

**Richmond Area MPO
Initial Draft Candidate Project List for 2035 LRTP**

*Please note that cost estimates may not be current and are subject to change

Jurisdiction/ Type	Route	Road Name	UPC	Description	Termini	Cost Estimate (X1000)
Town of Ashland						
Ashland	1	U.S. Rte 1		Widen to 6 Lanes - PE - to match Hanover Co. project south of Corp. Limits	Ashcake Rd to S. Corp Limits	
Ashland	1	U.S. Rte 1		Reconstruction	Rte. 54 to Archie Cannon Road	\$29,100
Ashland	1	U.S. Rte 1		Reconstruction	Archie Cannon Road to N. Corp Limits	\$56,900
Ashland	54	Rt. 54		Expand existing road, including bridge	Eastern Town limits to S-bound I-95 on ramp	
Ashland		Amtrak Station Improvements		Parking and ADA access to train	Ashland	\$2,200
Ashland		Ashcake Road Improvements		Based on Corridor Study in progress Sept. 2011	E Corp. Limits to W. Corp. Limits	
Ashland		England St/Railroad Ave		Enhancement project	England St from Rt.1 to Duncan St/Railroad from England to Mrytle St.	
Ashland		Hill Carter Pkwy N. Ext./SB I-95 Exit		New 2/4 lane facility + I-95 Exit Ramp -PE	Kitty Hamilton Lane to Quarles Road/TBD based on location of Exit Ramp	\$19,900
Ashland		I-95 S-Bound		South bound on and off ramp improvments		\$500
Ashland		James/Patrick/Snead Sts		Reconfiguration	Intersection	\$400
Ashland		Medical Drive		Widening & Re-align	Town of Ashland WCL to Thompson Street (Rt 54)	
Ashland		Railroad Crossing Gates		Double Crossing Gates for additional safety for high speed rail	All Crossings	
Ashland		Townwide Circulator		Ashland Transit Service		\$625
Ashland		Vaughan Rd		Grade Separation	at CSX RR Crossing	\$26,500
Ashland		Vaughan Rd Extended		New 2 lane facility	James Street North to Thompson Street	\$39,700
Charles City County						
Charles City	5	Rte 5		Phase 1 (Widen VA Rte 5 3 ft each side)	Chickahominy River to Long Bridge Rd	\$15,000
Charles City	155	Courthouse Road		VA CAPITAL TRAIL EXTENSION CHARLES CITY COUNTY	Lott Cary Rd (VA 602) to Rivers Rest Drive	
Charles City	602	Rte 602		Widening	Adkins Store to Rte 155	\$1,000
Charles City	607	Wayside Rd		Reconstruction	Barnetts Rd (VA 609) to Stagg Run Rd (VA 642)	\$1,600
Charles City	623	Willcox Neck Road		VA CAPITAL TRAIL EXTENSION CHARLES CITY COUNTY	Rte 5 to Countyline (Chickahominy River)	
Chesterfield County						
Chesterfield	10	Route 10		Widen to 6 Lanes	Route 288 to Frith Ln	\$19,000
Chesterfield	10	Route 10		Right turn lane	at Bradley Bridge Rd	\$300
Chesterfield	10	Route 10		Widen to 6 Lanes	Route 1 to I-95	\$4,000
Chesterfield	60	Midlothian Tpke.		Widen 4 to 6	Old Buckingham Rd (VA 677) to Courthouse Rd (VA 653)	\$10,560
Chesterfield	60	Midlothian Tnpk		Widening	Rt 288-Rt 714	\$5,698

Jurisdiction/ Type	Route	Road Name	UPC	Description	Termini	Cost Estimate (X1000)
Chesterfield	76	Powhite Pkwy.		Widen to 6 Lanes	Chippenham Pkwy. (VA 150) to Midlothian Tpke (US 60)	\$120,000
Chesterfield	76	Powhite Pkwy.		Sight and Sound Barriers		
Chesterfield	288	Rt. 288		Sight and Sound Barriers		
Chesterfield	288			Widening	Rt 360 to Rte 76	
Chesterfield	288/360	Route 288/Route 360		Interchange Improvements		
Chesterfield	360	Hull Street Rd		Widen 4 to 8	Otterdale Rd (VA 667) to Winterpock Rd (VA 621)	\$14,752
Chesterfield	360	Hull Street Rd		Widen to 6 Lanes	VA 288 to Genito Rd (VA 604)	\$14,600
Chesterfield	360	Hull Street Rd		Express Bus Service		\$400k/yr
Chesterfield	360	Hull Street Rd		Widening	Rt 150 to Walmsely Blvd	
Chesterfield	618	Old Bermuda Hundred Rd		Reconstruction	Golf Course Rd (VA 620) to E. Hundred Rd (VA 10)	\$869
Chesterfield	618	Old Bermuda Hundred Rd		Reconstruction	Old Stage Rd (VA 732) to Jefferson Davis Hwy (US 1)	\$700
Chesterfield	632	Lewis Rd		Reconstruction	Bradley Bridge Rd (VA 631) to Iron Bridge Rd (VA 10)	\$3,000
Chesterfield	636	Nash Rd		Widen Existing 2-Lane	Reedy Branch Rd (VA 635) to Woodpecker Rd (VA 626)	\$5,280
Chesterfield	636	Nash Rd		Widen Existing 2-Lane	Eastfair Rd to Woodpecker Rd (VA 626)	\$3,952
Chesterfield	641	Beulah Rd		Reconstruction	Cinderwood Dr. to Hopkins Rd (VA 637)	\$3,320
Chesterfield	649	Newbys Bridge Rd		Widen Pvmnt, Shoulders, Horizontal Alignment	Hagood Rd to Falling Creek	\$9,737
Chesterfield	651	Newbys Bridge Rd		Reconstruction	0.5 mile East of Qualla Rd (VA 653) to Courthouse Rd (VA 604)	\$5,390
Chesterfield	652	Old Hundred Rd		Reconstruction	Dry Bridge Rd (VA 685) to Otterdale Rd (VA 667)	\$8,000
Chesterfield	653	Qualla Rd		Reconstruction	Beach Rd (VA 655) to Trailwood Dr (SR 1260)	\$1,400
Chesterfield	653	Qualla Rd		Reconstruction	Trailwood Dr (SR 1260) to Spring Run (SR 654)	\$3,000
Chesterfield	653	Courthouse Rd		Widen to 6 Lanes	Smoketree Dr. to Lucks La. (VA 720)	\$5,070
Chesterfield	653	Courthouse Rd		Widen to 6 Lanes	Providence Rd (VA 678) to Hull Street Rd (US 360)	\$8,442
Chesterfield	654	Bailey Bridge Rd		Reconstruction	Bailey Br (0.3 mi west of Rt. 288) to Spring Run Rd (VA 662)	\$8,690
Chesterfield	655	Beach Rd		Widen to 4 Lanes	Nash Rd (VA 636) to Iron Bridge Rd (VA 10)	\$6,800
Chesterfield	662	Spring Run Rd		Widen to 4 Lanes	Hull Street Rd (US 360) to Bailey Bridge Rd (VA 654)	\$9,130
Chesterfield	678	Providence Rd		Reconstruction	Courthouse Rd (VA 653) to Hicks Rd (VA 647)	\$5,390
Chesterfield	678	Providence Rd		Reconstruction	Hicks Rd (VA 647) to Midlothian Tpke (US 60)	\$5,610
Chesterfield	711	Robious Rd		Reconstruction	Powhatan C.L. to Riverdowns S Drive	\$3,300
Chesterfield	720	Lucks La.		Widen to 4 Lanes	Spirea Rd to Route 288	\$5,766
Chesterfield	754	Old Hundred Rd		Widen to 4 Lanes	Genito Rd (VA 604) to Brandermill Pkwy.	\$3,200
Chesterfield		Beach Road		Shoulders	Nash Road to Woodland Pond Pkwy	\$7,000
Chesterfield		Beulah Road		Reconstruction	Kingsland Road to Summerleaf Dr.	\$12,000

Jurisdiction/ Type	Route	Road Name	UPC	Description	Termini	Cost Estimate (X1000)
Chesterfield		Hensley Road		Reconstruction	Beach Road to Springford Pkwy	\$9,000
Chesterfield		Hicks Road		Reconstruction	Providence Road to Route 360	\$13,000
Chesterfield		Old Bon Air Road	Existing Rev Shg project	Curve Improvement	at Groundhog	\$9,000
Chesterfield		Otterdale Road		Reconstruction	Genito Road to Woolridge Road	\$12,000
Chesterfield		Park & Ride			Countywide	
Chesterfield		Qualla Rd		Reconstruction	Spring Run (SR 654) to Claypoint (SR 651)	\$2,500
Chesterfield		Reams Road		Reconstruction	Courthouse Road to Adkins Road	\$13,000
Chesterfield		Urban Freeways/ Expressways, Urban Principal Arterials, etc.	Route 288 and Route 360	Capacity and Safety Improvements, could include Interchange improvements, road widening, intersection improvements, etc.	Solutions that would improve operations of Route 288/360 interchange: Route 288- From Lucks Lane; Route 360- From Warbro Road; Rt 288-to Bailey Bridge Rd; Rt 360- to Otterdale Rd	
Chesterfield		Winterpock Road		Widen to 4 Lanes	Route 360 to Springford Pkwy	\$29,000
Goochland County						
Goochland	6	Patterson Ave.		Widen to 4 Lanes	Bridge to Genito Creek	\$680
Goochland	250	Broad St Rd		Improve Intersection	Rte. 623 (Hockett Rd.) to Rte. 623	\$650
Goochland	288			Interchange modification report	At Broad St (Rt 250)	
Goochland	64			Interchange modification report	at Ashland Road (State Route 623)	
Goochland	64			Interchange modification report	At Oilville Road (State Route 617)	
Goochland	617	Oilville Rd		Widen to 4 Lanes	Broad St. (US 250) to I-64	\$1,900
Goochland	623	Ashland Rd		Widen to 4 Lanes	I-64 to Broad St. (US 250)	\$3,400
Goochland	623	Hockett Rd		Reconstruction	Broad St. (US 250) to 0.25 mi S. Broad St. (US 250)	\$550
Goochland	649	Blair Rd		Reconstruction	Patterson Ave (VA 6) to River Rd (VA 650)	\$1,400
Goochland	650	River Rd West		Improve Intersection	Rte 6 (Patterson Avenue)	\$500
Goochland	740	Tuckahoe Creek Parkway		Improve Intersection	Rte. 676 (Hermitage Rd)	\$500
Goochland	1250	West Creek Parkway		Improve Intersection	Rte 6 (Patterson Ave)	\$150
Goochland				Road and bridge study	Bridge connection Tuckahoe Creek Pkwy (Rt 740) to Ridgefield Pkwy (Henrico Co)	
Hanover County						
Hanover	33	Mountain Rd		Add Turn Lanes	At Rt. 715 (Beaver Dam Rd/Clazemont Rd)	\$750
Hanover	54	E. Patrick Henry Rd		Add Left Turn Lane	At Goddins Hill Rd (Rt. 798)	\$500
Hanover	606	Studley Rd		Intersection Improvements	At Rural Point Rd	\$500
Hanover	623	Cedar Ln		New Alignment	Rt. 1 to Cedar Ln	\$4,500
Hanover	641	Elletts Crossing Rd	57380	Reconstruction	Rt. 1 to 0.1 Mi. N. Rt. 1	\$500
Hanover	643	New Ashcake Rd		New Facility	Sliding Hill Rd (Rt. 656) to Lewistown Rd (Rt. 802)	\$13,000
Hanover	782	N. Lakeridge Pkwy		New Facility	Rt. 1 to 0.5 Mi. W. Rt. 1	\$2,500
Hanover	623/666	Ashland Rd		Shoulder Wedge	Hanover/Goochland C.L. to Ashcake Rd (Rt. 657)	\$1,135
Hanover	N/A	Countywide		Shoulder Wedge	Secondary System - Co. Major Thoroughfare Plan Roads	\$1,000

Jurisdiction/ Type	Route	Road Name	UPC	Description	Termini	Cost Estimate (X1000)
Henrico County						
Henrico	5	Route 5		Widening	Laburnum Ave to Osborne Tpke	\$17,800
Henrico	60	Williamsburg Road		Widening	Airport Dr to Beulah Rd	\$23,100
Henrico	271	Pouncey Tract		Widening	Bacova to Nuckols Rd	\$16,500
Henrico		Amtrak Station Improvements		Expanded Parking	Greendale (Staples Mill)	\$5,000
Henrico		ATMS - Phase 2		Signal System and ITS	Countywide	\$7,000
Henrico		Charles City Road		Widening	Williamsburg Rd to Laburnum Ave	\$13,500
Henrico		Concept Road 107		New 2 lane Facility	Richmond-Henrico Tpke to Wilkinson Rd	\$2,400
Henrico		Cox Road Bridge		Bridge Widening/Rehab.	at I-64	\$8,100
Henrico		Darbytown Rd		Widening	Richmond City limits to Laburnum Ave	\$12,700
Henrico		Lauderdale Drive		Widening	Patterson to Old Compton	\$8,800
Henrico		Meadow Road extension		New 4 lane Facility	Hanover Rd to S. Airport Drive	\$1,300
Henrico		Memorial Dr/Poplar Spring Rd		Widening	Charles City Rd to Technology Dr	\$11,000
Henrico		N. Gayton Road		Widening	Causeway Dr to Lauderdale Dr	\$2,100
Henrico		New Osborne Tpke		Widening	Richmond City limits to Route 5	\$2,000
Henrico		Nuckols Rd		Widening	Cox Rd to Shady Grove Rd	
Henrico		Parham Rd/Patterson Ave		Parham Rd and Patterson Ave Intersection Improvements (CN)	Parham Rd at Patterson Ave	\$6,600
Henrico		Park Central Drive extension		New 2 lane Facility	Park Central Dr to Magellan Pkwy	\$1,000
Henrico		Seven Hills Rd		Extension	Laburnum Rd to Charles City Rd	\$2,800
Henrico		Shady Grove Road		Widening	Twin Hickory Rd to Old Nuckols Rd	\$6,400
Henrico		Springfield Road		New Facility/realign/widening (RW & CN)	Nuckols to Rt 33 (Staples Mill Rd)	\$20,000
Henrico		St. Charles Road extension		New 2 lane Facility	St. Charles Rd to Magellan Pkwy	\$2,400
Henrico		Staples Mill Road		Widening	Bethlehem Rd to Dickens Rd	\$1,500
Henrico		Watts Lane		Extension	Sandy Ln to 0.13 east of Sandy Ln	\$700
New Kent County						
New Kent	60	Pocohontas Trail		Sidewalks, Lighting, On-Street Parking, Median Improvements	Boulevard Rd (VA 629) to 0.75 mi E of Courthouse Rd (VA 155)	\$6,500
New Kent	106	Emmaus Church Rd		TWLTL, Shoulder Improvements	I-64 to 0.5 mi S of I-64	\$3,050
New Kent	155	Courthouse Rd		Grade Separation	at CSX RR Crossing	\$3,500
New Kent	155	Courthouse Rd		Courthouse to Courthouse Connector Bike/Ped Facility	Charles City C.L. to New Kent Hwy (VA 249)	\$800
New Kent	249	New Kent Hwy		Shoulder and Intersection Improvement	Intersection at Old Roxbury Rd (VA 640)	\$1,500
New Kent	613	Dispatch Rd		Safety and Shoulder Improvements	Hanover C.L. to Quaker Rd (VA 611)/New Kent Hwy (VA 249)	\$4,800
New Kent	629	Boulevard Rd		Passenger Rail Station	0.15 mi E of Courthouse Rd (VA 155)	

Jurisdiction/ Type	Route	Road Name	UPC	Description	Termini	Cost Estimate (X1000)
New Kent	665	Henpeck Rd		Safety and Shoulder Improvements	Quaker Rd (VA 611) to Quinton Rd (VA 640)	\$4,100
New Kent	1010	Colony Trail		Grade Separation	at CSX RR Crossing	\$2,500
New Kent		Bottoms Bridge Park and Ride Lot		Sidewalks/Streetscaping	2,100 ft W of Intersection of Rts 60 and 249 to Intersection of Rts 60 & 1232	\$4,200
New Kent		Old Church Rd		Bikeway	Bike lanes from SR 249/SR 106/SR 609 roundabout to Hanover County Line	\$17,350
New Kent		Olivet Church Rd		Bikeway	Bike lanes from SR 249/618 to US 60	\$13,600
New Kent		Providence Forge Rd		Underground Wiring/Streetscape Improvements	0.8 mi. W of intersection of US/60 and SR 155 to 1.2 mi. E of Intersection	\$9,850
New Kent		Virginia Scenic Byways		Preservation Buffer	Purchase of conservation easements extending back 150'-200' along designated VSBs	\$28,800
Powhatan County						
Powhatan	13	Old Buckingham Rd.		Widen Rt. 13, straighten and realign intersections and add turn lanes as needed (MTP Project #31); NOTE -- Only a portion of this project from US 60 to Rt. 609 is in the MPO (on boundary), approx. 6.1 miles	From US 60 to Giles Bridge Rd. (Rt. 609); NOTE -- used \$6.425 million per mile to extrapolate the cost estimate from the larger MTP project (16.9 total miles)	\$39,193
Powhatan	60	Anderson Hwy.		Widen US 60 to 6 lanes, straighten and realign intersections, and add turn lanes as needed (MTP Project #22)	From Chesterfield County Line to US 522	\$225,180
Powhatan	603	Academy Rd.		Widen Rt. 603, straighten and realign intersections and add turn lanes as needed (MTP Project #13); NOTE -- Academy Road is on the MPO boundary	From US 60 to Three Bridge Rd. (Rt. 615)	\$14,681
Powhatan	603	Rocky Ford Rd		Widen Rt. 603, straighten and realign intersections and add turn lanes as needed (MTP Project #27)	From Old Buckingham Rd. (Rt 13) to Genito Rd. (Rt. 604)	\$8,800
Powhatan	604	Genito Rd.		Widen Rt. 604, straighten and realign intersections, and add turn lanes as needed (MTP Project #26)	From Chesterfield County Line to Amelia County Line	\$23,794
Powhatan	607	Huguenot Springs Rd.		Widen Rt. 607, straighten and realign intersections and add turn lanes as needed (MTP Project #45)	From Chesterfield County line to Huguenot Trail (Rt. 711)	\$17,990
Powhatan	609	Giles Bridge Rd.		Widen Rt. 609, straighten and realign intersections and add turn lanes as needed (MTP Project #38); NOTE -- Giles Bridge Rd is on the MPO boundary	From Old Buckingham Rd. (Rt. 13) to Amelia County line	\$14,175
Powhatan	610	Schroeder Rd.		Widen Rt. 610, straighten and realign intersections and add turn lanes as needed (MTP Project #35)	From Dorset Rd. (Rt. 622) to Genito Rd. (Rt. 604)	\$16,706

Jurisdiction/ Type	Route	Road Name	UPC	Description	Termini	Cost Estimate (X1000)
Powhatan	613	Judes Ferry Rd.		Widen Rt. 613, straighten and realign intersections and add turn lanes as needed (MTP Project #40)	From Huguenot Tr. (Rt. 711) to Norwood Creek Rd. (Rt. 1291)	\$9,619
Powhatan	613	Judes Ferry Rd.		Widen Rt. 613 to 4 lanes divided in conjunction with other future projects (MTP Project #42)	From US 60 to Old Church Rd. (Rt. 612)	\$6,623
Powhatan	614	Judes Ferry Rd.		Widen Rt. 614, straighten and realign intersections and add turn lanes as needed (MTP Project #6)	From Norwood Creek Rd. (Rt. 1291) to 0.25 mi S of Federal Hill Farms Rd.	\$4,050
Powhatan	614	Mill Rd.		Widen Rt. 614, straighten and realign intersections and add turn lanes as needed (MTP Project #11)	From Red Lane Rd. (Rt. 628) to Judes Ferry Rd. (Rt. 615)	\$17,213
Powhatan	615	Three Bridge Rd.		Widen Rt. 613, straighten and realign intersections and add turn lanes as needed (MTP Project #9)	From Huguenot Trail (Rt. 711) to Academy Rd. (Rt. 603)	\$21,263
Powhatan	620	Mill Quarter Rd.		Widen Rt. 620, straighten and realign intersections and add turn lanes as needed (MTP Project #32)	From Old Buckingham Rd. (Rt. 13) to dead end	\$987
Powhatan	622	Dorset Rd		Improve Intersection and Add Turn Lanes; NOTE -- this project is part of MTP Project #22	Intersection at US 60	\$1,800
Powhatan	622	Dorset Rd.		Widen Rt. 622, straighten and realign intersections, and add turn lanes as needed (MTP Project #25)	From US 60 to Genito Rd. (Rt. 604)	\$32,382
Powhatan	628	Red Lane Rd.		Reconfigure intersection with Three Bridge Rd. (Rt. 615) to align with Lee's Landing Rd. (Rt. 628) (MTP Project #8)	From Three Bridge Rd. (Rt. 615) to 0.6 mi S of Three Bridge Rd.	\$6,038
Powhatan	628	Red Lane Rd.		Widen Rt. 628, straighten and realign intersections and add turn lanes as needed (MTP Project #12)	From US 60 to 0.6 mi S of Three Bridge Rd. (Rt. 615)	\$24,415
Powhatan	628	Lee's Landing Rd		Reconstruction (2L); NOTE -- Staff recommends deletion of this project as it is not in the County's Major Thoroughfare Plan	Three Bridge Rd (VA 615) to Huguenot Tr. (VA 711)	\$1,400
Powhatan	634	Stavemill Rd.		Widen Rt. 634, straighten and realign intersections and add turn lanes as needed (MTP Project #37)	From Dorset Rd. (Rt. 622) to Urbine Rd. (Rt. 676)	\$11,644
Powhatan	635	Manakintown Ferry Rd.		Widen Rt. 635, straighten and realign intersections and add turn lanes as needed (MTP Project #4)	From Huguenot Trail (Rt. 711) to Page Rd. (Rt. 675)	\$10,923
Powhatan	711	Huguenot Tr.		Widen Rt. 711, straighten and realign intersections and add turn lanes as needed (MTP Project #2)	From VA 288 to Three Bridge Rd. (Rt. 615)	\$34,931

Jurisdiction/ Type	Route	Road Name	UPC	Description	Termini	Cost Estimate (X1000)
Powhatan	711	Huguenot Tr.		Modification; NOTE -- this project is part of MTP Project #2	Intersection at Judes Ferry Rd (VA 614)	\$750
Powhatan	711	Huguenot Tr.		Widen Rt. 711, straighten and realign intersections and add turn lanes as needed (MTP Project #3); NOTE - Only the segment from Three Bridge Rd. to Lee's Landing Rd. is in the MPO study area, approx. 1.2 miles	From Three Bridge Rd. (Rt. 615) to US 522; NOTE -- used \$5.063 million per mile to extrapolate the cost estimate from the larger MTP project (6.1 miles)	\$6,076
Powhatan	711	Huguenot Tr.		Improve Intersection; NOTE -- this project is part of MTP Project #3	Intersection at Three Bridge Rd (VA 615)	\$1,500
Powhatan	711	Huguenot Tr.		Improve Intersection and Add Right Turn Lanes; NOTE -- this project is part of MTP Project #4	Intersection at Manakintown Ferry Rd (VA 635)	\$980
Powhatan	New Minor Arterial	unnamed		Construct 4 lane divided arterial on new alignment, extend to Huguenot Springs Rd; upgrade existing road to 4 lane divided (MTP Project #33)	From Chesterfield County line to Judes Ferry Road	\$89,279
City of Richmond						
Richmond/ Henrico	5	Rt. 5 Relocation		Relocation	Main St./Williamsburg Ave. to to E.C.L	\$65,000
Richmond	6	Patterson Ave		Signal Enhancements	Malvern Ave to Richmond C.L.	\$1,000
Richmond	10	Broad Rock		RR Crossing Improvements	at .008 mi W of Belt Blvd (VA 161)	\$100
Richmond	60	Midlothian Tpke		Rehabilitation	Broad Rock Blvd (VA 10) to Belt Blvd (VA 161)	\$2,000
Richmond	60	Midlothian Tpke		Interchange/Bridge Reconstruction	Belt Blvd (VA 161)	\$20,000
Richmond	60	9th St		Reconstruction	Manchester Bridge to Semmes Ave	\$2,000
Richmond	60	Williamsburg Rd		Feasibility Study	Government Rd (US 60) to Richmond E.C.L.	\$500
Richmond	60	Midlothian Tpke		Rehabilitation	Hull Street Rd (US 360) to Broad Rock Blvd (VA 10)	\$1,000
Richmond	161	Bells Rd		Interconnect Signal With RR Pre-Emption	at .07 mi E Commerce Rd	\$500
Richmond	195	VA 195 (RMA) and Byrd St Corridors		Improvements	2nd St to 10th St	\$12,000
Richmond	250	Broad St.		Enhancement	Belvidere St. (US 1/301) to Richmond W.C.L.	\$3,000
Richmond	250	Light Rail/Streetcar on Broad St.		New Facility	Main Street Station to Science Museum	\$50,000
Richmond	360	Hull Street Rd		Reconstruction	Belt Blvd (VA 161) to 20th St.	\$4,000
Richmond	360	Hull (Rt 360)		Widening	From Dixon to Belt Blvd	\$10,000
Richmond	627	Meadowbridge Rd		Reconstruction/streetscaping	Rady Street to Richmond N.C.L.	\$1,000
Richmond	647	Walmsley Blvd		Widen to 4 Lanes	From Broad Rock Blvd (VA 10) to Jeff Davis Hwy (US 1)	\$40,000
Richmond	1800	Westwood Ave over CSX RR		Bridge deck repairs		\$1,000

Jurisdiction/ Type	Route	Road Name	UPC	Description	Termini	Cost Estimate (X1000)
Richmond	1801	Westwood Ave ramp over CXS RR		Bridge deck repairs		\$750
Richmond	1805	Belvidere St (SBL) over CSX RR and Brook Rd		Deck replacement recommended		\$1,500
Richmond	1806	Belvidere St (NBL) over CSX RR and Brook Rd		Deck replacement recommended		\$1,500
Richmond	1809	US 60 (Midlothian Tpke) over RT. 161 (Belt Blvd)		Heavy truck traffic. Temporary repairs made in 2003. Active steel corrosion and concrete spalling. Replace superstructure, rebah substructure		\$2,000
Richmond	8040	VA 33 (Leigh St) over CXS, US 360, I-95		Built in 1976. Replace compression joints and assembly joints; seal deck cracks; seal leaking manhole covers; clean active corrosion of splice plates and paint; reseal parapets		\$400
Richmond	8070	Lynnhaven Ave over Broad Rock Creek		Bridge is cureently on a six month inspection schedule. Superstructure replacement is recommended		\$400
Richmond	8071	Columbia St over Goode's Creek		Metal pipe culverts have deteriorated. Replacement recommended		\$350
Richmond	8072	Columbia St over Broad Rock Creek		Single lane structure built in 1947. Replacement with 2 lane bridge or culvert recommended		\$350
Richmond	8081	5th St over VA 33 (Leigh St)		Built in 1971. Superstructure replacement is recommended		\$1,000
Richmond	8083	7th St over VA 33 (Leigh St)		Built in 1971. Superstructure replacement is recommended		\$1,000
Richmond	8086	East Richmond Rd over Gillies Creek		Built in 1932. Fracture critical two girder system. Functionally obsolete. Replacement recommended		\$900
Richmond	8087	East Richmond Rd over Stoney Run		Built in 1932. Fracture critical two girder system. Functionally obsolete. Replacement recommended		\$800
Richmond		14th Street		Existing Signal - Upgrade	Bank Street	\$287
Richmond		15th Street Improvements		Improvements	Main Street to Dock Street	\$2,000
Richmond		1st Street		Existing Signal - Upgrade	Clay Street	\$138
Richmond		5th St over Clay St		New bridge		\$1,000
Richmond		5th Street		Existing Signal - Upgrade	Hospital Street	\$201
Richmond		7th St over Clay St		New bridge		\$1,000
Richmond		Azalea		Existing Signal - Upgrade	Dumbarton/Brook	\$287
Richmond		Azalea Ave		Widen to 6 Lanes	Chamberlayne Ave (US 1/301) to Richmond E.C.L.	\$2,000
Richmond		Bank Street		Existing Signal - Upgrade	Governor	\$201
Richmond		Bank Street		Widen sidewalk on north side	between 9th Street and 12th Street	\$270
Richmond		Belvidere Improvements		Crosswalk Improvements	Main Street to Canal Street	\$300

Jurisdiction/ Type	Route	Road Name	UPC	Description	Termini	Cost Estimate (X1000)
Richmond		Belvidere St		Existing signals - install detectors and ped push buttons	between Leigh St and Spring St	\$380
Richmond		Blakemore Rd		safety improvements	Bliley Rd to Glenway Dr	\$300
Richmond		Bliley Rd		safety improvements	Forest Hill Ave to Blakemore Rd	\$2,000
Richmond		Boatwright Dr		safety improvements	Three Chopt Rd to Campus Rd	\$1,000
Richmond		Broad Rock		Install UPS at traffic signal	Belt Blvd and CSX	\$75
Richmond		Broad St		Left turn corridor utilization study	between Staples Mill Rd and 14th St	\$205
Richmond		Brook Rd/Chamberlayne Ave		Signal Enhancements	Azalea Ave to Admiral St/School St.	\$500
Richmond		Canal St		Existing Signal - Upgrade	7th St	\$138
Richmond		Canal St		Existing Signal - Upgrade	4th St	\$201
Richmond		Cannon Creek		Multi-use trails	Fr: Brookland Park Blvd to NCL	\$2,200
Richmond		Cary St		Existing Signal - Upgrade	7th St	\$201
Richmond		Cary St		Existing Signal - Upgrade	Adams St	\$201
Richmond		Cary St		Existing signal - Upgrade	Auburn/Beamont	\$201
Richmond		Cary St		Existing Signal - Upgrade	Foushee	\$201
Richmond		Cary St		Existing Signal - Upgrade	Jefferson	\$201
Richmond		Cary St		install an overhead pedestrian flasher	Linden	\$75
Richmond		Cary St		Existing Signal - Upgrade	Nansemond	\$201
Richmond		Cary St		Existing Signal - Upgrade	Sheppard	\$201
Richmond		Cherokee Rd		safety improvements	Forest Hill Ave to WCL	\$2,000
Richmond		City of Richmond Employee Trip Reduction Program	T1811	CITY OF RICHMOND: EMPLOYEE TRIPREDUCTION PROGRAM	UPC# T1811	\$500
Richmond		Citywide		Safety Projects		\$5,000
Richmond		Citywide		Intelligent transportation systems		\$1,000
Richmond		citywide		paving - resurfacing, rehabitatin and	citywide	\$66,000
Richmond		citywide		sidewalks and ADA ramps(new)	citywide	\$27,000
Richmond		citywide		street scaping and curb and gutters	citywide	\$60,000
Richmond		citywide		Sharrows	citywide	\$500
Richmond		citywide		Multi-use trails	citywide	\$2,000
Richmond		citywide		Regulatory and warning signs upgrade	citywide	\$1,000
Richmond		citywide		Street and guide sign upgrades	citywide	\$1,000
Richmond		citywide		Traffic signal upgrades	citywide	\$500
Richmond		citywide		pavement marking upgrades	citywide	\$1,000
Richmond		Darbytown Rd		Feasibility Study	Williamsburg Rd (US 60) to Richmond E.C.L.	\$100
Richmond		Deepwater Terminal		Deepwater Terminal Rail Road (DWTRR) rail improvements - Front gate to CSX connection	Port property to City rial line at Goodes Street storage yard	\$1,000
Richmond		Deepwater Terminal		Deepwater Terminal Road Extension to Goodes Street	Extend Deepwater Terminal Road north to Goodes Street	\$2,000
Richmond		downtown		one-way conversion to two-way	downtown and Manchester	\$30,000
Richmond		downtown		Cathedral Walk - extension of existing	from Cary to Dock Streets	\$1,000
Richmond		Draw Bridge		Repairs	Norfolk Southern at Great Ship Lock Park	\$3,000

Jurisdiction/ Type	Route	Road Name	UPC	Description	Termini	Cost Estimate (X1000)
Richmond		East Broad Street Enhancements		Street scaping	I-95 - 14th St to 21st Street	\$1,250
Richmond		Enhance Bicycle Facilities			Districtwide	\$2,000
Richmond		Forest Hill		Existing Signal - Upgrade	Roanoke St	\$201
Richmond		Forest Hill		Existing Signal - Upgrade	Semmes	\$287
Richmond		Franklin St		Existing signal pedestal pole - upgrade to mast arm design	1st St	\$138
Richmond		Franklin Street		Multimodal improvements	14th Street to 18th street	\$800
Richmond		Gateways - Citywide		Improvements	TBD	\$5,000
Richmond		Glenway Dr		safety improvements	Blakemore Rd to German School Rd	\$500
Richmond		Grace St		Existing signal pedestal pole - upgrade to mast arm design	4th St	\$138
Richmond		Grace St		Existing signal pedestal pole - upgrade to mast arm design	Jefferson	\$138
Richmond		Grace St		Existing signal pedestal pole - upgrade to mast arm design	Madison	\$138
Richmond		Grace St		Existing signal pedestal pole - upgrade to mast arm design	Monroe	\$138
Richmond		Grace Street Streetscaping		Streetscaping	6th Street to Belvidere	\$4,000
Richmond		Grant St.		Rehabilitation	Boulevard (VA 161) to Blanton Ave	\$500
Richmond		Great Ship Locks		Repairs		\$3,000
Richmond		Grove Ave		Existing Signal - Upgrade	Three Chopt Road	\$201
Richmond		Grove Ave		Existing Signal - Upgrade	Thompson	\$201
Richmond		Grove Ave/Cary St.		Signal Enhancements	Three Chopt Rd to I-195	\$2,000
Richmond		Harrison St		Existing flasher - upgrade span to mast arm	Clay Street	\$75
Richmond		Hermitage		Existing Signal - Upgrade	Leigh	\$287
Richmond		Hermitage		Existing Signal - Upgrade	Overbrook	\$201
Richmond		Hermitage		Existing Signal - Upgrade	Robin Hood Road	\$287
Richmond		Hermitage Road		New Facility	Hermitage Road Grade Crossing	\$2,000
Richmond		Hermitage, Brookland Pkw. Boulevard, Westwood Roundabout		Intersection Improvements		\$1,000
Richmond		Highland Park Roundabout		Intersection Improvements	1st Ave, Rowen St, Trigg St, Daniel St, 3rd Ave	\$650
Richmond		Hopkins		Install oncrete crossing (existing flashing lights and gates)	RR xing	\$235
Richmond		Hospital/7th St. Reconfiguration		New Facility	Hospital/7th St at Grade Crossing	\$3,000
Richmond		Huguenot Rd		Install a roundabout	River Road	\$750
Richmond		Huguenot Rd		Safety improvements	Chesterfield C.L. to Chippenham Pkwy (VA 150)	\$800
Richmond		Hull		Existing Signal - Upgrade	Belt Blvd	\$287
Richmond		Hull		install a NB left turn lane and modify existing signal	Commerce	\$400
Richmond		Hull		install a NB left turn lane and modify existing signal	Cowardin	\$400
Richmond		14th St		Install UPS and preemption between RR and signal	Dock and NS	\$75

Jurisdiction/ Type	Route	Road Name	UPC	Description	Termini	Cost Estimate (X1000)
Richmond		hull		Existing Signal - Upgrade	Orcutt	\$287
Richmond		Idlewood		Existing Signal - Upgrade	Cherry	\$201
Richmond		Idlewood		Install a roundabout	RMA Ramp	\$500
Richmond		Jefferson		Existing signal pedestal pole - upgrade to mast arm design	Clay Street	\$138
Richmond		Jefferson Davis		Existing Signal - Upgrade	Cofer and Wright	\$201
Richmond		Jefferson Davis		Existing Signal - Upgrade - increase the radius on the SE corner - add another lane on Maury both sides	Maury	\$287
Richmond		Jefferson Davis		Existing Signal - Upgrade	Bellemeade Road	\$201
Richmond		Jefferson Davis		Existing Signal - Upgrade	Lamberts Ave	\$201
Richmond		Jefferson Davis		Existing Signal - Upgrade	Terminal Ave	\$201
Richmond		Laburnum		Adjust the medians, install pedestrian push buttons and countdown signal heads	Hermitage	\$105
Richmond		Ladies Mile Rd		Corridor Studies/Improvements	Chamberlayne Ave to Hazelhurst	\$1,250
Richmond		Leigh		Existing Signal - Upgrade	8th St	\$201
Richmond		Leigh		Existing Signal - Upgrade	Mosby	\$201
Richmond		Leigh St		MLK Bridge enhancements	MLK Bridge	\$1,200
Richmond		Light Rail		PE	Main Street Station to Airport	\$1,000
Richmond		Lombardy St.		Bridge	Leigh St. to Admiral St.	\$5,000
Richmond		Main St Station & downtown		Electrical vehicle charging stations	Main St Station and Downtown	\$500
Richmond		Main Street Station/Shockoe Bottom Development Street Improvements		Street Scaping	various	\$980
Richmond		Manchester Bridge		Painting and rehabilitation		\$12,000
Richmond		Marshall St		Existing Signal - Upgrade	Brook Road	\$201
Richmond		Marshall St		Install hazard identification beacon overhead	Harrison St	\$75
Richmond		Marshall St		Existing signal pedestal pole - upgrade to mast arm design	Jefferson and 21st Streets	\$201
Richmond		Marshall St		Existing overhead flasher - replace	Altamont Ave	\$75
Richmond		Maury St		Existing signal - install a roundabout	4th St and ramp to/from I95	\$3,400
Richmond		Maury St.		Corridor Improvements	I-95 Ramp to Commerce Rd	\$3,000
Richmond		Mayo Bridge		Long Term Repair to existing Bridge Structure	Over James River	\$4,400
Richmond		Mayo Bridge		New Bridge Structure	Over James River	\$35,000
Richmond		Mayo Bridge		Major repairs	Mayo Bridge	\$1,200
Richmond		Mayo Island		Enhancement	Pedestrian/Bike/Boats	\$5,000
Richmond		Monument Ave		Surface treatment to increase friction	Allen	\$470
Richmond		Monument Ave		Existing Signal - Upgrade	Thompson	\$287
Richmond		Nine Mile		Existing Signal - Upgrade	Creighton	\$201
Richmond		Overbrook		Existing Signal - Upgrade	Lombardy	\$201
Richmond		Overbrook		Existing Signal - Upgrade	North	\$201
Richmond		Patterson		Existing Signal - Upgrade	Three Chopt Road	\$287
Richmond		Patterson		Install raised markers	between Thompson St and WCL Richmond	\$20

Jurisdiction/ Type	Route	Road Name	UPC	Description	Termini	Cost Estimate (X1000)
Richmond		Port of Richmond		Marine Highway Prog	Richmond to Hampton Roads	\$3,000
Richmond		port of Richmond		City Sort line rail upgrade	Port of Richmond	
Richmond		Public Marina		New Facility	CBD	\$6,000
Richmond		Rail - I-64 Corridor				
Richmond		Sidewalk Improvements		New sidewalks	city-wide	\$1,500
Richmond		Stoney Point/Evansway Rd		Sidewalk	Forest Hill to Domino Street	\$300
Richmond		Thompson		Existing Signal - Upgrade	Patterton and Kensington	\$400
Richmond		Three Chopt Road		Install a roundabout	Boatwright	\$500
Richmond		Towana Rd-Campus Rd		safety improvements	Three Chopt Rd to Boatwright Dr	\$1,000
Richmond		Valley St./St. James St. Connection		New Facility (2L)	Valley St. at Grade Crossing to St. James St. Grade Crossing	\$1,000
Richmond		various locations		MUTCD compliance mandates - signs, signals and markings	citywide	\$1,000
Richmond		various locations		raised markers	TBD	\$400
Richmond		Virginia Capital Trail - Richmond East		New constructcion	Grt Shipclck Pk to CL	\$3,500
Richmond		Way Finding and Intersection Signage - Citywide		signage for bicycles	Citywide	\$50
Richmond		Way Finding and Intersection Signage - Citywide		Signage for vehicles and pedestrians	TBD	\$5,000
Richmond		Williamsburg		Existing Signal - Upgrade	Government	\$201
Richmond				Norfolk Southern rail connection	Goodes Street to Brander Street	\$2,500
Richmond				Partial demolition of waterhouses 1 A and 2 A, shortening rail tracks between warehouses, paving of wharf	Warehouses at the Port	\$1,600
Interstate System						
Interstate	64	64		Reconstruct interchange from diamond to cloverleaf	At Ashland Rd (Rt 623)	
Interstate	64	64		Reconstruct interchange from diamond to cloverleaf	At Oilville Rd (Rt 617)	
Interstate	64	64		New Interchange	At N. Gayton Rd	\$121,000
Interstate	64	64		6 Lanes on 8-Lane R-O-W (Inc. Interchange Modification at 249)	New Kent C.L. to New Kent Hwy	\$40,000
Interstate	64	64		New Facility	Interchange at Jennie Scher Road/Stony Run Drive	\$30,000
Interstate	64	64		Interchange Mod	At Gaskins Rd	\$10,000
Interstate	64	I-64		EB Rte 288 On Ramp to Staples Mill Rd	Widening	\$97,569
Interstate	64/106	64/Route 106 Interchange		Construct roundabouts at the ramp terminals of existing diamond interchange		\$3,650
Interstate	95	95		Modification	Interchange at Belvidere St.	\$7,000
Interstate	95	95		Modification	Interchange at I-95/I-64 W	\$65,000
Interstate	95	95		Widen 8ln	I-64 to Hermitage Rd (VA 161) on-ramp	\$50,000
Interstate	95	95		Modification	Interchange at Broad St (US 250)	\$40,000

Jurisdiction/ Type	Route	Road Name	UPC	Description	Termini	Cost Estimate (X1000)
Interstate	95	Bellemeade Ext.		New Facility (4L)	Bellemeade to I-95	\$10,000
Interstate	95	95		Modification	Interchange at I-95/I-64 E	\$150,000
Interstate	95	95		New Facility	Interchange at Bellemeade	\$30,000
Interstate	95	95		I-64 to Hermitage Rd (VA 161) on-ramp	Widen 8ln	\$100,000
Interstate	95	95		Bryan Park to James River	Capacity and Safety Improvements	\$19,674
Interstate	95	95		Henrico CL to Caroline CL	Widening	\$104,222
Interstate	95 & 64	95 & 64		Interstate gateway landscaping	I-95 & I-64	\$4,000
Interstate	195	VA 195 (RMA) and Byrd St Corridors		Belvidere St. to 10th St	Improvements	\$8,000
	195	195		Downtown Expwy to I-95/64 interchange	Capacity and Safety Improvements	\$18,406
	295	295		New Interchange	at Portugee Rd	\$40,000
	295	295		New Interchange	Varina Rd	\$40,000
	295	I-295		Loops	Interchange to at Meadowville Rd. (VA 618)	\$20,000
	295	295		I-64 (West) to Brook Rd (CD off ramp)	Widening	\$64,113
Transit						
Transit		Amtrak Station Improvements		Greendale (Staples Mill)		\$2,200
Transit		Amtrak Station Improvements		Ashland		\$2,200
		Rail Improvements		High-Speed Intercity Rail	Richmond to Hampton Roads	\$475,000
		Rail Improvements		High-Speed Intercity Rail	Washington to Richmond (Main Street Station)	\$1,800,000
Transit		Multi-modal		Transfer Station	CBD	\$40,000
Transit		Multi-modal		Transfer Centers	Willow Lawn	\$3,500
Transit		New Service		Bus Rapid Transit (BRT)	Broad Street	\$70,000
Transit		Park & Ride ⁽²⁾		Park & Ride Facilities	Various Locations-Chesterfield	\$3,300
Transit		Park & Ride ⁽²⁾		Park & Ride Facilities	I-95 @ Ashland	\$550
Transit		Park & Ride ⁽²⁾		Park & Ride Facilities	I-95 @ Rt. 10 Southside	\$550
Transit		Park & Ride ⁽²⁾		Park & Ride Facilities	I-95 @ Chippenham Southside	\$550
Transit		Reg. Bus Service		US 60 Trunk Route Expansion	Richmond CL west to Courthouse Rd	\$1,242
Transit		Reg. Bus Service		Patterson Ave. Trunk Route Expansion	Terminus of routes 1 and 2 west to Gaskins Rd.	\$828
Transit		Reg. Bus Service		West Henrico County Circulator/Feeder Service	Areas north of Parham Rd. and south of Broad St.	\$828
Transit		Reg. Bus Service		US 60 Area Circulator/Feeder Service	Cloverleaf Mall/Courthouse Rd. area	\$828
Transit		Reg. Bus Service		Westside Crosstown	Broad St. Corridor in Henrico Co. to US 60 in Chesterfield Co.	\$2,070
Transit		Reg. Bus Service		Rt. 76 Express	Rt. 288 (Watkins Center) to CBD	\$2,070
Transit		Reg. Bus Service		US 1 South Trunk Route Expansion	City of Richmond south to Rt. 10 in Chesterfield County	\$1,656
Transit		Reg. Bus Service		East Henrico County Circulator / Feeder Service	Nine Mile Rd. / Williamsburg Rd. east of RIC Airport	\$828
Transit		Reg. Bus Service		US 1 / Rt. 10 Circulator / Feeder Service	US 1 / Rt. 288 / Rt. 10 area south of Richmond	\$828

Jurisdiction/ Type	Route	Road Name	UPC	Description	Termini	Cost Estimate (X1000)
Transit		Reg. Bus Service		Mechanicsville Circulator / Feeder Service	Mechanicsville area of Hanover County	\$828
Transit		Reg. Bus Service		Ashland Circulator / Feeder Service	Hanover County near Ashland and industrial park areas	\$828
Transit		Reg. Bus Service		Southside Crosstown Connection	Cloverleaf Mall / Chippenham, I-95 intersection	\$2,070
Transit		Reg. Bus Service		I-95 N. Express Bus	Downtown to Ashland	\$1,656
Transit		Reg. Bus Service		I-64 E. Express Bus	Downtown to Richmond Airport	\$828
Transit		Reg. Bus Service		West Creek Express Bus	Downtown to West Creek	\$828
Transit		Reg. Bus Service		288 Express Bus	Powhite to I-64	\$414
Transit		Reg. Bus Service		Broad St. Trunk Route	Downtown to Short Pump	\$1,242
Transit		Reg. Bus Service		Transit Security	NA	\$2,492
Transit		Reg. Bus Service		Replacement Buses	NA	\$114,678
Transit		Reg. Bus Service		Replacement Paratransit Vehicles	NA	\$26,400
Transit		Reg. Bus Service		Preventive Maintenance	NA	\$122,000
Transit		Reg. Bus Service		ADA	NA	\$24,923
Transit		Reg. Bus Service		Associated Capital Maintenance	NA	\$1,200
Transit		Reg. Bus Service		Computer Hardware & Software	NA	\$18,000
Transit		Reg. Bus Service		Capital Cost of Contracting	NA	\$2,400
Transit		Reg. Bus Service		Transit Enhancements	NA	\$2,492
Transit				Express Service to VCU Monroe Park Campus	GRTC	\$828
Transit				Transfer Centers	Southside Plaza	\$3,500
Transit				Transfer Centers	Manchester	\$3,500