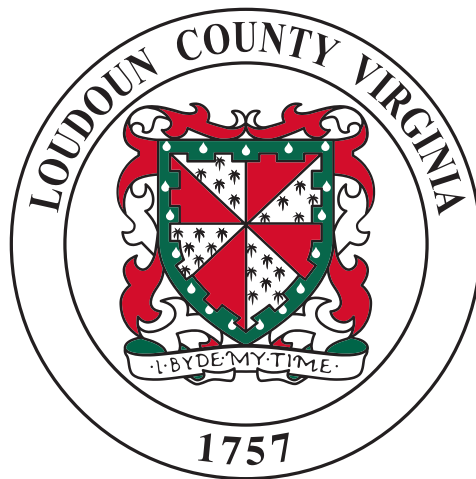




# Capital Improvement Program Previously Authorized and Future Projects

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## Previously Authorized Projects

Previously Authorized Projects are CIP projects that are being administered by Loudoun County, were fully funded in fiscal years prior to FY 2025, have a construction phase in the scope, and are currently in development. Previously authorized projects do not include Information Technology projects; Landfill projects; General Government Renovation projects; Town administered projects; individual intersection improvements or individual sidewalk and trail improvements that originated from the Intersection Improvement Program or the Sidewalk and Trail Program; VDOT administered projects; and Loudoun County Public School projects. Additional project status information can be obtained from the CIP Project Status Report, which is provided to the Board of Supervisors' Finance/Government Operations and Economic Development Committee meeting on a quarterly basis.

General Government	Oracle Project Number	Final Year in Adopted Budget	Page Number
<b>Eastern Services Center</b>	C02557	FY 2024	9-21
This project provides funding to acquire and renovate office space to serve as an Eastern Community Services Center.			
<b>Village of Paeonian Springs Wastewater Modernization</b>	C02494	FY 2024	9-31
This project provides funding to allow County staff and Loudoun Water to determine the technical requirements of the improvements for water and wastewater concerns and finalize a project scope.			
Health and Welfare	Oracle Project Number	Final Year in Adopted Budget	Page Number
<b>Eastern Loudoun Group Home</b>	C02201	FY 2024	9-36
This project provides funding for the design and construction of a single-level house in eastern Loudoun to serve adults with a mental illness or developmental disability diagnosis and provide staff office space in the home.			
<b>MHSADS Crisis Receiving and Stabilization Center</b>	C02556	FY 2024	9-37
This project provides funding for the design and construction of a Crisis Receiving and Stabilization Center (CSRC) at the existing Friendship House site. This project also funds the relocation of the existing psychosocial rehabilitation programs.			
Parks, Recreation, and Culture	Oracle Project Number	Final Year in Adopted Budget	Page Number
<b>Arcola Quarters for The Enslaved</b>	C02399	FY 2024	9-58
This project provides funding to design and construct a historic interpretive park on an existing parcel in the Dulles District.			
<b>Ashburn Recreation &amp; Community Center</b>	C02142	FY 2022	9-59
This project provides funding for the design and construction of a recreation and community center on a 20.9-acre parcel along Broadlands Boulevard.			
<b>Bles District Park Facility Improvements</b>	C02230	n/a	n/a
This project provides funding for park improvements to include additional parking spaces, safety netting, an updated playground with new equipment, a picnic pavilion, and a canoe/kayak launch. The project originated from the Board Business Meeting held on June 21, 2018, Item 13e.			
<b>Brambleton West Park Improvements</b>	C02252	FY 2024	9-59

**Previously Authorized Projects**

This project provides funding for the design and construction of a press box and stadium seating for an existing diamond field at the Brambleton Community Park.

<b>Lovettsville Community Center Replacement</b>	C00245	FY 2018	10-44
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This project provides funding for the design and construction of a new community center in the Town of Lovettsville to replace the existing building.

<b>Potomack Lakes Sportsplex – Field Improvements</b>	C02233	FY 2022	9-70
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This project provides funding for the conversion of two Bermuda athletic fields into synthetic turf at the Potomack Lakes Sportsplex.

Public Safety	Oracle Project Number	Final Year in Adopted Budget	Page Number
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<b>Aldie Fire &amp; Rescue Station #7</b>	C00140	FY 2020	10-74
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This project provides funding for the design and construction of a new Aldie Fire Station on a County owned site to replace the existing Aldie Fire & Rescue Company #7 Station.

<b>Courts Complex - Phase IV</b>	C02329	FY 2024	9-74
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This project funds the renovation of the existing courthouse facility. The renovation will improve approximately 72,500 square feet of space including modifications to the Circuit Court courtrooms, shared hearing rooms, small courtroom, Circuit Court Judicial offices, Circuit Court support areas, Juvenile and Domestic Relations (J&DR) courtrooms, J&DR Court Clerk's Office, Court support areas, Juvenile Court services area, Court Administrator's Office, and the Circuit Court Clerk's Office.

<b>Fire and Rescue – Basic Training Facility</b>	C02214	FY 2024	9-75
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This project provides funding to design and construct a recruit training facility on the existing Fire-Rescue Training Center property.

<b>Fire and Rescue – Station #04 – Round Hill Station Replacement</b>	C02215	FY 2024	9-77
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This project provides funding to design and construct a replacement 19,800-square-foot Round Hill Fire and Rescue Station.

<b>Juvenile Detention Center</b>	C00146	FY 2018	10-66
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This project provides funding for the design and construction of a new 40-bed Juvenile Detention Center on the Government Support Center site off Sycolin Road in Leesburg.

<b>Lovettsville Fire &amp; Rescue Station #12 Replacement</b>	C02103	FY 2018	10-59
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This project provides funding for the design and construction of a new 18,500-square-foot fire station to replace the existing Lovettsville Fire and Rescue Company #12 Station.

<b>Sterling Fire &amp; Rescue Station #11 Replacement</b>	C02042	FY 2016	10-67
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This project provides funding for the design and construction of a new 22,000-square-foot fire station to replace the existing Sterling Volunteer Fire and Rescue Company #11 Station.

Transportation	Oracle Project Number	Final Year in Adopted Budget	Page Number
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<b>Arcola Boulevard – Route 50 to Route 606</b>	C02182	FY 2022	10-17
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## Previously Authorized Projects

This project provides funding to accelerate the construction of Arcola Boulevard between Arcola Mills Drive and Old Ox Road (Route 606) through an agreement with Arcola Center.

<b>Belmont Ridge Road – Truro Parish Drive to Croson Lane</b>	C02043	FY 2020	11-15
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This project provides funding for the planning, design, right-of-way acquisition, and construction of two additional lanes to Belmont Ridge Road between Truro Parish Drive and Croson Lane.

<b>Braddock / Summerall Supreme Drive</b>	C02121	FY 2018	11-22
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This project provides funding for the installation of a traffic signal, turn lanes, and the widening from two lanes to four lanes at the intersection of Braddock Road (Route 620) and Supreme / Summerall Drive.

<b>Electronic Farebox Equipment Replacement</b>	C02531	FY 2024	10-118
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This project provides funding for the complete replacement of the electronic fare collection equipment on 125 transit buses, fare collection computer, network switch, probe, and vaulting equipment that supports the regional fare collection system.

<b>Local Fixed-Route Bus Stop Improvements</b>	C02237	FY 2020	11-144
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This project provides funding for the design and construction of bus stop improvements throughout the County to bring bus stops into ADA compliance.

<b>Loudoun County Parkway- Dulles West Blvd to Route 50</b>	C02234	FY 2020	11-51
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This project provides funding for the planning, design, right-of-way acquisition, and construction of a southbound turning lane along Loudoun County Parkway from Dulles West to Route 50, continuing onto Route 50 westbound.

<b>Moorefield Boulevard Improvements</b>	C02205	FY 2021	10-55
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This project provides funding for the planning, design, right-of-way acquisition, and construction of Moorefield Boulevard improvements at the Moorefield Fire and Rescue Station entrance/Old Ryan Road.

<b>Northstar Boulevard – Route 50 to Tall Cedars Parkway</b>	C02082	FY 2020	11-57
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This project provides funding for the planning, design, right-of-way acquisition, and construction of a minor arterial roadway from Little River Turnpike (Route 50) to Tall Cedars Parkway (Route 2200). The project entails the construction of a controlled-access, four-lane divided roadway, within a 120-foot right-of-way.

<b>Northstar Boulevard – Shreveport Drive to Route 50</b>	C02044	FY 2020	11-59
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This project provides funding for the planning, design, right-of-way acquisition, and construction of a minor arterial roadway between Shreveport Drive (Route 621) and Route 50. The project entails the construction of a controlled-access, four-lane divided roadway, within a 120-foot right-of-way, and intersection improvements at the future Dulles West Boulevard.

<b>Oakgrove Road – Pedestrian Improvements</b>	C02264	FY 2020	11-121
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This project provides funding for the planning, design, right-of-way acquisition, and construction of traffic calming measures and new sidewalk on the west side of Oakgrove Road between Trefoil Lane and Caraway Terrace.

<b>Prentice Drive – Loudoun County Parkway to</b>	C02124	FY 2022	10-51
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**Previously Authorized Projects****Shellhorn & Lockridge  
West**

This project provides funding for the planning, design, right-of-way acquisition, and construction of Prentice Drive (Route 1071) from Loudoun County Parkway (Route 607) to Shellhorn Road (Route 643) at its intersection with Metro Center Drive, and a new road (Lockridge West) between Prentice Drive and Waxpool Road.

<b>Route 7/Blue Ridge Mountain/ Raven Rocks Intersection Improvements</b>	C02394	FY 2022	10-53
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This project provides funding for the planning and preliminary design of safety, operational, and access improvements in the vicinity of the intersection of Route 7 with Route 601 Blue Ridge Mountain / Raven Rocks Road.

<b>Route 7 Improvements – Route 9 to Dulles Greenway – Short Term Improvements</b>	C02314	FY 2024	10-51
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This project provides for the design, right-of-way acquisition, utility relocation, and construction of an acceleration lane on eastbound Route 7 at the Route 9 Interchange.

<b>Route 7/Route 690 (Hillsboro Rd) Interchange</b>	C00196	FY 2024	10-55
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This project provides for the design, land acquisition, utility relocation, and construction of a compressed, urban diamond interchange at Route 7 at Hillsboro Road (Route 690) west of Purcellville, with roundabouts at the ramp termini.

<b>Route 7 Pedestrian Crossings</b>	C02202	FY 2022	11-123
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This project provides funding for improvements to three pedestrian crossings on Route 7: Bartholomew Fair Drive, Potomac View Drive, Lakeland Drive, and the design, right-of-way acquisition, and construction of a shared-use path on the north side of Route 7 between the pedestrian crossings.

<b>Route 9 / Route 287 Roundabout</b>	C02095	FY 2024	10-57
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This project provides for the design, right-of-way acquisition, and construction of a hybrid two-lane roundabout with approaches on Charles Town Pike (Route 9) at Berlin Turnpike (Route 287).

<b>Route 15 Widening – Battlefield Parkway to Whites Ferry Road</b>	C02212	FY 2024	10-67
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This project provides funding for the planning, design, right-of-way acquisition, and widening of Route 15 from two to four lanes from Battlefield Parkway in the Town of Leesburg to Whites Ferry Road.

<b>Route 50 / Trailhead Drive Roundabout</b>	C02269	FY 2021	10-89
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This project provides funding for the planning, design, right-of-way acquisition, and construction of a roundabout at the intersection of Route 50 and Trailhead Drive (Route 3395).

<b>Shaw Road</b>	C02116	FY 2018	11-82
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This project provides funding for the design and construction of improvements to Shaw Road from the Sterling Technology property to the Dulles Electric Supply property to widen the road from two to four lanes and to solve existing roadway drainage issues.

<b>Shellhorn Road – East of Loudoun County Parkway to Bullpen Drive / Thumb Drive</b>	C02363	FY 2024	10-79
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## Previously Authorized Projects

This project provides for the design, right-of-way acquisition, utility relocation, and construction of Shellhorn Road from a point approximately 1,500 feet east of Loudoun County Parkway (the eastern limit of the improvements proffered by Project Nova – Sentinel Data Centers - SDC) to Bullpen Drive/Thumb Drive (the western limit of the improvements proffered by Silver District West (SDW)).

<b>Sterling Boulevard Extension</b>	C02046	FY 2018	11-86
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This project provides funding for the design, right-of-way acquisition, and construction of Sterling Boulevard from Pacific Boulevard to Moran Road.

<b>Waxpool Road at Pacific Blvd</b>	C00178	FY 2014	11-27
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This project provides funding for the design and construction of intersection improvements and turn lanes at Waxpool Road and Pacific Boulevard and Broderick Drive.





## Projects Identified for Future Development

This section tracks future projects for purposes of managing the growth and priorities of the CIP. Projects identified during the annual budget development processes, and after adoption of the Capital Needs Assessment, are added to the future development list. All projects whose funding was previously planned completely within the Future Fiscal Years (four years beyond the six-year planning period) are included on the list so that the FFY within the funding plan is for projects whose appropriations begin in FY 2025 through FY 2030. Projects that are triggered by the Capital Needs Assessment through FY 2034 have been added to the list, with the exception of fire apparatus, transit buses, parking spaces, recreation trails, and Schools.

This list of projects will allow staff to develop capital budgets more strategically and in a more transparent and data-driven way. During subsequent budget processes, prioritizing these projects will be the basis of capital budget guidance sought from the Board of Supervisors during the fall.

These projects are planned for years outside of the current six-year plan (FY 2025 – FY 2030). Noted in this section is the source for the project's origination and a high-level cost estimate (if available), adjusted for inflation and the uncertainty of estimating project costs so far into the future.

A project does not need to first appear in this section to be considered for prioritization in a future CIP.

Project	Functional Area	Election District	Source	Cost Range
Government Support Facilities (272,553 Sq. Ft.)	General Government	Undetermined	Capital Needs Assessment	No Estimate Available
Traffic Signal Storage Facility	General Government	Undetermined	Department Priority	\$5,000,000 - \$5,300,000
Recycling Drop-Off Center	General Government	Undetermined	Capital Needs Assessment	No Estimate Available
Satellite Maintenance Facility (2)	General Government	Undetermined	Capital Needs Assessment	No Estimate Available
Adolescent Independent Living Residence	Health and Welfare	Undetermined	Capital Needs Assessment	No Estimate Available
Developmental Services Residential Facility (49 Beds)	Health and Welfare	Undetermined	Capital Needs Assessment	No Estimate Available
Group Home	Health and Welfare	Undetermined	Capital Needs Assessment	No Estimate Available
Mental Health Residential Facility (38 Beds)	Health and Welfare	Undetermined	Capital Needs Assessment	No Estimate Available
Adult Day Center	Parks, Recreation, and Culture	Ashburn Planning Subarea	Capital Needs Assessment	No Estimate Available
Bolen Park Amphitheater	Parks, Recreation, and Culture	Catoctin	Department Priority	No Estimate Available
Community Center (4)	Parks, Recreation, and Culture	Ashburn, Dulles, Potomac Planning Subareas	Capital Needs Assessment	No Estimate Available
Community Parkland (730.17 Acres)	Parks, Recreation, and Culture	Undetermined	Capital Needs Assessment	No Estimate Available
District Park (5)	Parks, Recreation, and Culture	Undetermined	Capital Needs Assessment	\$31,600,000 - \$33,100,000



## Projects Identified for Future Development

Project	Functional Area	Election District	Source	Cost Range
Recreation Center (2)	Parks, Recreation, and Culture	Undetermined	Capital Needs Assessment	No Estimate Available
Regional Park	Parks, Recreation, and Culture	Undetermined	Capital Needs Assessment	No Estimate Available
Senior Center (3)	Parks, Recreation, and Culture	Ashburn, Dulles Planning Subareas	Capital Needs Assessment	No Estimate Available
STEM Library	Parks, Recreation, and Culture	Catoctin	Board Priority	\$64,400,000 - \$67,600,000
Teen Center	Parks, Recreation, and Culture	Undetermined	Board Priority	\$16,900,000 - \$17,700,000
Western Loudoun Library	Parks, Recreation, and Culture	Undetermined	Board Priority	\$41,700,000 - \$43,800,000
Courts Evidence Storage Facility	Public Safety	Undetermined	Department Priority	\$15,200,000 - \$16,000,000
Fire and Rescue - Station #05/#17-Hamilton Station Replacement	Public Safety	Catoctin	Department Priority	\$28,600,000 - \$30,000,000
Fire and Rescue Training Tower	Public Safety	Leesburg	Department Priority	\$2,300,000 - \$2,400,000
Fire Station – East (2)	Public Safety	Ashburn Planning Subarea	Capital Needs Assessment	\$30,700,000 - \$33,400,000
Juvenile Detention Center – Phase II	Public Safety	Leesburg	Department Priority	No Estimate Available
Arcola Boulevard Widening	Roads	Dulles	Countywide Transportation Plan	No Estimate Available
Arcola Mills Drive – Stone Springs Blvd to Loudoun County Parkway	Roads	Little River	Board Priority	\$46,300,000 - \$48,600,000
Belmont Ridge Road – Arcola Mills Drive to Shreveport Drive	Roads	Little River	Board Priority	\$57,700,000 - \$60,600,000
Belmont Ridge Road Corridor Safety & Operational Study	Roads	Countywide	Board Priority	No Estimate Available
Braddock Road, Segment 2B – Loudoun County Parkway to Bull Run Post Office Road	Roads	Dulles	Board Priority	\$23,400,000 - \$24,600,000
Braddock Road, Segment 3 – Bull Run Post Office Rd to Fairfax County Line	Roads	Dulles	Countywide Transportation Plan	\$45,800,000 - \$48,100,000
Davis Drive Bridge	Roads	Sterling	Board Priority	\$46,700,000 - \$49,000,000
Davis Drive Extension Innovation to Rock Hill Connector	Roads	Sterling	Countywide Transportation Plan	\$50,100,000 – \$52,570,000
Dulles Greenway Interchange at Loudoun County Parkway Improvements	Roads	Broad Run	Board Priority	\$15,200,000 - \$16,000,000
Evergreen Mills / Watson Road Corridor Improvements	Roads	Leesburg, Little River	Board Priority	\$12,000,000 - \$16,000,000
Pacific Boulevard Extension from Old Ox Road to Route 28	Roads	Dulles	Board Priority	\$36,000,000 - \$39,600,000
Route 15 Improvements, Montresor to POR, Phase 4	Roads	Catoctin	Board Priority	\$46,600,000 - \$48,900,000
Route 15 Improvements, Montresor to POR, Phase 5	Roads	Catoctin	Board Priority	\$58,000,000 – \$60,800,000



## Projects Identified for Future Development

Project	Functional Area	Election District	Source	Cost Range
Route 15 Improvements, Montresor to POR, Phase 6	Roads	Catoctin	Board Priority	\$73,560,000 – \$77,200,000
Route 15 Improvements, Montresor to POR, Phase 7	Roads	Catoctin	Board Priority	\$51,700,000 – \$54,300,000
Route 15 South Corridor Improvements	Roads	Catoctin, Little River	Board Priority	\$44,000,000 - \$54,200,000
Route 50 – Arcola Boulevard – Gum Spring Road Interchange	Roads	Dulles	Countywide Transportation Plan	No Estimate Available
Route 50 – Northstar Boulevard Interchange	Roads	Dulles	Board Priority	No Estimate Available
Route 50 – Tall Cedars Parkway North Collector Road Interchange	Roads	Dulles	Countywide Transportation Plan	No Estimate Available
Route 50 Widening from Loudoun County Parkway to Tall Cedars Parkway	Roads	Dulles	Board Priority	\$97,700,000 - \$102,600,000
Route 606 Widening	Roads	Countywide	Countywide Transportation Plan	No Estimate Available
Route 7 Improvements, Phase 4 – Route 9 to Route 704	Roads	Catoctin	Board Priority	\$68,300,000 - \$71,700,000
Route 7 Improvements, Phase 5 – Route 704 to Route 287	Roads	Catoctin	Board Priority	\$73,000,000 - \$76,700,000
Route 7 Improvements, Phase 6 – Route 287 to Route 690	Roads	Catoctin	Board Priority	\$96,400,000 - \$101,200,000
Route 9 Long Term Improvements	Roads	Catoctin	Board Priority	\$155,900,000 - \$186,900,000
Route 9 Mid-Term Improvements	Roads	Catoctin	Board Priority	\$10,970,000 - \$14,700,000
Route 9 Short-Term Improvements	Roads	Catoctin	Board Priority	\$545,000 - \$2,360,000
Russel Branch Corridor Improvements	Roads	Broad Run	Board Priority	\$12,320,000 - \$16,350,000
Safety Audit Improvements: Evergreen Mills Road, North of Fleetwood Rd/Creighton Rd	Roads	Little River	Board Priority	\$21,800,000 - \$22,900,000
Ashburn Road – Parallel Pedestrian Bridge over Beaverdam Run	Sidewalks and Trails	Broad Run	Board Priority	\$5,000,000 - \$10,000,000
Belmont Ridge Road Bicycle and Pedestrian Crossing of Dulles Greenway	Sidewalks and Trails	Ashburn	Board Priority	\$18,290,000 - \$19,204,500
Belmont Ridge Road Corridor Safety and Operational Improvements	Sidewalks and Trails	Broad Run / Little River	Board Priority	\$1,588,000 - \$1,667,400
Claiborne Parkway Bicycle and Pedestrian Crossing of Route 7	Sidewalks and Trails	Ashburn / Broad Run	Board Priority	\$15,530,000 - \$16,306,500
Montresor Road Pedestrian Facility	Sidewalks and Trails	Catoctin	Board Priority	No Estimate Available
Route 7 Corridor: Route 28 to Fairfax County Line	Sidewalks and Trails	Algonkian, Broad Run, Sterling	Department Priority	\$515,100,000 - \$540,900,000
Sycolin Road Bicycle and Pedestrian Crossing of Dulles Greenway	Sidewalks and Trails	Ashburn	Board Priority	\$13,210,000 - \$13,870,500
Transit Bus Maintenance Facility	Transit	Undetermined	Capital Needs Assessment	No Estimate Available

