - CITY OF SALEM	\$1,601,478
122901	City of Roanoke	Intersection Safety Improvements - CITY OF ROANOKE	\$734,098
122900	City of Roanoke	Accessible Pedestrian Signals - CITY OF ROANOKE	\$2,207,600
123280	Roanoke County	#PIPELINE23 RTES 117&11 (06)	\$100,000
123118	City of Roanoke	#SGR23LP - ROANOKE - PRIMARY EXTENSION - ADA	\$538,000
123284	Roanoke County	#PIPELINE23 RTE 460 BUS (10)	\$100,000
125090	City of Salem	Roanoke River Greenway - Apperson to Cook Connector	\$1,615,259
125623	City of Roanoke	Westside/Salem Turnpike CGS	\$1,136,630
122864		ORANGE AVE ACCESS MANAGEMENT SAFETY PROJECT	\$4,535,000



124089	Town of Vinton	Hardy Road and Bypass Road Roundabout	\$17,123,028
117211	Salem District-wide	Curve Delineation	\$839,921
124133	Roanoke County	Electric Road Pedestrian Signal Improvements	\$3,944,955
120532	City of Salem, Roanoke County, Montgomery County	VPRA Virginia State-Supported Amtrak Operations	\$25,400,000
122120	City of Roanoke	Orange Avenue Improvements, Hickory Woods Drive to Blue Hills Village Drive	\$13,842,213
122099	City of Roanoke	Williamson Road Pedestrian Safety - Roanoke	\$575,000
123136	City of Roanoke, Roanoke County	I-581 Exit 2 (Peters Creek Road) Interchange Improvements Phase 1	\$20,438,688
122050	Roanoke County	Oak Grove Streetscape - Route 419/Carriage/Grandin Intersection	\$218,748
122110	Roanoke County	Route 460 Intersections W. Ruritan Road to Huntridge Road	\$10,304,328
122101	Roanoke County	Glade Creek Greenway Vinyard Park West Roanoke County	\$651,375
121977	City of Roanoke	1554 Campbell Avenue SW Resurfacing	\$451,235
121971	City of Roanoke	1556 Campbell Avenue SW Resurfacing	\$381,000
121708	Systemwide	Resurfacing Roanoke & Craig Primaries	\$1,595,016
121433	Roanoke County	Route 419/220 Diverging Diamond Interchange	\$4,043,556
122898	City of Roanoke	Wiley Drive Bridge Replacement over Roanoke River	\$4,000,000
116328	Roanoke County	Management Fee for Cameras, Congestion Monitoring System	\$188,492
119473	City of Salem	Downtown Streetscape Improvements White Oak to Market	\$2,311,825
116203	Roanoke County	I-81 Widening - MM136 to MM141	\$232,716,987
108896	City of Roanoke	Colonial Avenue Improvements	\$7,000,000
110624	Montgomery County	Rte. 11 over Norfolk Southern Bridge Deck Replacement	\$2,578,305
110620	Roanoke County	Diuguids Lane Bridge Replacement over the Roanoke River	\$1,941,494
110574	City of Salem	Apperson Drive Bridge Replacement	\$9,792,820
110395	Roanoke County	I-81 Auxilliary Lane from Exit 141 to 143	\$28,193,617
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	\$6,887,240
82193	Roanoke County	Rte. 220 over Back Creek Bridge Replacement	\$18,885,090
91191	Roanoke County	Roanoke River Greenway - City of Roanoke limit to Route 618 (Highland Rd.)	\$1,584,245
94726	Roanoke County	Rt. 221 over Martins Creek Bridge Replacement	\$2,996,000
97171	Roanoke County	#HB2.FY17 WRRG PHASE 1, KINGSMILL DRIVE TO NEW TRAILHEAD	\$12,697,000
116326	Roanoke County	Maintenance of Cameras, Congestion Monitoring System	\$1,598,224
106265	City of Roanoke	Garden City Boulevard Greenway	\$1,680,336
106268	City of Salem	Hanging Rock Battlefield Trail	\$1,424,135
107055	Roanoke County	Williamson Road/Peters Creek Road Pedestrian Safety Improvements	\$1,504,183
110155	Roanoke County	Roanoke River Greenway - Blue Ridge Parkway to Explore Park	\$1,733,750
107061	Roanoke County	Route 419 Safety Improvements at Tanglewood	\$7,039,926
110101	City of Roanoke	Tinker Creek Trail Extension Phase 2A - Mason Mill Park to 13th Street	\$6,528,144
109612	City of Salem	Downtown Salem Streetscape Improvements	\$1,130,000
109611	Town of Vinton	Glade Creek Greenway, Phase 2A	\$705,177
109570	City of Roanoke	Route 460 /Hollins Road Traffic Signal Upgrade	\$446,477
108991	Salem District-wide	Roadway Departure Treatments	\$1,325,400



108906	Roanoke County	I-81 NB Auxiliary Lanes - Exit 141 to 143	\$22,816,357
111135	City of Roanoke	Flashing Yellow Arrow - various locations, City of Roanoke	\$99,478
111137	City of Roanoke	Rectangular Rapid Flashing Beacons - City of Roanoke	\$16,637
110887	Salem District-wide	Route 220 Access Management Improvements Project	\$8,876,000
111360	City of Roanoke	Franklin Road Sidewalk Improvements	\$763,544
116201	Roanoke County	I-81 Widening - MM 144 to Exit 150	\$322,157,080
116197	Roanoke County	I-81 NB Widening - Exit 128 to Exit 137	\$265,372,320
116077	Salem District-wide	Safety Prescoping Salem	\$529,936
115473	Roanoke County	Route 813 Bridge over Roanoke River	\$2,408,770
115460	Roanoke County	Route 419/Route 220 Diverging Diamond Interchange	\$17,505,000
115457	Botetourt County	Route 220 and International Parkway Intersection	\$4,551,000
114331	Salem District-wide	Advanced Signal Control Technology and Communication Installation	\$407,136
113947	Roanoke County	Pedestrian Improvements on Route 11 - North Roanoke Assisted Living to Clubhouse Drive	\$2,573,000
113570	City of Roanoke	I-581 Exit 2 Interchange Study	\$190,000
111317	Roanoke County	Williamson Road Pedestrian Improvements Peters Creek Road to Plantation Road	\$2,066,558
113566	City of Salem	Elizabeth Greenway	\$1,832,171
113565	Town of Vinton	Walnut Avenue Bicycle and Pedestrian Accommodations - West Lee Avenue to 1st Street	\$820,900
113567	Roanoke County	Roanoke River Greenway Extension through Explore Park to Rutrough Rd.	\$4,795,308
113324	City of Roanoke	Installation of Pedestrian Countdown Signal on Orange Avenue	\$98,997
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	\$3,995,881
113356	Roanoke County	Roanoke River Greenway, Parkway Crossing	\$708,258
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.)	\$641,897
111373	Roanoke County	I-81 Southbound Auxiliary Lane - Exit 143 and 141	\$11,000,000
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 Auxilliary Lane from Exit 143 to 141	\$15,785,499
113144	Roanoke County	Starkey Road/Buck Mountain Road Intersection Improvements	\$6,237,312
113322	Town of Vinton	Hardy Road/Dillon Woods Crosswalk	\$497,911
T27834		#SMART24 - STARS 460/Orange Ave - Plantation Rd Imp	\$8,533,761
T27867		#SMART24 - I-581/US 460/US 11 IMPROVEMENTS	\$25,670,186
T142722	Salem District-wide	MN Salem: Preventative Maintenance and System Preservation	\$104,336,573
T29310	Town of Vinton	Vinyard Road Pedestrian Safety Improvement Project (PE Phase)	\$1,226,000
T14721	Salem District-wide	MN Salem: Preventative Maintenance for Bridges	\$77,508,932
T27836	City of Roanoke	STARS 460/Orange Ave - 11th to 24th Improvements	\$28,285,510
T14720	Salem District-wide	MN Salem: Traffic and Safety Operations	\$11,824,327
T29075	City of Roanoke	Tinker Creek Trail Extension Phase 2B - 13th Street to Orange Avenue	\$3,508,779
T27847	Roanoke County	Electric Road Safety Improvements, Stoneybrook to Grandin Rd. Ext.	\$6,624,464



Roanoke Valley Transportation
PLANNING ORGANIZATION
Member of the
 REGIONAL COMMISSION

T27105	City of Roanoke	13th Street Bridge Replacement over Tinker Creek	\$6,822,000
T27104	City of Roanoke	Persinger Road Bridge Replacement	\$3,905,000
T26750	Town of Vinton	Glade Creek Greenway Phase 3 PE/Study	\$275,000
T24740	Botetourt County	Rte. 220 Superstreet Improvement	\$15,461,000
T24579	Roanoke County	Orange Market Park and Ride / Parking Lot Improvements	\$1,843,573
T21479	Salem District-wide	Rumble Strip Installation	\$500,000
T21476	Salem District-wide	Guardrail Installation	\$500,000
GRT0011	Systemwide	Real Time Passenger Information System Project	\$400,000
GRT0001	City of Roanoke	VM Fixed-Routes Opp Assistance: 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.	\$43,406,931
GRT0002	City of Roanoke	Preventative Maintenance for Valley Metro Vehicles	\$4,970,676
GRT0003	City of Roanoke	Replace Valley Metro transit vehicles	\$1,320,152
GRT0004	City of Roanoke	Valley Metro Support Vehicles	\$280,000
GRT0009	Systemwide	Shop Equipment	\$130,000
GRT0006	City of Roanoke	Rehab/Renovation of Admin/Maint Building	\$100,000
GRT0010	Systemwide	Electric Charging Infrastructure	\$500,000
GRT0007	City of Roanoke	Construction Maintenance Service Lot	\$1,000,000
GRT0008	City of Roanoke	ADP Hardware	\$20,000
GRT0005	City of Roanoke	Bus Stop Enhancements	\$576,000
RAD0001	Roanoke County	Purchase of RADAR paratransit vehicles	\$640,000
ROA0001	Roanoke County	Capital Assistance CORTAN	\$1,700,000



PROJECT OVERVIEW

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

LOCATION

Route Number:	
Functional Classification:	Minor Arterial
Limits:	From 0.46 mil south of Church Avenue to Norfolk Avenue
Project Length:	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)
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

Source	Amount
BOM	\$999,999
CPR	\$129,212
EB/MG	\$2,644,274
HIP	\$172,378
LOC	\$199,713
LOM	\$391,291
MIX	\$1,974,218
NHPP	\$3,074,186
RS	\$901,238
STF	\$311,134
STP	\$11,493,875
TOTAL:	\$22,291,518



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Minor Arterial
Limits:	<i>From Billy Byrd Apartments to Gish Mill Property</i>
Project Length:	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)
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

Source	Amount
RSTP	\$323,130
STM	\$80,782
TOTAL:	\$403,912



PROJECT OVERVIEW

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

LOCATION

Route Number:	
Functional Classification:	Other
Limits:	From Various to Various
Project Length:	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

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

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

LOCATION

Route Number:	
Functional Classification:	Other
Limits:	From Various to Various
Project Length:	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

Source	Amount
STF	\$154,457
TOTAL:	\$154,457



PROJECT OVERVIEW

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

LOCATION

Route Number:	
Functional Classification:	Other
Limits:	From Various to Various
Project Length:	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

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

RVTPO ID:	2040.0717.033
State Project Title:	ROANOKE RIVER GREENWAY-EAST - ROANOKE CITY - PE STUDY ONLY
State ID:	119666
Locality:	City of Roanoke
Project Administrator:	City of Roanoke

LOCATION

Route Number:	
Functional Classification:	Other
Limits:	From Bennington Street to Tinker Creek Greenway
Project Length:	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)
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

Source	Amount
RSTP	\$568,000
STM	\$142,000
HIP	\$125,000
TOTAL:	\$835,000



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Off-Rd
Limits:	From Garden City Boulevard to Mill Mountain Star Trail parking lot
Project Length:	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)
Need ID(s) Addressed:	
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

Source	Amount
RSTP	\$2,240,410
STM	\$211,981
HIP	\$138,500
TOTAL:	\$2,590,891



PROJECT OVERVIEW

RVTPO ID:	2040.0717.004
State Project Title:	#SMART22 - ROANOKE RIVER GREENWAY EXTENSION
State ID:	119562
Locality:	City of Salem
Project Administrator:	City of Salem

LOCATION

Route Number:	
Functional Classification:	Off-Rd
Limits:	From Rotary Park to Cook Drive
Project Length:	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)
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

Source	Amount
STF	\$4,349,680
STP	\$1,000,000
TOTAL:	\$5,349,680



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Major Collector
Limits:	From Roanoke-Blacksburg Regional Airport to Ring Rd./Valley View Boulevard intersection
Project Length:	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, , , 7A, 7B, 7C, 7D

FUNDING

Source	Amount
HIP	\$350,225
RSTP	\$719,821
STF	\$5,928,491
STM	\$179,954
TOTAL:	\$7,178,491



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Other Principal Arterial
Limits:	From Calhoun Street to 2nd Street
Project Length:	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

Source	Amount
STF	\$1,708,507
STP	\$1,000,000
LOC	\$547,800
TOTAL:	\$3,256,307



PROJECT OVERVIEW

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

Route Number:	Route 11
Functional Classification:	Other Principal Arterial
Limits:	<i>From West of Orchard Drive to Brookland Drive</i>
Project Length:	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
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, 6B, 6C, , , ,

FUNDING

Source	Amount
STF	\$2,556,069
TOTAL:	\$2,556,069



PROJECT OVERVIEW

RVTPO ID:	2045.0624.001
State Project Title:	
State ID:	124309
Locality:	
Project Administrator:	VPRA

LOCATION

Route Number:	
Functional Classification:	
Limits:	<i>From DC to Roanoke</i>
Project Length:	0.00

PROJECT DETAIL

Project Description:	Capital construction costs associated with Amtrak operations from DC to Roanoke.
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
Federal	\$274,074,889
TOTAL:	\$274,074,889



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Major Collector
Limits:	From 1st Street to 4th Street
Project Length:	0.32

PROJECT DETAIL

Project Description:	New Sidewalk, Bike lane and Pedestrian crossing improvements 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)
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 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, 7D

FUNDING

Source	Amount
STF	\$3,805,130
STP	\$3,884,687
TOTAL:	\$7,689,817



PROJECT OVERVIEW

RVTPO ID:	2040.0717.107
State Project Title:	#SMART22 - VALLEYPONTE PARKWAY REALIGNMENT
State ID:	119468
Locality:	Roanoke County
Project Administrator:	VDOT

LOCATION

Route Number:	
Functional Classification:	Minor Collector
Limits:	From Concourse Drive to Wood Haven Road
Project Length:	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, , , 0, 0, , 5A, , 6B, 6C, , , ,

FUNDING

Source	Amount
RSTP	\$2,000,000
STF	\$7,337,072
STM	\$500,000
TOTAL:	\$9,837,072



PROJECT OVERVIEW

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

Route Number:	Route 419
Functional Classification:	Other Principal Arterial
Limits:	From Ogden Road to Starkey Road
Project Length:	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)
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

Source	Amount
RSTP	\$3,477,717
STF	\$14,882,217
STM	\$869,433
STP	\$660,542
TOTAL:	\$19,889,909



PROJECT OVERVIEW

RVTPO ID:	2040.0717.067
State Project Title:	#SMART22 - US460/LAYMANTOWN ROAD INTERSECTION IMPROVEMENT
State ID:	119452
Locality:	Botetourt County
Project Administrator:	VDOT

LOCATION

Route Number:	
Functional Classification:	Major Collector
Limits:	From Route 460 to Laymantown Road
Project Length:	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
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

Source	Amount
STF	\$7,623,347
TOTAL:	\$7,623,347



PROJECT OVERVIEW

RVTPO ID:	2040.0717.089
State Project Title:	#I81CIP DETOUR IMPROVEMENTS - SIGNAL COMMS SALEM DIST.
State ID:	118034
Locality:	Roanoke County
Project Administrator:	VDOT

LOCATION

Route Number:	
Functional Classification:	Other
Limits:	From TBD to TBD
Project Length:	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

Source	Amount
STF	\$450,000
TOTAL:	\$450,000



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Major Collector
Limits:	From Gearhart Park to Walnut Avenue
Project Length:	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)
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

Source	Amount
LOC	\$238,457
RTAP	\$472,991
TAP	\$180,800
TOTAL:	\$892,248



PROJECT OVERVIEW

RVTPO ID:	2040.0717.012
State Project Title:	9TH STREET MULTIMODAL IMPROVEMENTS
State ID:	117994
Locality:	City of Roanoke
Project Administrator:	City of Roanoke

LOCATION

Route Number:	
Functional Classification:	Major Collector
Limits:	From Jamison Avenue to Highland Avenue
Project Length:	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:	
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

Source	Amount
LOC	\$125,000
RTAP	\$241,036
TAP	\$258,964
TOTAL:	\$625,000



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Other
Limits:	From Various to Various
Project Length:	1.22

PROJECT DETAIL

Project Description:	Traffic Management/Engineering
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 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

Source	Amount
STF	\$2,873,858
TOTAL:	\$2,873,858



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Minor Arterial
Limits:	From Hounds Chase Ln. (0.5 mi.) to 220N Ramp
Project Length:	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

Source	Amount
LOC	\$40,618
SFTY	\$1,791,406
TOTAL:	\$1,832,024



PROJECT OVERVIEW

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

LOCATION

Route Number:	
Functional Classification:	Other
Limits:	<i>From Various to Various</i>
Project Length:	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

Source	Amount
SFTY	\$310,510
TOTAL:	\$310,510



PROJECT OVERVIEW

RVTPO ID:	2040.0717.085
State Project Title:	FY 21 PEDESTRIAN CROSSING IMPROVEMENTS
State ID:	117212
Locality:	Salem District-wide
Project Administrator:	VDOT

LOCATION

Route Number:	
Functional Classification:	Other
Limits:	From Multiple-see description. to Multiple-see description.
Project Length:	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 Hersberger 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

Source	Amount
SFTY	\$496,870
STM	\$8,000
TOTAL:	\$504,870



PROJECT OVERVIEW

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

Route Number:	Route 460
Functional Classification:	Other Principal Arterial
Limits:	<i>From</i> Huntridge Road <i>to</i> Avery Row
Project Length:	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
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

Source	Amount
RSTP	\$2,035,889
STF	\$19,252,124
STM	\$508,971
TOTAL:	\$21,796,984



PROJECT OVERVIEW

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

LOCATION

Route Number:	
Functional Classification:	Other
Limits:	From Various to Various
Project Length:	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

Source	Amount
SFTY	\$4,655,543
TOTAL:	\$4,655,543



PROJECT OVERVIEW

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

Route Number:	Route 220
Functional Classification:	Minor Collector
Limits:	From 3.72 Mile Rte. 220 to 2.41 Mile. Rte. 640
Project Length:	0.00

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

Source	Amount
BR/BROS	\$6,156,000
TOTAL:	\$6,156,000



PROJECT OVERVIEW

RVTPO ID:	
State Project Title:	
State ID:	110689
Locality:	City of Salem
Project Administrator:	

LOCATION

Route Number:	11
Functional Classification:	
Limits:	<i>From Colorado Street to Rowan Street</i>
Project Length:	0.20

PROJECT DETAIL

Project Description:	Bridge Replacement w/o Added Capacity
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

RVTPO ID:	
State Project Title:	INTERSECTION SAFETY IMPROVEMENTS - CITY OF SALEM
State ID:	122903
Locality:	City of Salem
Project Administrator:	VDOT

LOCATION

Route Number:	
Functional Classification:	
Limits:	<i>From to</i>
Project Length:	0.00

PROJECT DETAIL

Project Description:	Safety
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

RVTPO ID:	
State Project Title:	INTERSECTION SAFETY IMPROVEMENTS - CITY OF ROANOKE
State ID:	122901
Locality:	City of Roanoke
Project Administrator:	VDOT

LOCATION

Route Number:	
Functional Classification:	
Limits:	<i>From to</i>
Project Length:	0.00

PROJECT DETAIL

Project Description:	
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

RVTPO ID:	
State Project Title:	ACCESSIBLE PEDESTRIAN SIGNALS - CITY OF ROANOKE
State ID:	122900
Locality:	City of Roanoke
Project Administrator:	VDOT

LOCATION

Route Number:	
Functional Classification:	
Limits:	<i>From to</i>
Project Length:	0.00

PROJECT DETAIL

Project Description:	
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

RVTPO ID:	
State Project Title:	#PIPELINE23 RTES 117&11 (06)
State ID:	123280
Locality:	Roanoke County
Project Administrator:	

LOCATION

Route Number:	117
Functional Classification:	Minor Arterial
Limits:	<i>From Wood Haven Road (Rte 628) to Plantation Road (Rte. 115)</i>
Project Length:	0.00

PROJECT DETAIL

Project Description:	
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

RVTPO ID:	
State Project Title:	#SGR23LP - ROANOKE - PRIMARY EXTENSION - ADA
State ID:	123118
Locality:	City of Roanoke
Project Administrator:	

LOCATION

Route Number:	11
Functional Classification:	
Limits:	<i>From Williamson Road SE to Mid 100 Block SW</i>
Project Length:	0.00

PROJECT DETAIL

Project Description:	Facilities for Pedestrians and Bicycles
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

RVTPO ID:	
State Project Title:	
State ID:	123284
Locality:	Roanoke County
Project Administrator:	

LOCATION

Route Number:	460
Functional Classification:	Minor Arterial
Limits:	<i>From Dow Hollow Rd to Roanoke Rd</i>
Project Length (miles):	0.00

PROJECT DETAIL

Project Description:	
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

RVTPO ID:	2045.0328.001
State Project Title:	ROANOKE RIVER GREENWAY - APPERSON TO COOK CONNECTOR
State ID:	125090
Locality:	City of Salem
Project Administrator:	City of Salem

LOCATION

Route Number:	
Functional Classification:	
Limits:	<i>From Apperson Trailhead to Cook Trailhead</i>
Project Length (miles):	0.25

PROJECT DETAIL

Project Description:	Project will only be approximately 0.25 miles, it will get users safely under the Apperson Drive vehicular traffic bridge and then across the river and under the railroad tracks. The sidewalk along the current Apperson Drive Bridge will be utilized to substantially reduce costs on this project.
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
STBG	\$1,615,259
TOTAL:	\$1,615,259



PROJECT OVERVIEW

RVTPO ID:	2045.0220.012
State Project Title:	
State ID:	125623
Locality:	City of Roanoke
Project Administrator:	

LOCATION

Route Number:	
Functional Classification:	
Limits:	<i>From Salem Turnpike NW (West Westside Blvd. NW) to 0.07 mi. N on Westside Blvd. NW</i>
Project Length (miles):	0.43

PROJECT DETAIL

Project Description:	
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
Local	\$227,406
TAP	\$909,224
TOTAL:	\$1,136,630



PROJECT OVERVIEW

RVTPO ID:	2045.0220.008
State Project Title:	ORANGE AVE ACCESS MANAGEMENT SAFETY PROJECT
State ID:	122864
Locality:	
Project Administrator:	

LOCATION

Route Number:	460
Functional Classification:	
Limits:	<i>From NB I-581 Off-ramp to US 11 (Williamson Rd)</i>
Project Length (miles):	0.00

PROJECT DETAIL

Project Description:	
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

RVTPO ID:	2045.0220.013
State Project Title:	#SMART24 - ROUNDABOUT AT HARDY RD & BYPASS RD (RTE 24)
State ID:	124089
Locality:	Town of Vinton
Project Administrator:	Not Assigned

LOCATION

Route Number:	24
Functional Classification:	Major Collector
Limits:	From Clearview Drive to
Project Length (miles):	0.23

PROJECT DETAIL

Project Description:	Convert the intersection of Hardy Road/Bypass Road (Rt. 24) and Hardy Road (Rt. 634) from a signalized intersection to a two-lane roundabout. The project includes sidewalk in the immediate area of the roundabout.
Transportation Solutions Utilized:	Traffic Calming New Sidewalk
Need Type(s) Addressed:	Safety (ped)
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	Benefits: Motorist will be able to travel along Hardy Road and Bypass Road with less congestion and more safely due to the newly constructed roundabout. Burdens: High cost. Congestion relief would be achieved at this location but would remain an issue west of the intersection through Vinton to the City of Roanoke. Some pedestrians may be challenged crossing a two-lane roundabout without the ability to stop traffic.
Anticipated Objectives Met:	1A, 2A, , , , 3D, , , 5A, , , 6C, 7A, , 7C, 7D

FUNDING

Source	Amount
SS	\$17,123,028
TOTAL:	\$17,123,028



PROJECT OVERVIEW

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

LOCATION

Route Number:	
Functional Classification:	Other
Limits:	From Various to Various
Project Length (miles):	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

Source	Amount
SFTY	\$651,761
TOTAL:	\$651,761



PROJECT OVERVIEW

RVTPO ID:	2045.0220.002
State Project Title:	#SMART24 - ROUTE 419 PEDESTRAIN & INTERSECTION IMPROVEMENTS
State ID:	124133
Locality:	Roanoke County
Project Administrator:	Not Assigned

LOCATION

Route Number:	
Functional Classification:	Other Principle Arterial
Limits:	From Grandin Rd Ext to Postal Drive
Project Length (miles):	0.26

PROJECT DETAIL

Project Description:	Construct pedestrian signals and crosswalks at two adjacent Route 419/Electric Road intersections: Route 221/Brambleton Avenue and Postal Drive/Berry Lane.
Transportation Solutions Utilized:	Pedestrian Crossing Improvement
Need Type(s) Addressed:	Safety (ped)
Need ID(s) Addressed:	N_59_3_P_S N_1250_N_A N_69_3_P_S N_59_1_P_S
Anticipated Transportation Benefits:	Benefits: Pedestrians will be safer walking between Cedar Point Apartments, Cave Spring Post Office, doctor's offices on Postal Drive and the Kroger shopping center. Burdens: Additional pedestrian activity may result in more conflicts between pedestrians and vehicles.
Anticipated Objectives Met:	1A, , , , , 3D, 4A, 4B, , 6A, , , 7A, 7B, 7C,

FUNDING

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

RVTPO ID:	2045.0220.001
State Project Title:	
State ID:	120532
Locality:	City of Salem, Roanoke County, Montgomery County
Project Administrator:	VPRA

LOCATION

Route Number:	
Functional Classification:	Other
Limits:	From MP251 in Salem to RVTPO Boundary
Project Length (miles):	0.00

PROJECT DETAIL

Project Description:	A distance of approximately 8.5 miles of Virginian Line railroad (including the bridges/culverts that support the track) will be improved to enable AMTRAK passenger service between Roanoke and the New River Valley—operating expenses for two trains on the Roanoke route (Route 46). The cost included is only for a portion of the route and a portion of the train costs estimated for the jurisdiction.
Transportation Solutions Utilized:	Transit Route Realignment/Expansion/Modification
Need Type(s) Addressed:	System Mangement (Transit)
Need ID(s) Addressed:	N_463_N_SM
Anticipated Transportation Benefits:	Benefits: People will have another option for traveling from the New River Valley to the Roanoke Valley using Amtrak service to reach destinations in the Valleys. Burdens: High Cost
Anticipated Objectives Met:	, , 2B, , 3B, 3C, , 4A, , , , , , , ,

FUNDING

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

RVTPO ID:	2040.0717.246
State Project Title:	#SMART22 - ORANGE AVENUE (US 460) IMPROVEMENTS
State ID:	122120
Locality:	City of Roanoke
Project Administrator:	City of Roanoke

LOCATION

Route Number:	Route 460
Functional Classification:	
Limits:	From Hickory Woods Drive to Blue Hills Village Drive
Project Length (miles):	0.00

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
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

Source	Amount
RSTP	\$981,600
NHPP	\$7,300,000



Roanoke Valley Transportation
PLANNING ORGANIZATION
affiliated with the
REGIONALCOMMISSION

STF	\$2,058,937
STM	\$245,400
TOTAL:	\$10,585,937



PROJECT OVERVIEW

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

Route Number:	Route 11
Functional Classification:	Other Principal Arterial
Limits:	From Hawthorne Drive to Woodbury Street
Project Length (miles):	0.00

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

Source	Amount
TAP	\$460,000
LOC	\$115,000
TOTAL:	\$575,000



PROJECT OVERVIEW

RVTPO ID:	2040.0717.235
State Project Title:	I-581-EXIT 2 (PETERS CREEK RD) INTERCHANGE IMPROVEMENTS PH 1
State ID:	123136
Locality:	City of Roanoke, Roanoke County
Project Administrator:	VDOT

LOCATION

Route Number:	
Functional Classification:	Minor Arterial
Limits:	From Thirlane Road to Valley Point Parkway Intersection
Project Length (miles):	0.00

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
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, 6B, 6C, 7A, , ,

FUNDING

Source	Amount
RSTP	\$3,246,444
STM	\$811,612
TOTAL:	\$4,058,056



PROJECT OVERVIEW

RVTPO ID:	2040.0717.057
State Project Title:	OAK GROVE STREETScape IMPROVEMENTS
State ID:	122050
Locality:	Roanoke County
Project Administrator:	VDOT

LOCATION

Route Number:	Route 419
Functional Classification:	Major Collector
Limits:	From Carriage Lane to Grandin Road
Project Length (miles):	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

Source	Amount
RSTP	\$174,998
STM	\$43,750
TOTAL:	\$218,748



PROJECT OVERVIEW

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

Route Number:	Route 460
Functional Classification:	Other Principal Arterial
Limits:	<i>From West Ruritan Road to Blue Hills Village Drive</i>
Project Length (miles):	0.00

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 ManagementPedestrian Crossing Improvement
Need Type(s) Addressed:	Congestion
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, 0, , ,

FUNDING

Source	Amount
RSTP	\$970,681
NHPP	\$2,300,000
STF	\$290,976
STM	\$242,671
TOTAL:	\$3,804,328



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Off-Rd
Limits:	<i>From 150 Vinyard Park Drive, Berkley Rd Lot to 150 Vinyard Park Drive, Western Edge</i>
Project Length (miles):	0.00

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)
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

Source	Amount
LOC	\$85,016
TAP	\$769,000
RTAP	\$81,036
TOTAL:	\$935,052



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Other
Limits:	<i>From Various to Various</i>
Project Length (miles):	0.00

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

Source	Amount
STF	\$191,157
TOTAL:	\$191,157



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Other Principal Arterial
Limits:	<i>From Williamson Road SE to Mid 100 block SW</i>
Project Length (miles):	0.00

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

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

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

LOCATION

Route Number:	
Functional Classification:	Other
Limits:	<i>From to</i>
Project Length (miles):	0.00

PROJECT DETAIL

Project Description:	Resurfacing
Transportation Solutions Utilized:	Pavement Repair/Repaving
Need Type(s) Addressed:	
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

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

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

Route Number:	Route 220
Functional Classification:	Other
Limits:	From 0.5 Mi. W. Rte. 220 to 0.23 Mi. E.. Rte. 220
Project Length (miles):	0.73

PROJECT DETAIL

Project Description:	Garvee Debt Service for DDI project.
Transportation Solutions Utilized:	N/A - Financial Account
Need Type(s) Addressed:	
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

Source	Amount
NHPP	\$1,213,841
TOTAL:	\$1,213,841



PROJECT OVERVIEW

RVTPO ID:	2040.0717.247
State Project Title:	WILEY DR/ROANOKE RIVER GREENWAY LOW WATER BRIDGE
State ID:	122898
Locality:	City of Roanoke
Project Administrator:	City of Roanoke

LOCATION

Route Number:	
Functional Classification:	Local
Limits:	From Roanoke River (near Franklin Road) to
Project Length (miles):	0.09

PROJECT DETAIL

Project Description:	Replace existing bridge with a higher one to minimize facility closures due to flooding. New bridge to include a shared-use path for bikes/pedestrians and one-lane for eastbound motor vehicles. (\$2.5M received in Fall 2022 from federal earmark, remaining is needed.)
Transportation Solutions Utilized:	Bridge Rehabilitation/Replacement
Need Type(s) Addressed:	System Mangement (non-Transit)
Need ID(s) Addressed:	N_546_N_SM
Anticipated Transportation Benefits:	Benefits: Motorists, pedestrians and bicyclists will not have to find alternate routes when rainfall exceeds capacity of the current bridge—burdens: Facility out of order during construction. People will benefit from a new bridge structure that can mitigate the concerns of not accessing locations due to flooding.
Anticipated Objectives Met:	1A, 2A, , , , 3D, 4A, 4B, 5A, , , , 7A, , , 7D

FUNDING

Source	Amount
HIP	\$2,500,000
LOC	\$1,500,000
TOTAL:	\$4,000,000



PROJECT OVERVIEW

RVTPO ID:	2040.0717.025
State Project Title:	#I81CIP SWRO MGMT FEE FOR NEW CMS & CAMERAS O&M FY20-27
State ID:	116328
Locality:	Roanoke County
Project Administrator:	VDOT

LOCATION

Route Number:	
Functional Classification:	Other
Limits:	<i>From Various to Various</i>
Project Length (miles):	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)
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

Source	Amount
STF	\$188,492
TOTAL:	\$188,492



PROJECT OVERVIEW

RVTPO ID:	2040.0717.145
State Project Title:	#SMART22 - MAIN ST / MARKET ST INTERSECTION IMPROVEMENTS
State ID:	119473
Locality:	City of Salem
Project Administrator:	City of Salem

LOCATION

Route Number:	
Functional Classification:	Other Principal Arterial
Limits:	From White Oak Alley to Market Street
Project Length (miles):	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)
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

Source	Amount
STF	\$2,311,825
TOTAL:	\$2,311,825



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Interstate
Limits:	From MM 136 to MM 141
Project Length (miles):	6.08

PROJECT DETAIL

Project Description:	Add lane in each direction.
Transportation Solutions Utilized:	New Through Travel Lane
Need Type(s) Addressed:	Congestion
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

Source	Amount
I81	\$101,931,732
STF	\$48,247,394
TIFIA	\$82,554,209
TOTAL:	\$232,733,335



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Minor Arterial
Limits:	From 300 ft beyond Winding Way Road SW to Clearfield Road SW
Project Length (miles):	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 Lane
Need Type(s) Addressed:	System Management (operations, assets)
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

Source	Amount
LOC	\$114,704
NHPP	\$383,116
RS	\$3,118,284
RTAP	\$282,603
SFTY	\$2,386,884
STM	\$25,000



Roanoke Valley Transportation
PLANNING ORGANIZATION
affiliated with the
REGIONALCOMMISSION

TAP	\$176,211
TOTAL:	\$6,486,802



PROJECT OVERVIEW

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

Route Number:	Route 11
Functional Classification:	Major Collector
Limits:	From 0.4 mi. north of Big Spring Drive to 0.4 mi. south of North Fork Road
Project Length (miles):	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

Source	Amount
NHPP	\$2,109,856
STF	\$468,449
TOTAL:	\$2,578,305



PROJECT OVERVIEW

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

Route Number:	Route 760
Functional Classification:	Major Collector
Limits:	From 0.15 mi. south of Salem City Line to the intersection with Route 639
Project Length (miles):	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

Source	Amount
STF	\$1,743,807
NHPP	\$175,380
TOTAL:	\$1,919,187



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Other Principal Arterial
Limits:	From East Riverside Drive to Route 419 - Electric Road
Project Length (miles):	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

Source	Amount
BOM	\$262,970
BR/BROS	\$2,459,013
EB/MG	\$4,775
EN	\$332,514
LOC	\$1,106,749
LOM	\$40,301
MIX	\$66,358
RS	\$3,877,520
STF	\$972,702
STP	\$12,364
TOTAL:	\$9,135,266



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Interstate
Limits:	From I - 81 NB Exit 141 to I - 81 NB Exit 143
Project Length (miles):	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

Source	Amount
NHPP	\$18,433,862
TOTAL:	\$18,433,862



PROJECT OVERVIEW

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

Route Number:	Route 460
Functional Classification:	Other Principal Arterial
Limits:	From 0.028 mi. W of Rte 311 to 0.006 mi. W of Brand Avenue
Project Length (miles):	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 Amenities
Need Type(s) Addressed:	Congestion
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 accommodations being added with intersection improvements.
Anticipated Objectives Met:	1A, 2A, , 3A, , , 3D, , , 5A, , 6B, 6C, 7A, 7B, 7C, 7D

FUNDING

Source	Amount
BOM	\$396,972
LOC	\$702,296
LOM	\$217,955
MIX	\$1,967,117
NHPP	\$3,417,590
NHS	\$41,094
STF	\$8,161,919



Roanoke Valley Transportation
PLANNING ORGANIZATION
affiliated with the
REGIONALCOMMISSION

STP	\$1,092,876
TOTAL:	\$15,997,819



PROJECT OVERVIEW

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

Route Number:	Route 116
Functional Classification:	Minor Arterial
Limits:	From 0.285 mi. S Rte. 945 to 0.584 mi. S Rte. 945
Project Length (miles):	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:	
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

Source	Amount
BOM	\$328,360
BR/BROS	\$659,661
STF	\$2,787,269
STP	\$1,275,534
STP/BR	\$1,832,968
IM	\$243
MIX	\$3,205
IM	\$243
MIX	\$3,205
TOTAL:	\$6,890,688



PROJECT OVERVIEW

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

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

Source	Amount
BOM	\$493,486
BR/BROS	\$1,458,752
MIX	\$317,107
NHPP	\$9,806,299
STF	\$825,706
STP	\$358,501
STP/BR	\$3,036,983
TOTAL:	\$16,296,834



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Minor Collector
Limits:	From City of Roanoke limit to Route 618 (Highland Road)
Project Length (miles):	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)
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

Source	Amount
EN	\$421,000
LOC	\$193,250
RSTP	\$1,204,297
RTAP	\$100,000
STM	\$301,074
TAP	\$252,000
TOTAL:	\$2,471,621



PROJECT OVERVIEW

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

Route Number:	Route 221
Functional Classification:	Minor Arterial
Limits:	From 0.03 mi S. Int Rte 696 to 0.07 mi N. Int. Rte 696
Project Length (miles):	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

Source	Amount
BOM	\$90,313
BR/BROS	\$372,053
STF	\$1,465,196
STP	\$10,804
STP/BR	\$778,761
TOTAL:	\$2,717,127



PROJECT OVERVIEW

RVTPO ID:	2040.0717.006
State Project Title:	#HB2.FY17 WRRG PHASE 1, KINGSMILL DRIVE TO NEW TRAILHEAD
State ID:	97171
Locality:	Roanoke County
Project Administrator:	Roanoke County

LOCATION

Route Number:	
Functional Classification:	Major Collector
Limits:	From Green Hill Park to Kingsmill Drive
Project Length (miles):	0.63

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)
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

Source	Amount
RSTP	\$5,874,583
SFTY	\$686,408
STF	\$3,203,225
STM	\$1,468,646
STP	\$1,334,174
TOTAL:	\$12,567,036



PROJECT OVERVIEW

RVTPO ID:	2040.0717.024
State Project Title:	#I81CIP SWRO MAINTENANCE FOR NEW CMS & CAMERAS O&M FY20-27
State ID:	116326
Locality:	Roanoke County
Project Administrator:	VDOT

LOCATION

Route Number:	
Functional Classification:	Other
Limits:	<i>From Various to Various</i>
Project Length (miles):	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)
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

Source	Amount
STF	\$1,598,224
TOTAL:	\$1,598,224



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Major Collector
Limits:	<i>From Davenport Avenue / Ivywood Street to Riverland Road</i>
Project Length (miles):	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)
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

Source	Amount
LOC	\$770,701
RS	\$309,635
RSTP	\$160,000
RTAP	\$160,000
STM	\$40,000
TAP	\$240,000
TOTAL:	\$1,680,336



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Other Principal Arterial
Limits:	<i>From Hanging Rock Battle Field Trail Head to East Main Street</i>
Project Length (miles):	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)
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

Source	Amount
DEMO	\$393,315
LOC	\$215,610
RTAP	\$57,392
TAP	\$200,000
TOTAL:	\$866,317



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Other Principal Arterial
Limits:	From Route 117 (Peters Creek Road) to Williamson Road
Project Length (miles):	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

Source	Amount
SFTY	\$1,391,506
STM	\$2,305
STF	\$558
TOTAL:	\$1,394,369



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Off-Rd
Limits:	From Blue Ridge Parkway to Explore Park
Project Length (miles):	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)
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

Source	Amount
FH	\$2,723,000
LOC	\$707,085
TOTAL:	\$3,430,085



PROJECT OVERVIEW

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

Route Number:	Route 419
Functional Classification:	Other Principal Arterial
Limits:	From Route 867 to Route 220
Project Length (miles):	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
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, 6B, 6C, 7A, 7B, 7C, 7D

FUNDING

Source	Amount
HIP	\$399,779
NHPP	\$1,807,210
SFTY	\$2,544,169
STM	\$22,041
STP	\$1,917,839
LOC	\$327,042
TOTAL:	\$7,018,080



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Off-Rd
Limits:	From 13th Street to Masons Mill Park
Project Length (miles):	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)
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

Source	Amount
BOM	\$561,159
LOC	\$194,617
LOM	\$62,350
RS	\$826,436
RSTP	\$3,853,040
RTAP	\$160,969
STM	\$963,260



Roanoke Valley Transportation
PLANNING ORGANIZATION
affiliated with the
REGIONALcommission

STP	\$1,935,508
TOTAL:	\$8,557,339



PROJECT OVERVIEW

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

LOCATION

Route Number:	Route 460
Functional Classification:	Other Principal Arterial
Limits:	From West side of Broad Street to East side of White Oak Alley
Project Length (miles):	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)
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

Source	Amount
LOC	\$197,684
RTAP	\$131,907
TAP	\$658,827
TOTAL:	\$988,418



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Minor Arterial
Limits:	From 5th Street and Walnut Avenue to Gus Nicks Boulevard
Project Length (miles):	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)
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

Source	Amount
HIP	\$103,919
LOC	\$124,358
TAP	\$417,710
RSTP	\$29,386
STM	\$7,347
TOTAL:	\$682,720



PROJECT OVERVIEW

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

Route Number:	Route 460
Functional Classification:	Other Principal Arterial
Limits:	From Hollins Road NE (Route 115) to
Project Length (miles):	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

Source	Amount
SFTY	\$444,236
TOTAL:	\$444,236



PROJECT OVERVIEW

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

LOCATION

Route Number:	
Functional Classification:	Interstate
Limits:	<i>From Various to Various</i>
Project Length (miles):	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

Source	Amount
SFTY	\$280,000
TOTAL:	\$280,000



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Interstate
Limits:	From I-81 Exit 141 NB to I-81 MM 143 NB
Project Length (miles):	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)
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

Source	Amount
GARV	\$23,336,478
TOTAL:	\$23,336,478



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Other
Limits:	<i>From Various to Various</i>
Project Length (miles):	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

Source	Amount
SFTY	\$99,478
TOTAL:	\$99,478



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Other
Limits:	From Various to Various
Project Length (miles):	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

Source	Amount
SFTY	\$18,000
TOTAL:	\$18,000



PROJECT OVERVIEW

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

Route Number:	Route 220
Functional Classification:	Other Principal Arterial
Limits:	From Route 220 4-leg traffic signals between Valley Avenue/Southern Hills Drive and Clearbrook Village Lane/Indian Grave Road to Rte. 862 at the Valley Avenue Intersection
Project Length (miles):	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
Need ID(s) Addressed:	
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

Source	Amount
CPR	\$4,957,445
DEMO	\$5,343,393
NHPP	\$1,199,680
STP	\$800,320
TOTAL:	\$12,300,838



PROJECT OVERVIEW

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

Route Number:	Route 220B
Functional Classification:	Other Principal Arterial
Limits:	From 3100 Block to 220 Franklin Road Bypass
Project Length (miles):	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

Source	Amount
LOC	\$35,033
SFTY	\$451,044
TAP	\$250,000
TOTAL:	\$736,077



PROJECT OVERVIEW

RVTPO ID:	2040.0717.022
State Project Title:	#I81CIP MM 144 TO EXIT 150 ADDING NB AND SB LANES (ID #40)
State ID:	116201
Locality:	Roanoke County
Project Administrator:	VDOT

LOCATION

Route Number:	
Functional Classification:	Interstate
Limits:	From MM 144 to Exit 150
Project Length (miles):	8.31

PROJECT DETAIL

Project Description:	Add NB/SB lanes.
Transportation Solutions Utilized:	New Through Travel Lane
Need Type(s) Addressed:	Congestion
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

Source	Amount
STF	\$326,527,510
TIFIA	\$158,070,000
TOTAL:	\$484,597,510



PROJECT OVERVIEW

RVTPO ID:	2040.0717.021
State Project Title:	#I81CIP ADD NB LANE BETWEEN EXIT 128 AND EXIT 137 (ID #32)
State ID:	116197
Locality:	Roanoke County
Project Administrator:	VDOT

LOCATION

Route Number:	
Functional Classification:	Interstate
Limits:	From Exit 128 to Exit 137
Project Length (miles):	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
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

Source	Amount
STF	\$361,000,000
TOTAL:	\$361,000,000



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Minor Arterial
Limits:	From 0.10 Mile from Int. Rte. 11/460 to 0.18 Mile from Int. Rte. 11/460
Project Length (miles):	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

Source	Amount
BR/BROS	\$382,547
STF	\$1,262,588
TOTAL:	\$1,645,135



PROJECT OVERVIEW

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

Route Number:	Route 419
Functional Classification:	Other Principal Arterial
Limits:	From 0.5 Mi. W. Rte. 220 to 0.23 Mi. E.. Rte. 220
Project Length (miles):	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
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

Source	Amount
GARV	\$6,481,677
NHPP	\$5,175,915
RSTP	\$4,127,706
STM	\$1,031,928
STF	\$2,000,000



Roanoke Valley Transportation
PLANNING ORGANIZATION
affiliated with the
REGIONALcommission

HIP	\$572,232
TOTAL:	\$19,389,458



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Other Principal Arterial
Limits:	From 0.25 Miles N of International Parkway to 0.25 Miles N of International Parkway
Project Length (miles):	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
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

Source	Amount
NHPE	\$100,000
NHPP	\$4,024,083
RSTP	\$240,000
STF	\$611,551
STM	\$60,000
TOTAL:	\$5,035,634



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Other
Limits:	<i>From Various to Various</i>
Project Length (miles):	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)
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

Source	Amount
SFTY	\$394,167
TOTAL:	\$394,167



PROJECT OVERVIEW

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

Route Number:	Route 11
Functional Classification:	Other Principal Arterial
Limits:	From 0.24 mi. N of Rte 623 Dent Road to 0.063 mi. N of Rte 1822 Middleton Road
Project Length (miles):	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

Source	Amount
SFTY	\$2,843,812
TOTAL:	\$2,843,812



PROJECT OVERVIEW

RVTPO ID:	2040.0717.011
State Project Title:	#SMART20 - WILLIAMSON ROAD SIDEWALK IMPROVEMENTS
State ID:	111317
Locality:	Roanoke County
Project Administrator:	VDOT

LOCATION

Route Number:	Route 11
Functional Classification:	Other Principal Arterial
Limits:	From Route 117 (Peters Creek Road) to Route 115 (Plantation Road)
Project Length (miles):	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

Source	Amount
LOC	\$54,356
RTAP	\$131,906
STF	\$491,014
TAP	\$85,518
STP	\$890,133
TOTAL:	\$1,652,927



PROJECT OVERVIEW

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

LOCATION

Route Number:	
Functional Classification:	Other
Limits:	From Lynchburg Turnpike to Texas Street
Project Length (miles):	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)
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, 0, , , , 7A, 7B, 7C, 7D

FUNDING

Source	Amount
RSTP	\$1,681,009
STM	\$420,252
LOC	\$151,317
TOTAL:	\$2,252,578



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Major Collector
Limits:	From West Lee Avenue to 1st Street
Project Length (miles):	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)
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

Source	Amount
RSTP	\$334,088
STM	\$83,522
HIP	\$436,750
CRP	\$200,000
TOTAL:	\$1,054,360



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Minor Arterial
Limits:	From Explore Park to Rutrough Road
Project Length (miles):	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)
Need ID(s) Addressed:	
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

Source	Amount
RSTP	\$2,916,246
STM	\$604,062
CRP	\$1,275,000
TAP	\$248,022
TOTAL:	\$5,043,330



PROJECT OVERVIEW

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

Route Number:	Route 460
Functional Classification:	Major Collector
Limits:	From Orange Avenue to Gainsboro Road/Burrell Street
Project Length (miles):	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

Source	Amount
SFTY	\$93,997
TOTAL:	\$93,997



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Other Principal Arterial
Limits:	From Walrond Drive to Gander Way
Project Length (miles):	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)
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

Source	Amount
LOC	\$162,318
NHPP	\$155,992
STF	\$777,790
STP	\$1,095,316
TOTAL:	\$2,191,416



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Other Principal Arterial
Limits:	From Mason Creek Greenway to Hanging Rock Battlefield Trail
Project Length (miles):	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)
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

Source	Amount
NHPP	\$1,691,000
STP	\$150,000
STF	\$508,749
TOTAL:	\$2,349,749



PROJECT OVERVIEW

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

Route Number:	Route 460
Functional Classification:	Other Principal Arterial
Limits:	From 0.2 mi. west of Orange Avenue / Hollins Road intersection to Intersection of Hollins Road and McDowell Avenue
Project Length (miles):	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, 0, 7C, 7D

FUNDING

Source	Amount
NHPP	\$1,000,000
RS	\$1,000,000
STF	\$510,870
STP	\$1,707,167
HIP	\$1,004,331
TOTAL:	\$5,222,368



PROJECT OVERVIEW

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

Route Number:	Route 460
Functional Classification:	Minor Arterial
Limits:	From N. Market Street to Thompson Memorial Drive
Project Length (miles):	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
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

Source	Amount
NHPP	\$3,002,489
STF	\$993,392
LOC	\$1,444,796
TOTAL:	\$5,440,677



PROJECT OVERVIEW

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

LOCATION

Route Number:	
Functional Classification:	Off-Rd
Limits:	<i>From to</i>
Project Length (miles):	0.00

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)
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, , , 7A, 7B, 7C,

FUNDING

Source	Amount
LOC	\$254,213
RTAP	\$536,720
TAP	\$100,000
TOTAL:	\$890,933



PROJECT OVERVIEW

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

Route Number:	Route 419 and Route 220
Functional Classification:	Other
Limits:	From Springwood Park - McVitty Road to Carriage Lane - Valley Drive
Project Length (miles):	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
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

Source	Amount
NHPP	\$350,668
STF	\$291,229
TOTAL:	\$641,897



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Interstate
Limits:	From Exit 143 to Exit 141
Project Length (miles):	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)
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

Source	Amount
GARV	\$11,582,865
NHFP	\$2,213,207
STF	\$33,013
TOTAL:	\$13,829,085



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Major Collector
Limits:	<i>From 5th Street to City/Town limit</i>
Project Length (miles):	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

Source	Amount
RSTP	\$1,654,512
STM	\$413,630
CRP	\$200,000
TOTAL:	\$2,268,142



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Interstate
Limits:	From I-81 Exit 143 to I-81 Exit 141
Project Length (miles):	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, 0, 6B, 6C, , 0, ,

FUNDING

Source	Amount
NHPP	\$6,220,561
TOTAL:	\$6,220,561



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Major Collector
Limits:	From Buck Mountain Road to
Project Length (miles):	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 ImprovementNew SidewalkNew Bike Lane
Need Type(s) Addressed:	System Management (operations, assets)
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

Source	Amount
RS	\$1,146,556
RSTP	\$1,678,493
STF	\$2,992,641
STM	\$419,622
TOTAL:	\$6,237,312



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Major Collector
Limits:	From Hardy Road to Dillon Drive
Project Length (miles):	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

Source	Amount
LOC	\$307
SFTY	\$398,529
RSTP	\$13,214
STM	\$3,304
TOTAL:	\$415,354



PROJECT OVERVIEW

RVTPO ID:	2045.0220.007
State Project Title:	#SMART24 - STARS 460/ORANGE AVE - PLANTATION RD IMPROVEMENTS
State ID:	T27834
Locality:	
Project Administrator:	

LOCATION

Route Number:	460
Functional Classification:	
Limits:	From Kimball Avenue to Plantation Road
Project Length (miles):	0.00

PROJECT DETAIL

Project Description:	The proposed improvements for this project include widening the northbound Kimball Avenue and southbound Plantation Road approaches to Route 460 to provide three approach lanes. The northbound approach would be widened within the median along Kimball Avenue to provide a left-turn lane, a through lane, and a right-turn lane. The southbound approach would be widened to provide a left-turn lane, a through lane, and a shared through/right-turn lane. In addition, the westbound Route 460 left turn lane is proposed to be extended to the railroad overpass to reduce the potential for left-turning vehicles extending out of the turn lane, which was observed under existing conditions. https://smartportal.virginiahb2.org/#/forms/ss/2024/full/F42-0000009753-R01/#general
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

RVTPO ID:	2045.0220.005
State Project Title:	#SMART24 - I-581/US 460/US 11 IMPROVEMENTS
State ID:	T27867
Locality:	
Project Administrator:	

LOCATION

Route Number:	
Functional Classification:	
Limits:	From US Route 460 to US Route 11
Project Length (miles):	0.00

PROJECT DETAIL

Project Description:	The STARS Route 460 (Orange Avenue) study has identified operational and safety issues for the 460 corridors. The study's findings suggest improvements proposed for the Orange Ave and Williamson Rd intersection, including two signalized off-ramps (NB and SB) from I-581, an additional eastbound left-turn lane, and additional lanes on Williamson Rd north of the intersection. These solutions mitigate the identified safety issues, improve traffic operations, and alleviate congestion. As noted in the STARS Route 460 (Orange Avenue) study, the I-581 interchange at Route 460 has vehicular, pedestrian, and bicycle-related safety and congestion issues. This project will provide solutions to mitigate the safety issues for all users, provide additional travel mode choices, improve traffic operations, and alleviate congestion. https://smartportal.virginiahb2.org/#/forms/ss/2024/full/F42-0000009778-R01/#general
Transportation Solutions Utilized:	
Need Type(s) Addressed:	Congestion
Need ID(s) Addressed:	N_1652_T
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
RSTP	\$7,000,000
TOTAL:	\$7,000,000



PROJECT OVERVIEW

RVTPO ID:	2045.0126.004
State Project Title:	STIP-MN Salem: Preventive MN and System Preservation
State ID:	T142722
Locality:	Salem District-wide
Project Administrator:	VDOT

LOCATION

Route Number:	
Functional Classification:	
Limits:	<i>From to</i>
Project Length (miles):	0.00

PROJECT DETAIL

Project Description:	A bucketed variety of projects throughout the VDOT Salem District (to include the Roanoke Urbanized Area) area wide programs for cleaning drainage facilities, corrosion protection activities, and highway sign face cleaning. Pavement preservation projects that extend pavement life between two and 10 years. This also includes pavement resurfacing, restoration, and rehabilitation activities.
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

RVTPO ID:	2045.0328.002
State Project Title:	VINYARD ROAD PEDESTRIAN SAFETY IMPROVEMENT PROJECT (PE ONLY)
State ID:	T29310
Locality:	Town of Vinton
Project Administrator:	

LOCATION

Route Number:	
Functional Classification:	Local
Limits:	<i>From Vinyard Road (McDonald's) to Vinyard Road (Clearview Manor Apartments)</i>
Project Length (miles):	0.20

PROJECT DETAIL

Project Description:	Include pedestrian accommodations (sidewalks, ADA ramps/curb cuts, crosswalks) and the reconstruction of commercial entrances along the corridor to improve pedestrian access/safety, and transit access, in addition to reducing congestion.
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
STBG	\$356,000
TOTAL:	\$356,000



PROJECT OVERVIEW

RVTPO ID:	2045.0126.003
State Project Title:	STIP-MN Salem: Preventive MN for Bridges Primary
State ID:	T14721
Locality:	Salem District-wide
Project Administrator:	VDOT

LOCATION

Route Number:	
Functional Classification:	
Limits:	<i>From to</i>
Project Length (miles):	0.00

PROJECT DETAIL

Project Description:	A bucketed variety of projects throughout the VDOT Salem District (to include the Roanoke Urbanized Area) which can include: sealing, replacement, and reconstruction of joints, deck overlays, painting, corrosion protection, retrofit of fracture critical members and fatigue prone details, and some concrete repairs). Also included are bridge safety inspections.
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

RVTPO ID:	2045.0220.006
State Project Title:	
State ID:	T27836
Locality:	City of Roanoke
Project Administrator:	

LOCATION

Route Number:	460
Functional Classification:	
Limits:	From 11th St NE to 24th St NE
Project Length (miles):	0.00

PROJECT DETAIL

Project Description:	Install an RCUT at 11th St, install EB channelized left turn lane at United Rentals, extend EB left turn lane at 13th St, extend WB left turn lane at 13th St, add second left turn lane on 13th St at both approaches with US-460, close two existing crossovers near Blue Stone Block, convert existing crossover at Walton St to channelized WB left turn only, convert existing crossover east of 20th street for use as a U-turn, convert existing crossover at 20th Street to channelized EB left turn only, install thru-cut at US-460 and Gus Nicks Blvd. Close Archbold Ave at 13th St and install a cul-de-sac, extend Archbold Ave from 20th St to mall parking lot, acquire and improve roadway in mall parking lot between Archbold Ave extension and 24th St, close crossover at 24th St to extend WB left turn lane. Install crosswalks, pedestrian refuges, pedestrian signals, and ADA ramps and reconstruct sidewalk at both signalized intersections. https://smartportal.virginiahb2.org/#/forms/ss/2024/full/F42-0000009541-R01/
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	N_1652_T
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
RSTP	\$4,666,196



Roanoke Valley Transportation
PLANNING ORGANIZATION
affiliated with the
REGIONALCOMMISSION

Federal	\$21,000,000
State	\$2,286,000
TOTAL:	\$27,952,196



PROJECT OVERVIEW

RVTPO ID:	2045.0126.002
State Project Title:	
State ID:	T14720
Locality:	Salem District-wide
Project Administrator:	VDOT

LOCATION

Route Number:	
Functional Classification:	
Limits:	<i>From to</i>
Project Length (miles):	0.00

PROJECT DETAIL

Project Description:	A bucketed variety of projects throughout the VDOT Salem District (to include the Roanoke Urbanized Area) which can include signs, traffic signals, pavement markings and markers, guardrail, replacement/preventive maintenance of roadway lighting, maintenance/replacement/upgrade of traffic calming devices, etc.
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

RVTPO ID:	2045.0719.001
State Project Title:	Tinker Creek Trail Extension Phase 2B
State ID:	T29075
Locality:	City of Roanoke
Project Administrator:	

LOCATION

Route Number:	Rte. 460
Functional Classification:	Off-Rd
Limits:	<i>From 13th Street to Orange Avenue</i>
Project Length (miles):	0.00

PROJECT DETAIL

Project Description:	
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

RVTPO ID:	2045.0220.003
State Project Title:	#SMART24 - RTE 419/ELECTRIC RD STONEYBROOK-GRANDIN RD EXT
State ID:	T27847
Locality:	Roanoke County
Project Administrator:	Not Assigned

LOCATION

Route Number:	
Functional Classification:	Other Principle Arterial
Limits:	From Stoneybrook Drive to Grandin Road Extension
Project Length (miles):	0.32

PROJECT DETAIL

Project Description:	Route 419/Electric Road Safety Improvements, Stoneybrook Road to Grandin Road Extension. This project proposes to modify the Stoneybrook Drive and Glen Heather Drive intersections to Restricted Crossing U-Turn (RCUT) intersections. Sidewalk is also proposed along the western side of Route 419 between Glen Heather Drive and Grandin Road Extension.
Transportation Solutions Utilized:	Intersection Reconfiguration (install new signal or innovative intersection) New Sidewalk
Need Type(s) Addressed:	Safety (auto)
Need ID(s) Addressed:	N_59_1_P_S
Anticipated Transportation Benefits:	Benefits: Pedestrians will be able to walk more safely on Electric Road between the neighborhood off of Stoneybrook Road to the shopping area around Grandin Road Extension. Motorists will be safer due to the inability of vehicles to turn left onto Route 419 from Stoneybrook Road or from Glen Heather Drive because of poor sight distance at these locations. Burdens: Motorists will need to get used to turning right and making a U-turn rather than turning left directly onto Route 419. Few pedestrians currently on this corridor, may have greater use with more development and other multimodal connections.
Anticipated Objectives Met:	1AA, , , , , 3D, , , 5A, , , 6C, 7A, , 7C,

FUNDING

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

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

Route Number:	Route 460
Functional Classification:	Local
Limits:	From 0.7 mi. Route 460 to 0.0 mi. Mason Mill Road
Project Length (miles):	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

Source	Amount
TOTAL:	\$0



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Minor Arterial
Limits:	From Brambleton Avenue to Blenheim Road
Project Length (miles):	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

Source	Amount
TBD	\$3,904,654
TOTAL:	\$3,904,654



PROJECT OVERVIEW

RVTPO ID:	2040.0717.238
State Project Title:	GLADE CREEK GREENWAY PHASE 3 PE/STUDY
State ID:	T26750
Locality:	Town of Vinton
Project Administrator:	Not Assigned

LOCATION

Route Number:	
Functional Classification:	Other
Limits:	<i>From Gus Nicks Boulevard & Pollard Street to Vinyard Park</i>
Project Length (miles):	0.00

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)
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

Source	Amount
RSTP	\$275,000
TOTAL:	\$275,000



PROJECT OVERVIEW

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

LOCATION

Route Number:	Route 220
Functional Classification:	Major Collector
Limits:	<i>From Tinker Mountain Drive to Catawba Road</i>
Project Length (miles):	1.09

PROJECT DETAIL

Project Description:	Safety
Transportation Solutions Utilized:	Intersection Reconfiguration (install new signal or innovative intersection)
Need Type(s) Addressed:	Congestion
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

Source	Amount
RSTP	\$924,000
STM	\$184,800
TOTAL:	\$1,108,800



PROJECT OVERVIEW

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

Route Number:	Route 419
Functional Classification:	Minor Arterial
Limits:	From Route 311 Orange Market P&R to Kessler Mill Road
Project Length (miles):	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)
Need ID(s) Addressed:	
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, , , 7A, 7B, 7C,

FUNDING

Source	Amount
RSTP	\$1,774,858
STM	\$68,715
TOTAL:	\$1,843,573



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Other
Limits:	<i>From Various to Various</i>
Project Length (miles):	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

Source	Amount
TBD	\$500,000
TOTAL:	\$500,000



PROJECT OVERVIEW

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

Route Number:	
Functional Classification:	Other
Limits:	<i>From Various to Various</i>
Project Length (miles):	0.00

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

Source	Amount
TBD	\$480,000
TOTAL:	\$480,000



PROJECT OVERVIEW

RVTPO ID:	2045.0220.010
State Project Title:	
State ID:	GRT0011
Locality:	Systemwide
Project Administrator:	Valley Metro

LOCATION

Route Number:	
Functional Classification:	Transit
Limits:	<i>From to</i>
Project Length (miles):	0.00

PROJECT DETAIL

Project Description:	Valley Metro's Real-Time Transit Passenger Information (RTPI) service VMGO App and transfer station computer systems.
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
RSTP	\$320,000
State	\$80,000
TOTAL:	\$400,000



PROJECT OVERVIEW

RVTPO ID:	2040.0717.163 - 2040.0717.196
State Project Title:	Operating Assistance
State ID:	GRT0001
Locality:	City of Roanoke
Project Administrator:	Valley Metro

LOCATION

Route Number:	
Functional Classification:	Transit
Limits:	From Downtown Roanoke, Various to Various
Project Length (miles):	0.00

PROJECT DETAIL

Project Description:	See the list of all fixed-route buses, SmartWay Base, Express and Connector and Starline Trolley.
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, , , 7A, 7B, ,

FUNDING

Source	Amount
FTA 5307	\$13,543,931
FTA 5311	\$1,416,000
State	\$12,400,000
Local	\$6,800,000
Revenues	\$9,256,000
TOTAL:	\$43,415,931



PROJECT OVERVIEW

RVTPO ID:	2040.0717.197
State Project Title:	Preventative Maintenance
State ID:	GRT0002
Locality:	City of Roanoke
Project Administrator:	Valley Metro

LOCATION

Route Number:	
Functional Classification:	Transit
Limits:	<i>From to</i>
Project Length (miles):	0.00

PROJECT DETAIL

Project 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

Source	Amount
FTA 5307	\$3,972,349
State	\$0
Local	\$719,060
TOTAL:	\$4,691,409



PROJECT OVERVIEW

RVTPO ID:	2040.0717.198
State Project Title:	Replacement Bus
State ID:	GRT0003
Locality:	City of Roanoke
Project Administrator:	Valley Metro

LOCATION

Route Number:	
Functional Classification:	Transit
Limits:	<i>From to</i>
Project Length (miles):	0.00

PROJECT DETAIL

Project 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

Source	Amount
FTA 5339	\$97,200
FTA 5307	\$2,072,000
STBG	\$4,768,121
State	\$6,472,431
Local	\$310,400
TOTAL:	\$13,720,152



PROJECT OVERVIEW

RVTPO ID:	2040.0717.201
State Project Title:	Support Vehicles
State ID:	GRT0004
Locality:	City of Roanoke
Project Administrator:	Valley Metro

LOCATION

Route Number:	
Functional Classification:	Transit
Limits:	<i>From to</i>
Project Length (miles):	0.00

PROJECT DETAIL

Project 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

Source	Amount
FTA 5339	\$192,000
Flexible STP	\$0
State	\$24,000
Local	\$24,000
TOTAL:	\$240,000



PROJECT OVERVIEW

RVTPO ID:	2040.0717.204
State Project Title:	Shop Equipment
State ID:	GRT0009
Locality:	Systemwide
Project Administrator:	Valley Metro

LOCATION

Route Number:	
Functional Classification:	Transit
Limits:	From to
Project Length (miles):	0.00

PROJECT DETAIL

Project 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:	0, , 2B, , 3B, , , 4A, , 5A, , , , , 7B, , 7D

FUNDING

Source	Amount
FTA 5339	\$72,200
State	\$41,400
Local	\$16,400
TOTAL:	\$130,000



PROJECT OVERVIEW

RVTPO ID:	2040.0717.203
State Project Title:	Rehab/ Renovations of Admin/ Maint Bldg
State ID:	GRT0006
Locality:	City of Roanoke
Project Administrator:	Valley Metro

LOCATION

Route Number:	
Functional Classification:	Transit
Limits:	<i>From to</i>
Project Length (miles):	0.00

PROJECT DETAIL

Project Description:	Purchase and development of a construction maintenance service lot, adjacent to the current Valley Metro admin building.
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:	0, , 2B, , 3B, , , 4A, , 5A, , , , , 7B, , 7D

FUNDING

Source	Amount
FTA 5307	\$80,000
State	\$690,000
Local	\$20,000
TOTAL:	\$790,000



PROJECT OVERVIEW

RVTPO ID:	2045.0126.001
State Project Title:	
State ID:	GRT0010
Locality:	Systemwide
Project Administrator:	Valley Metro

LOCATION

Route Number:	
Functional Classification:	Transit
Limits:	<i>From to</i>
Project Length (miles):	0.00

PROJECT DETAIL

Project Description:	Electric charging stations and equipment designed to accommodate future electric bus purchases.
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
FTA 5307	\$140,000
State	\$340,000
Local	\$20,000
TOTAL:	\$500,000



PROJECT OVERVIEW

RVTPO ID:	2045.0220.009
State Project Title:	
State ID:	GRT0007
Locality:	City of Roanoke
Project Administrator:	Valley Metro

LOCATION

Route Number:	
Functional Classification:	Transit
Limits:	<i>From to</i>
Project Length (miles):	0.00

PROJECT DETAIL

Project Description:	A construction maintenance service lot designed for vehicles, equipment, and other maintenance related activities at Valley Metro.
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
FTA 5339	\$680,000
State	\$280,000
Local	\$40,000
TOTAL:	\$1,000,000



PROJECT OVERVIEW

RVTPO ID:	2045.0126.005
State Project Title:	ADP Hardware
State ID:	GRT0008
Locality:	City of Roanoke
Project Administrator:	Valley Metro

LOCATION

Route Number:	
Functional Classification:	Transit
Limits:	<i>From to</i>
Project Length (miles):	0.00

PROJECT DETAIL

Project Description:	Purchase of Automated Data Processing hardware of administrative purposes at Valley Metro.
Transportation Solutions Utilized:	
Need Type(s) Addressed:	
Need ID(s) Addressed:	
Anticipated Transportation Benefits:	
Anticipated Objectives Met:	

FUNDING

Source	Amount
FTA 5339	\$16,000
Local	\$4,000
TOTAL:	\$20,000



PROJECT OVERVIEW

RVTPO ID:	2040.0717.202
State Project Title:	Bus Stop Enhancements
State ID:	GRT0005
Locality:	City of Roanoke
Project Administrator:	Valley Metro

LOCATION

Route Number:	
Functional Classification:	Transit
Limits:	<i>From to</i>
Project Length (miles):	0.00

PROJECT DETAIL

Project 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

Source	Amount
FTA 5339	\$221,917
State	\$310,500
Local	\$43,583
TOTAL:	\$576,000



PROJECT OVERVIEW

RVTPO ID:	2040.0717.216
State Project Title:	Paratransit Vehicles
State ID:	RAD0001
Locality:	Roanoke County
Project Administrator:	RADAR

LOCATION

Route Number:	
Functional Classification:	Transit
Limits:	From to
Project Length (miles):	0.00

PROJECT DETAIL

Project 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

Source	Amount
FTA 5310	\$512,000
State	\$0
Local	\$128,000
TOTAL:	\$640,000



PROJECT OVERVIEW

RVTPO ID:	2040.0717.218
State Project Title:	Capital Assistance
State ID:	ROA0001
Locality:	Roanoke County
Project Administrator:	Roanoke County

LOCATION

Route Number:	
Functional Classification:	Transit
Limits:	From Roanoke County, Town of Vinton to Roanoke County, Town of Vinton, City of Salem, City of Roanoke
Project Length (miles):	0.00

PROJECT DETAIL

Project 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, , , 7A, 7B, ,

FUNDING

Source	Amount
FTA 5310	\$1,348,000
State	\$269,000
Local	\$67,000
TOTAL:	\$1,684,000



Roanoke Valley Transportation
PLANNING ORGANIZATION
affiliated with the
REGIONALcommission