

TransAction Plan Project List *Draft for Public Comment*

Spring/Summer 2017

This project list includes a brief description of the 358 candidate regional projects included in TransAction. The projects are listed by Corridor Segment. Larger projects are listed under each Corridor Segment in which they are located, and may appear multiple times in this project list.



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NVTATransAction.org/

TransAction Corridors



★ MWCOG Activity Center

- # Corridor - Segment

NVTA Regional Travel Corridors

Corridor 1: Route 7/Dulles Toll Road/Silver Line

Corridor 2: Loudoun County Parkway/Bi-County Parkway/Route 234

Corridor 3: Route 28

Corridor 4: Prince William Parkway

Corridor 5: Fairfax County Parkway

Corridor 6: I-66/US 29/US 50/Orange-Silver Line/VRE Manassas

Corridor 7: I-495

Corridor 8: I-95/I-395/US 1/VRE Fredericksburg/Blue-Yellow Line

Corridor 9: US 15

Corridor 10: Columbia Pike/Braddock Road/VRE Manassas

Corridor 11: US 50

Segment 1-1: Rt. 7/Rt. 9 — West Virginia state line to Town of Leesburg

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 1 | 11 | Transit | West Loudoun "Gateway" Park-and-ride | Construct three new park-and-ride lots in West Loudoun (Hillsboro, Round Hill, and Lucketts) |
| 2 | 14 | Transit | Transit Connections to Silver Line Phase II Stations | Expand bus service and connections to Silver Line Phase II stations. Provide feeder bus service between Metrorail and P&R lots. Purchase buses for new service. |
| 3 | 109 | Transit | Loudoun County Phase III Bus Service | Implement Phase III bus service in Loudoun County, including local, express, intercounty, commuter, and demand-response services |
| 4 | 164 | Roadway | Construct Purcellville VA 7 North Collector Rd | Construct Purcellville VA 7 North Collector Rd between the eastern Purcellville JLMA boundary (east of VA 287/Berlin Turnpike) and Hillsboro Rd (VA 690): Construct a 4-lane roadway. |
| 5 | 167 | Roadway | Widen VA 7, W Market St to Charles Town Pike | Widen VA 7 (Harry Byrd Highway) from 4 to 8 lanes between West Market St (VA 7 business) and Charles Town Pike (VA 9). Construct grade-separated interchange at White Gate Place and remove all remaining at-grade access. |
| 6 | 172 | Roadway | Widen VA 7 Bypass (Purcellville) | Widen VA 7 Bypass (Harry Byrd Highway) from 4 to 6 lanes between VA 9 (Charles Town Pike) and VA 7 Business (West Loudoun St). Construct grade-separated interchanges at Hillsboro Rd (VA 690) and west of Round Hill at VA 7 business (West Loudoun St). |
| 7 | 302 | Roadway | Leesburg Bypass | Widen VA 7 to 6 lanes (limited access) from US 15 King St to West Market Street interchange. |
| 8 | 304 | Roadway | VA 7 "hot spot" and safety improvements | "Hot Spot" and safety improvements on VA 7 from the Fairfax County Line to the Clarke County Line, as directed by the Board. |
| 9 | 305 | Roadway | VA 7 "hot spot" and safety improvements | "Hot Spot" and safety improvements on VA 7 Business from VA 9 at Clark's Gap to VA 7 west of Round Hill, as directed by the Board. |

Segment 1-1: Rt. 7/Rt. 9 — West Virginia state line to Town of Leesburg

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 10 | 306 | Roadway | VA 9 "hot spot" and safety improvements | "Hot Spot" and safety improvements on VA 9 from the West Virginia State Line to VA 7 (Harry Byrd Highway), as directed by the Board. |
| 11 | 308 | Roadway | VA 287 "hot spot" and safety improvements | "Hot Spot" and safety improvements on VA 287 from VA 7 Business to the Maryland State Line, as directed by the Board. |
| 12 | 313 | Transit | Transit buses purchase | Purchase of buses in support of Loudoun County's transit services. |
| 13 | 323 | Roadway | VA Route 9 Traffic Calming | Construct safety improvements, traffic calming, and lane widening on Route 9 (Charles Town Pike), including the Town of Hillsboro. Project may include roundabouts and other pedestrian safety improvements |
| 14 | 345 | Roadway | Route 7 Reversible Lanes | Construct reversible lanes on VA-7 Leesburg Bypass between the Greenway Toll Road and VA-9 |

Segment 1-2: Rt. 7/Dulles Greenway — Town of Leesburg to Rt. 28

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 1 | 10 | Transit | East Loudon Park-and-ride | Construct new park-and-ride lots at VA 7 at Dulles Town Center and VA 7 at VA 659 |
| 2 | 12 | Bike/Ped | Leesburg-Alexandria VA 7 Trail | Construct trail along VA 7 from Leesburg to Alexandria |
| 3 | 14 | Transit | Transit Connections to Silver Line Phase II Stations | Expand bus service and connections to Silver Line Phase II stations. Provide feeder bus service between Metrorail and P&R lots. Purchase buses for new service. |
| 4 | 16 | Transit | Leesburg North Park-and-Ride | Construct Leesburg North Park-and-Ride Lot with 300 spaces at Crosstrail Blvd |
| 5 | 17 | Transit | One Loudoun Park-and-Ride | Construct 200 space park-and-ride lot at One Loudoun near the corner of VA 7 and Loudoun County Parkway |
| 6 | 20 | Roadway | Davis Drive Extension & Dulles Toll Road - Rock Hill Overpass | Extend Davis Dr (VA 868) from Glenn Drive (VA 864) to Fairfax County line at the future bridge over VA Route 267. Realign Rock Hill Rd with Davis Drive. Construct a 4-lane roadway over the Dulles Toll Road from Sunrise Valley Drive on the south, to Davis Drive extension in Loudoun County on the north side. The project would include pedestrian and bicycle facilities. |
| 7 | 24 | Roadway | Outer Potomac River Crossing | Construct crossing of Potomac River between Route 28 in Virginia to I-270 in Maryland |
| 8 | 27 | Roadway | VA 28 Widening, I-66 to Loudoun | Widen VA 28 to 10 lanes between I-66 and Loudoun County (8 GP + 2 HOV) |
| 9 | 32 | Transit | VA 28 LRT/BRT | Construct LRT / BRT line parallel to VA 28 from Manassas to Dulles Airport |
| 10 | 33 | Bike/Ped | VA 28 Trail | Construct a shared used path on both sides of VA 28 from Prince William County line to Dulles Toll Road |
| 11 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |

Segment 1-2: Rt. 7/Dulles Greenway — Town of Leesburg to Rt. 28

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 12 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 13 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 14 | 93 | Roadway | Interchange at US 15 and Battlefield Pkwy | Construct grade-separated interchange at US 15 (Leesburg Bypass) and Battlefield Parkway |
| 15 | 100 | Transit | Metrorail Fleet Expansion | Expand Metrorail fleet to enable operations of 100 percent eight-car trains during peak period. Expansion, upgrades, and replacements of the rail car fleet, traction power substations, power cabling, third rail, train control systems, and storage facilities. |
| 16 | 108 | Transit | Metrorail Real-Time Parking Info | Deployment of real-time parking information signage at WMATA rail stations |
| 17 | 109 | Transit | Loudoun County Phase III Bus Service | Implement Phase III bus service in Loudoun County, including local, express, intercounty, commuter, and demand-response services |
| 18 | 120 | Roadway | Waxpool Rd / Loudoun County Pkwy Intersection Improvements | Improve intersection at Waxpool Rd / Loudoun County Pkwy to include three westbound left-turn lanes on Waxpool Rd and a new free-flow right turn lane on Loudoun County Pkwy |
| 19 | 121 | Roadway | Westwind Drive Extension | Construct Westwind Dr / Ladbrook Dr (VA 645) to be 4 lanes across Broad Run between Loudoun County Pkwy (VA 607) and Old Ox Rd (VA 606). Construct a new grade-separated interchange at Old Ox Rd (VA 606). |
| 20 | 128 | Roadway | Widen Route 15, Harmony Church Rd to Mason Lane | Widen Route 15 to four lanes from Harmony Church Rd to Mason Lane |

Segment 1-2: Rt. 7/Dulles Greenway — Town of Leesburg to Rt. 28

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 21 | 129 | Roadway | VA 7 Widening, Battlefield Pkwy to Leesburg ECL | Widen VA 7 from 6 to 8 lanes between Battlefield Pkwy and Leesburg ECL |
| 22 | 130 | Roadway | Route 15 Bypass / Edwards Ferry Road Interchange | Construct a grade-separated interchange at the Route 15 Leesburg Bypass and Edwards Ferry Rd in Leesburg. Includes grade separated interchange at For Evans Rd intersection |
| 23 | 144 | Roadway | Lockridge Rd Widening | Widen Lockridge Rd (VA 789) to 4 lanes from Old Ox Rd (VA 606) to Prentice Dr (VA 1071). Provides access for VA 606 Metrorail Station. Extend Lockridge Rd (VA 789) from Prentice Dr (VA 1071) to Waxpool Rd (VA 640) - construct 4 lanes. |
| 24 | 145 | Roadway | Sterling Blvd Widening | Widen Sterling Blvd (VA 846) from Sully Road (VA 28) to Davis Drive (VA 868) from 4 to 6 lanes. |
| 25 | 146 | Roadway | Sterling Blvd Extension | Extend Sterling Blvd (VA 846) from Randolph Drive (VA 1072) to Pacific Blvd (VA 1036) - construct 4 lanes. |
| 26 | 147 | Roadway | Pacific Blvd Extension | Extend Pacific Blvd (VA 28 West Collector Rd) from Old Ox Rd (VA 606) to Innovation Ave (VA 209): Widen/construct 6-lane roadway. Potential modification to existing VA 28/Innovation Ave interchange. |
| 27 | 148 | Roadway | Russell Branch Parkway Widening | Widen Russell Branch Pkwy (VA 7 South Collector Rd) between Pacific Blvd (VA 1036) and Claiborne Pkwy (VA 901): Widen/construct a 6-lane roadway. |
| 28 | 149 | Roadway | Prentice Drive Extension | Extend Prentice Drive west from Lockridge Road (VA 789) to Shellhorn Road (VA 643) - construct 4 lanes. |
| 29 | 150 | Roadway | Prentice Dr Extension to Greenway Transit | Construct Prentice Dr extension (new connection) to Greenway transit (Phase II Metrorail station) |
| 30 | 151 | Roadway | Widen Smith Switch Road | Widen Smith Switch Rd (VA 1950) from 2 to 4 lanes between Waxpool Road (VA 625) and Gloucester Pkwy (VA 2150) |
| 31 | 153 | Roadway | Widen/Complete Riverside Parkway | Widen and complete Riverside Pkwy (VA 2401) from 4 to 6 lanes between Loudoun County Pkwy (VA 607) and Belmont Ridge Rd (VA 659). |

Segment 1-2: Rt. 7/Dulles Greenway — Town of Leesburg to Rt. 28

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 32 | 154 | Roadway | Widen VA 28, Fairfax County line to VA 606 | Widen VA 28 (Sully Rd) from 6 to 10 lanes between Fairfax County line and Old Ox Rd (VA 606). Study of alternative uses (bus lanes, HOV) to be considered. |
| 33 | 155 | Roadway | Construct Airport Area Connector | Construct Airport Area Connector between Battlefield Pkwy and Crosstail Blvd (VA 653) just east of VA 267: Construct 4 lanes. |
| 34 | 157 | Roadway | Widen/Extend Battlefield Parkway | Widen Battlefield Pkwy to six lanes from Edwards Ferry Rd to US 15 (South King Street opposite Meade Drive). |
| 35 | 158 | Roadway | Widen VA 28, VA 7 to Old Ox Rd | Widen VA 28 (Sully Rd) from 6 to 8 lanes between Old Ox Rd (VA 606) and VA 7 (Harry Byrd Highway). Study of alternative uses (bus lanes, HOV) to be considered. |
| 36 | 161 | Roadway | Construct Greenway Loop Road (Barrister St) | Construct Greenway Loop Rd (Barrister St) between State Street/Landmark Court and Prentice Dr (VA 1071/VA 789 Extended): Construct a 4-lane roadway, including a bridge over VA 267. |
| 37 | 162 | Roadway | Widen VA 7, Leesburg Bypass to Atlantic Blvd (Harry Byrd Highway/East Market Street) | Widen VA 7 (Harry Byrd Highway) to 8 lanes between US 15 (Leesburg Bypass) and Atlantic Blvd (VA 1902). Study of alternative uses (bus lanes, HOV) to be considered for segment between VA 28 and Leesburg Bypass. |
| 38 | 163 | Roadway | Construct Moorefield Blvd | Construct Moorefield Blvd between Mooreview Pkwy (VA 772) and Loudoun County Pkwy (VA 607): Construct 3 lanes between Beth St and Centergate Dr, 4 lanes between Mooreview Pkwy and Beth St, and between Centergate Dr and Loudoun County Pkwy. |
| 39 | 166 | Roadway | Widen Innovation Avenue | Widen Innovation Avenue (VA 209) between VA 28 (Sully Rd) and Fairfax County line from 4 to 6 lanes. Road to be realigned along northern boundary of Dulles World Center site. Includes connection to Rock Hill Rd (VA 605). Potential future modification to existing Route 28/Innovation interchange. |

Segment 1-2: Rt. 7/Dulles Greenway — Town of Leesburg to Rt. 28

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 40 | 167 | Roadway | Widen VA 7, W Market St to Charles Town Pike | Widen VA 7 (Harry Byrd Highway) from 4 to 8 lanes between West Market St (VA 7 business) and Charles Town Pike (VA 9). Construct grade-separated interchange at White Gate Place and remove all remaining at-grade access. |
| 41 | 171 | Roadway | Widen Old Ox Rd, VA 28 to Fairfax County line | Widen Old Ox Rd (VA 606) to 6 lanes between VA 28 (Sully Rd) and Fairfax County line / Herndon town limits. |
| 42 | 173 | Roadway | Widen Old Ox Rd, VA 28 to Dulles Greenway | Widen Old Ox Rd (VA 606) to 6 lanes between VA 28 (Sully Rd) and VA 267 (Dulles Greenway). |
| 43 | 174 | Roadway | Widen Loudoun County Pkwy, GW Blvd to Waxpool Rd | Widen Loudoun County Pkwy (VA 607) to 6 lanes from George Washington Blvd (VA 1050) to Waxpool Rd (VA 625). |
| 44 | 175 | Roadway | Widen Loudoun County Pkwy, Waxpool Rd to VA 267 | Widen Loudoun County Pkwy (VA 607) to 6 lanes from Waxpool Rd (VA 625) to Dulles Greenway (VA 267) |
| 45 | 176 | Roadway | Widen Loudoun County Pkwy, VA 267 to Old Ox Rd | Widen Loudoun County Pkwy from 4 to 6 lanes between VA 267 (Dulles Greenway) and Old Ox Rd (VA 606), near existing Arcola Rd |
| 46 | 179 | Roadway | Widen Evergreen Mills Rd from VA 621 Relocated to Battlefield Pkwy | Widen Evergreen Mills Rd (VA 621) from 2 to 4 lanes between Shreveport Dr (VA 621 Relocated) and Battlefield Pkwy. |
| 47 | 180 | Roadway | Widen Evergreen Mills Rd from Battlefield Pkwy to US 15 (South King Street) | Widen Evergreen Mills Rd (VA 621) from 2 to 4 lanes between Battlefield Pkwy and US 15 (South King St). |
| 48 | 181 | Roadway | Widen VA 625 (Waxpool Rd / Farmwell Rd) | Widen Waxpool Rd (VA 625) to 6 lanes between Church Rd and Ashburn Rd (VA 641). |
| 49 | 182 | Roadway | Widen Sycolin Rd | Widen Sycolin Rd (VA 625) to 4 lanes between Belmont Ridge Rd (VA 659) and Battlefield Pkwy. Realign Sycolin Rd to accommodate expansion of Leesburg Airport**. |
| 50 | 183 | Roadway | Extend Shellhorn Rd | Extend Shellhorn Rd (VA 643) between Loudoun County Pkwy (VA 607) and Randolph Drive (VA 1072) - 4 lanes. |

Segment 1-2: Rt. 7/Dulles Greenway — Town of Leesburg to Rt. 28

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 51 | 184 | Roadway | Crosstrail Blvd (VA 653) (limits VA 7 to VA 267) | Construct missing segments and widen Crosstrail Blvd (VA 653) to six lanes between East Market St (VA 7) and the Dulles Greenway (VA 267), and extend Crosstrail Blvd from the Greenway to Evergreen Mills Rd. |
| 52 | 185 | Roadway | Widen Belmont Ridge Rd from VA 2401 to VA 7 | Widen Belmont Ridge Rd (VA 659) from 4 lanes to 6 lanes between Riverside Pkwy (VA 2401) and VA 7 (Harry Byrd Highway). |
| 53 | 188 | Roadway | Widen Relocation Drive | Widen Relocation Dr (VA 775) from 2 to 4 lanes between Old Ox Rd (VA 606) and Pacific Blvd (VA 1036). |
| 54 | 190 | Roadway | Widen US 15 | Widen US 15 to 4 lanes from Battlefield Pkwy interchange to VA 740 (Tutt Lane) |
| 55 | 191 | Roadway | Improve interchange, VA 28 at Old Ox Rd | Improve grade-separated intersection, VA 28 at Old Ox Rd |
| 56 | 192 | Roadway | Construct interchange, VA 7 at Battlefield Pkwy | Construct grade-separated interchange, VA 7 at Battlefield Pkwy |
| 57 | 200 | Transit | New Manassas to Dulles OmniRide | Implement new transit service from Manassas to Dulles Airport via Route 28. Requires additional 4 buses. |
| 58 | 201 | Transit | New Gainesville / Haymarket to Dulles OmniRide | Implement new transit service from Gainesville and Haymarket to Dulles Airport via I-66 HOV lanes and Route 28. Requires 2 additional buses. |
| 59 | 212 | Roadway | Widen Dulles Airport Access Road | Widen Dulles Airport Access Road from Dulles Airport to VA 123 |
| 60 | 233 | Roadway | Construct VA 606 ramp | Construct VA 606 ramp |
| 61 | 234 | Roadway | Construct eastern segment of Russell Branch Parkway | Construct four lanes of eastern segment of Russell Branch Parkway from Belmont Ridge Road to Tournament Parkway. |
| 62 | 289 | Transit | Loudoun Metrorail Station Pedestrian Improvements | Construct sidewalks, crosswalks, shared-use trails, and intersection improvements to improve pedestrian access to Silver Line Metro Stations (Route 606 and 772) in Loudoun County |
| 63 | 302 | Roadway | Leesburg Bypass | Widen VA 7 to 6 lanes (limited access) from US 15 King St to West Market Street interchange. |
| 64 | 303 | Roadway | Leesburg Bypass | Widen VA 7/US 15 to 6 lanes (limited access) from the East Market Street interchange to the US 15 interchange. |

Segment 1-2: Rt. 7/Dulles Greenway — Town of Leesburg to Rt. 28

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 65 | 304 | Roadway | VA 7 "hot spot" and safety improvements | "Hot Spot" and safety improvements on VA 7 from the Fairfax County Line to the Clarke County Line, as directed by the Board. |
| 66 | 307 | Roadway | US 15 "hot spot" and safety improvements | "Hot Spot" and safety improvements on US 15 from the Prince William County Line to the Maryland State Line, as directed by the Board. |
| 67 | 309 | Roadway | Extend Russell Branch Parkway (Leesburg) | Extend Russell Branch Parkway (Leesburg) from Cochran Mill Road (VA 653) to Trailview Blvd: Construct a 4-lane roadway. |
| 68 | 313 | Transit | Transit buses purchase | Purchase of buses in support of Loudoun County's transit services. |
| 69 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 70 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 71 | 345 | Roadway | Route 7 Reversible Lanes | Construct reversible lanes on VA-7 Leesburg Bypass between the Greenway Toll Road and VA-9 |
| 72 | 346 | Roadway | Dulles Greenway Merge Lanes | Construct additional capacity on Dulles Greenway at merges, particularly at the connections with the Dulles Toll Road, to allows for better operation and weave movements. |
| 73 | 347 | Roadway | VA-28 Reversible HOV Lanes | Implement reversible HOV lanes on VA-28 between I-66 and the Dulles Toll Road during AM and PM peak periods |

Segment 1-3: Rt. 7/Dulles Toll Road/Silver Line — Rt. 28 to Tysons

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 1 | 1 | Transit | VA 7 Transit: Tysons - Mark Center | Construct Bus Rapid Transit line along VA 7 between Tysons and Mark Center with a connection to East Falls Church Metrorail Station |
| 2 | 5 | Roadway | Interchange at VA 267 and Greensboro Dr | Construct partial grade-separated interchange at VA 267 and Greensboro Dr / Tyco Dr |
| 3 | 6 | Roadway | Interchange at VA 267 and Boone Blvd | Construct partial grade-separated interchange at VA 267 and Boone Blvd |
| 4 | 8 | Roadway | Soapstone Dr Extension | Extend Soapstone Dr over Dulles Toll Road |
| 5 | 10 | Transit | East Loudon Park-and-ride | Construct new park-and-ride lots at VA 7 at Dulles Town Center and VA 7 at VA 659 |
| 6 | 12 | Bike/Ped | Leesburg-Alexandria VA 7 Trail | Construct trail along VA 7 from Leesburg to Alexandria |
| 7 | 13 | Roadway | Herndon Metrorail Station Pedestrian/Bike Improvements | <p>Implement roadway, bicycle, and pedestrian improvements to improve access to the Herndon Metrorail Station, including:</p> <ul style="list-style-type: none"> i. Construct an extension to the Folly Lick Trail from Van Buren St to future Herndon Metrorail station; ii. Continue improvements of the W&OD Trail on select sections within Herndon town limits; iii. Construct extension of Sugarland Run Trail from existing terminus to pedestrian access pavilion at future Herndon Metrorail station; iv. Construct missing regional links in Folly Lick Region Trail between Wiehle Ave and connection with W&OD Trail; v. Reconstruct Herndon Parkway with 'Complete Street' improvements to include 1-way cycle tracks, wide sidewalks and bus stop enhancements (between Van Buren Street and W&OD Regional Trail) to connect with Herndon Metrorail Station; vi. Reconstruct Van Buren Street between Old Spring St and town limits with 'Complete Streets' improvements to expand and enhance on and off-street |

Segment 1-3: Rt. 7/Dulles Toll Road/Silver Line — Rt. 28 to Tysons

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 8 | 14 | Transit | Transit Connections to Silver Line Phase II Stations | Expand bus service and connections to Silver Line Phase II stations. Provide feeder bus service between Metrorail and P&R lots. Purchase buses for new service. |
| 9 | 18 | Roadway | Dulles Toll Road - Town Center Parkway Underpass | Construct 4-lane divided roadway under the Dulles Toll Road from Sunrise Valley Drive to Sunset Hills Road |
| 10 | 20 | Roadway | Davis Drive Extension & Dulles Toll Road - Rock Hill Overpass | Extend Davis Dr (VA 868) from Glenn Drive (VA 864) to Fairfax County line at the future bridge over VA Route 267. Realign Rock Hill Rd with Davis Drive. Construct a 4-lane roadway over the Dulles Toll Road from Sunrise Valley Drive on the south, to Davis Drive extension in Loudoun County on the north side. The project would include pedestrian and bicycle facilities. |
| 11 | 21 | Roadway | Hunter Mill Road/Sunset Hills Road Improvements | Widen Hunter Mill Road to four lanes between Crowell Road and VA 267 Dulles Toll Road. Widen Sunset Hills Road to four lanes between Wiehle Ave and Hunter Mill Road, realigned with Crowell Road. |
| 12 | 23 | Bike/Ped | Herndon Bike-Sharing Services | Introduce and expand bike-sharing services in Herndon |
| 13 | 24 | Roadway | Outer Potomac River Crossing | Construct crossing of Potomac River between Route 28 in Virginia to I-270 in Maryland |
| 14 | 27 | Roadway | VA 28 Widening, I-66 to Loudoun | Widen VA 28 to 10 lanes between I-66 and Loudoun County (8 GP + 2 HOV) |
| 15 | 29 | Roadway | Centreville Rd Widening | Widen VA 657 (Centreville Road) to six lanes between Herndon Pkwy and Walney Rd |
| 16 | 32 | Transit | VA 28 LRT/BRT | Construct LRT / BRT line parallel to VA 28 from Manassas to Dulles Airport |
| 17 | 33 | Bike/Ped | VA 28 Trail | Construct a shared used path on both sides of VA 28 from Prince William County line to Dulles Toll Road |
| 18 | 37 | Roadway | Fairfax County Pkwy HOV Widening (Dulles Toll Rd) | Widen Fairfax County Pkwy by adding HOV lanes from Dulles Toll Rd to VA 7 |

Segment 1-3: Rt. 7/Dulles Toll Road/Silver Line — Rt. 28 to Tysons

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 19 | 42 | Transit | Fairfax County Pkwy Priority Bus Service | Implement priority bus service on Fairfax County Parkway between Herndon/Monroe Metrorail station and Ft. Belvoir |
| 20 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |
| 21 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 22 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 23 | 97 | Transit | Columbia Pike Priority Transit Network (PrTN) | Provide priority transit service from Skyline to Crystal City via Pentagon City, including limited-stop bus service, improved headways, and 24 transit stations. |
| 24 | 100 | Transit | Metrorail Fleet Expansion | Expand Metrorail fleet to enable operations of 100 percent eight-car trains during peak period. Expansion, upgrades, and replacements of the rail car fleet, traction power substations, power cabling, third rail, train control systems, and storage facilities. |
| 25 | 105 | Transit | Metrobus Priority Corridor Network Plan | PCN Improvements will include improved transit signal priority and exclusive bus lanes, increased frequency and span of service. Improved customer information, expanded fare payment options, enhanced bus stops and facilities. Metrobus service improvements on these routes: CC-PY{9A, E, S, X}; Leesburg Pike{28A, 28X, 28F, G, T}; Little River Tpke/Duke St{29K, N, 29C, E, H} |

Segment 1-3: Rt. 7/Dulles Toll Road/Silver Line — Rt. 28 to Tysons

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 26 | 108 | Transit | Metrorail Real-Time Parking Info | Deployment of real-time parking information signage at WMATA rail stations |
| 27 | 109 | Transit | Loudoun County Phase III Bus Service | Implement Phase III bus service in Loudoun County, including local, express, intercounty, commuter, and demand-response services |
| 28 | 123 | Roadway | Fairfax County Pkwy / Sunrise Valley Dr Interchange | Construct a grade-separated interchange at Fairfax County Parkway and Sunrise Valley Dr |
| 29 | 152 | Roadway | Widen Gloucester Parkway | Widen Gloucester Parkway (VA 2150) from 4 to 6 lanes between VA 28 (Sully Rd) and Loudoun County Pkwy (VA 607). |
| 30 | 154 | Roadway | Widen VA 28, Fairfax County line to VA 606 | Widen VA 28 (Sully Rd) from 6 to 10 lanes between Fairfax County line and Old Ox Rd (VA 606). Study of alternative uses (bus lanes, HOV) to be considered. |
| 31 | 158 | Roadway | Widen VA 28, VA 7 to Old Ox Rd | Widen VA 28 (Sully Rd) from 6 to 8 lanes between Old Ox Rd (VA 606) and VA 7 (Harry Byrd Highway). Study of alternative uses (bus lanes, HOV) to be considered. |
| 32 | 162 | Roadway | Widen VA 7, Leesburg Bypass to Atlantic Blvd (Harry Byrd Highway/East Market Street) | Widen VA 7 (Harry Byrd Highway) to 8 lanes between US 15 (Leesburg Bypass) and Atlantic Blvd (VA 1902). Study of alternative uses (bus lanes, HOV) to be considered for segment between VA 28 and Leesburg Bypass. |
| 33 | 166 | Roadway | Widen Innovation Avenue | Widen Innovation Avenue (VA 209) between VA 28 (Sully Rd) and Fairfax County line from 4 to 6 lanes. Road to be realigned along northern boundary of Dulles World Center site. Includes connection to Rock Hill Rd (VA 605). Potential future modification to existing Route 28/Innovation interchange. |
| 34 | 171 | Roadway | Widen Old Ox Rd, VA 28 to Fairfax County line | Widen Old Ox Rd (VA 606) to 6 lanes between VA 28 (Sully Rd) and Fairfax County line / Herndon town limits. |
| 35 | 174 | Roadway | Widen Loudoun County Pkwy, GW Blvd to Waxpool Rd | Widen Loudoun County Pkwy (VA 607) to 6 lanes from George Washington Blvd (VA 1050) to Waxpool Rd (VA 625). |

Segment 1-3: Rt. 7/Dulles Toll Road/Silver Line — Rt. 28 to Tysons

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 36 | 200 | Transit | New Manassas to Dulles OmniRide | Implement new transit service from Manassas to Dulles Airport via Route 28. Requires additional 4 buses. |
| 37 | 201 | Transit | New Gainesville / Haymarket to Dulles OmniRide | Implement new transit service from Gainesville and Haymarket to Dulles Airport via I-66 HOV lanes and Route 28. Requires 2 additional buses. |
| 38 | 212 | Roadway | Widen Dulles Airport Access Road | Widen Dulles Airport Access Road from Dulles Airport to VA 123 |
| 39 | 222 | Roadway | Widen/upgrade/convert VA 286 Fairfax County Parkway to include HOV lanes | Widen/upgrade/convert VA 286 Fairfax County Parkway to include HOV lanes from VA 267 Dulles Toll Road to I-66. |
| 40 | 225 | Roadway | Construct Collector-Distributor Road (EB/WB) that parallels Dulles Toll Rd | Construct Collector-Distributor Road (EB/WB) that parallels Dulles Toll Rd from Wiehle Ave to Spring Hill Road. |
| 41 | 228 | Roadway | Widen Reston Parkway | Widen Reston Parkway from 4 to 6 lanes between South Lakes Dr and Dulles Toll Road VA 267 |
| 42 | 231 | Roadway | Boone Boulevard Extension | Construct Boone Boulevard Extension (4 lanes) from VA 123 Chain Bridge Road to Ashgrove Lane. |
| 43 | 304 | Roadway | VA 7 "hot spot" and safety improvements | "Hot Spot" and safety improvements on VA 7 from the Fairfax County Line to the Clarke County Line, as directed by the Board. |
| 44 | 313 | Transit | Transit buses purchase | Purchase of buses in support of Loudoun County's transit services. |
| 45 | 330 | Transit | Fairfax County Express Bus, Reston / Franconia-Springfield | Implement express bus service along VA 286 Fairfax County Parkway between Reston Metro and Franconia-Springfield Metro |
| 46 | 332 | Roadway | Construct lanes on Reston Parkway | Construct lanes on Reston Parkway from Sunrise Valley Drive to Baron Cameron Ave. |
| 47 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 48 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 49 | 347 | Roadway | VA-28 Reversible HOV Lanes | Implement reversible HOV lanes on VA-28 between I-66 and the Dulles Toll Road during AM and PM peak periods |

Segment 1-3: Rt. 7/Dulles Toll Road/Silver Line — Rt. 28 to Tysons

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--------------------|---|
| 50 | 348 | Transit | Reston Express Bus | Implement Express bus service between Reston Town Center and Fairfax Center via Reston Parkway and West Ox Rd |

Segment 1-4: Rt. 7/Dulles Toll Road/Silver Line — Tysons to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 1 | 1 | Transit | VA 7 Transit: Tysons - Mark Center | Construct Bus Rapid Transit line along VA 7 between Tysons and Mark Center with a connection to East Falls Church Metrorail Station |
| 2 | 2 | Roadway | VA 7 Widening, VA 123 to I-495 | Widen VA 7 from six to eight lanes from VA 123 (Chain Bridge Rd) to I-495 (Capital Beltway) |
| 3 | 3 | Roadway | VA 7 Widening, I-495 to I-66 | Widen VA 7 from four to six lanes from I-495 to I-66 |
| 4 | 4 | Roadway | VA 7 Widening, Seven Corners to Bailey's Crossroads | Widen VA 7 from four to six lanes between Seven Corners and Bailey's Crossroads |
| 5 | 5 | Roadway | Interchange at VA 267 and Greensboro Dr | Construct partial grade-separated interchange at VA 267 and Greensboro Dr / Tyco Dr |
| 6 | 6 | Roadway | Interchange at VA 267 and Boone Blvd | Construct partial grade-separated interchange at VA 267 and Boone Blvd |
| 7 | 7 | Roadway | King/Quaker/Braddock Intersection Improvements | Construct intersection improvements at King St, Quaker Lane, and Braddock Road - Includes replacing the span wire traffic signals with mast arm signals which will allow for the placement of much needed directional signs, precise placement of signal heads and the installation of vehicle detection. These improvements will mitigate driver confusion and allow for a more efficient conveyance of vehicles and pedestrians through the intersection. Also included in this project are modifications to the slip ramp between King Street and the service road as well as modifying the entrance to the service road at North Quaker Lane. |
| 8 | 9 | Transit | Tysons Circulator | Implement Tysons Circulator System |
| 9 | 12 | Bike/Ped | Leesburg-Alexandria VA 7 Trail | Construct trail along VA 7 from Leesburg to Alexandria |
| 10 | 15 | Roadway | VA 123 Widening, VA 7 to Old Courthouse Rd | Widen VA 123 to six lanes from VA 7 to Old Courthouse Rd |

Segment 1-4: Rt. 7/Dulles Toll Road/Silver Line — Tysons to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 11 | 19 | Roadway | Seven Corners Ring Road Improvements | Construct ring road and improve interchange at Seven Corners to reduce congestion on Route 7, improve access between Seven Corners / Falls Church / Bailey's Crossroads, and facilitate redevelopment of the area. Improve safety, navigation of vehicles and cyclists/pedestrians in and throughout the area. |
| 12 | 22 | Bike/Ped | Bike Lanes Route 7 - Alexandria to Seven Corners | Construct protected bike lanes on both sides of VA 7 between Alexandria and Seven Corner. Connect with City of Falls Church's bicycle network. |
| 13 | 46 | Roadway | US 50 Widening, City of Fairfax to Arlington County | Widen US 50 inside the Beltway from 4 to 6 lanes from City of Fairfax to Arlington County. The project would include intersection improvements, including signalization improvements, and pedestrian and bike facilities |
| 14 | 49 | Transit | US 29 / US 50 Priority Bus | Implement priority bus service along US 29 and US 50 between Fair Oaks and Washington DC. |
| 15 | 50 | Transit | East Falls Church Metrorail Station Second Entrance | Planning, design, and construction of a full second entrance to EFC station, including new bus bays, a western mezzanine, and bicycle and pedestrian connections |
| 16 | 54 | Roadway | Falls Church Multimodal Improvements | Multimodal Improvements in the City's state-recognized revitalization areas (1) West Broad Street, (2) Washington Street Corridor, and (3) East End. These areas are all included in the COG-recognized Falls Church activity center. Improvements will include improved intersection geometry and signalization, improved pedestrian connectivity and accessibility, improved transit stops, and improved bicycle access |
| 17 | 55 | Bike/Ped | US 29 trail | Construct a trail along US 29 from Dixie Hill Rd to EFC Metrorail Station |

Segment 1-4: Rt. 7/Dulles Toll Road/Silver Line — Tysons to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 18 | 58 | Transit | East Falls Church Metrorail Station Multimodal Improvements | Construct Multimodal improvements, including new/restructured bus bays at the current station, bicycle and pedestrian connections, improve access and signalization on N Sycamore Street and Washington Blvd., and install Bikeshare stations. Improvements per the EFC Vision Plan |
| 19 | 59 | Transit | Lee Highway bus improvements | Improved local ART bus service on US 29 between Rosslyn and EFC. |
| 20 | 60 | Bike/Ped | Arlington Regional Trail Network | <p>Provide dedicated bike facilities, bikesharing and key sidewalk improvements on north-south corridors in Arlington to connect major east-west corridors with each other. Example corridors includes Carlin Springs Road, Walter Reed Drive/Fillmore Street, Harrison St, Washington Blvd, Rt 110, and others. Network also includes:</p> <ul style="list-style-type: none"> -Trail parallel to Washington Blvd between Arlington Blvd and Columbia Pike -Rehab of Custis Trail to current VDOT shared used path design and construction specifications in Rosslyn -Extension of Custis Trail north of I-66 between Kennebec and Quantico -Long Bridge Park Esplanade extension to Mt Vernon Trail -Arlington Blvd trail -Theodore Roosevelt Bridge connection to Mt Vernon Trail and Marine Corps War Memorial -Dedicated cycling facility along the Route 50 service road (south side), between N. Rhodes St. and N. Meade St. -Expansion of Arlington bicycle commuter routes: Bluemont Junction Trail, Custis |

Segment 1-4: Rt. 7/Dulles Toll Road/Silver Line — Tysons to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 21 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 22 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 23 | 63 | Transit | Route 50 Express Bus | Improve Route 50 - Orange Line bus connections. |
| 24 | 65 | Transit | Duke Street Transitway | Construct a four-mile segment of the high-capacity transitway on Duke Street within Alexandria. Reconstruct Duke Street from Wheeler Ave to Jordan St w/ a center left-turn lane. Construct bicycle and pedestrian improvements along corridor. The first phase would create dedicated transit lanes in existing six-lane sections of Duke Street between Landmark Mall and Jordan Street and between Roth Street and Diagonal Road. Between Jordan Street and Roth Street, transit would operate in mixed flow. |
| 25 | 66 | Transit | Wilson Bridge High Capacity Transit | Extend high capacity surface transit from Metrorail Yellow Line in Alexandria to the Green Line in Prince George's County. Related to I-495 priority bus service CLRP bus service project. Potential modes include LRT, BRT, or improved bus service on corridor between stations. |
| 26 | 67 | Transit | American Legion Bridge High Capacity Transit | Construct high capacity surface transit (express bus service) from Fairfax County to Montgomery County via the American Legion Bridge and Tysons Corner. |
| 27 | 69 | Roadway | I-495 HOT Lanes | Implement HOT lanes on I-495 between American Legion Bridge and VA-267 |

Segment 1-4: Rt. 7/Dulles Toll Road/Silver Line — Tysons to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 28 | 70 | Roadway | I-495 HOV Lanes | Implement HOV lanes on I-495 between I-395 and the Woodrow Wilson Bridge |
| 29 | 71 | Transit | Merrifield-Tysons BRT / LRT | Construct enhanced transit service (BRT/LRT) between Fairfax Hospital in Merrifield to Tysons. Includes 6 lanes (4 GP + 2 Transit) on Gallows Rd. |
| 30 | 78 | Transit | DASH Transit Service Enhancements and Expansion | DASH Transit Service Enhancements: including new cross-town services and funding for additional buses to expand service on existing and new routes, circulators and trolleys within and between activity centers and expand bus storage and maintenance facilities; also includes transit stop improvements (bus shelters, real time information signs, bus stop benches, pads for ADA); upgrade to new and/or upgraded regional fare system including new fare collection technology; Provide transit service connection between Eisenhower Metrorail Station and King Street Metrorail Station; Provide transit service connection between Van Dorn Metrorail Station and the Landmark Mall vicinity; Provide east-west transit service between Braddock Rd Metrorail Station and Old Town / King St. Metrorail Station . |
| 31 | 79 | Transit | West End Transitway | Construct a four-mile segment of the dedicated bus lanes between the Van Dorn Metro station and Arlington County. This project will also provide pedestrian and bike facilities in the corridor |

Segment 1-4: Rt. 7/Dulles Toll Road/Silver Line — Tysons to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 32 | 83 | Transit | King Street Metro-Alexandria Union Station Improvements | Implement multimodal improvements at the King Street Metro station including improved access to parking lot and bus facilities, construction of new shelters, construction of additional bus bays, and a planned transit store. Construction of a new pedestrian tunnel between Alexandria Union Station and the King Street Metrorail station to include elevators and elimination of existing at grade crossing. Pedestrian tunnel project also includes improvements to the east platform including lengthening the platform, ADA improvements, a new canopy and a stairway and elevator connection to the pedestrian tunnel. Improvements to the east platform will increase freight, commuter, and passenger rail operations within and through the City of Alexandria and allow for VRE to utilize the east platform for revenue service. Project also include other improvements at Alexandria Union Station. |
| 33 | 86 | Bike/Ped | Alexandria Bike and Ped Trails Construction and Reconstruction | Reconstruct Holmes Run Trail from North Ripley Street to I-395; Construct trails along local streets in the Beauregard Street and Van Dorn Street corridor, this facility will provide a north-south connection to the City's Holmes Run Trail, running east west, and connecting bicycle users to Mark Center corridor; Construct pedestrian and bicycle bridge over Holmes Run at Morgan St; Implement and construct projects in the City's Ped Bike Plan; Construct bicycle improvements along Royal St between Jones Point and Bashford St, include signage, traffic calming |

Segment 1-4: Rt. 7/Dulles Toll Road/Silver Line — Tysons to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 34 | 89 | Transit | US 1 BRT | Construct along US 1 BRT with stations at Beacon Hill, Hybla Valley, Fort Belvoir, Penn Daw, Pohick Rd, Woodlawn, and South County Government and with transit transfer centers at Kingman Rd and Fort Belvoir. Includes US 1 widening between VA 235 and I-495. |
| 35 | 91 | ITS/ICM | I-95/I-395 ICM Program | I-95/I-395 ICM Program: -Multimodal Traveler Information: Integration of roadway, transit, and parking information. -Dynamic Ramp Metering: Upgrade of existing ramp metering system. -Parallel Arterial Operations Improvements: Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-95 corridor (including US 1 and Telegraph Rd) -Parking Management: Expansion of pilot program to additional PNR lots. -Decision Support System: Software system to support corridor management activities across multiple facilities and modes. |
| 36 | 97 | Transit | Columbia Pike Priority Transit Network (PrTN) | Provide priority transit service from Skyline to Crystal City via Pentagon City, including limited-stop bus service, improved headways, and 24 transit stations. |
| 37 | 98 | Transit | VA 236 Bus Priority, Alexandria to Fairfax | Implement bus priority service on VA 236 between Alexandria and Fairfax. |
| 38 | 99 | Transit | VA 123 Priority Bus Service | Add bus priority service on VA 123 to serve Tysons. |
| 39 | 100 | Transit | Metrorail Fleet Expansion | Expand Metrorail fleet to enable operations of 100 percent eight-car trains during peak period. Expansion, upgrades, and replacements of the rail car fleet, traction power substations, power cabling, third rail, train control systems, and storage facilities. |

Segment 1-4: Rt. 7/Dulles Toll Road/Silver Line — Tysons to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 40 | 101 | Bike/Ped | Columbia Pike Corridor urban bike/ped network | Improve bicycle and pedestrian infrastructure in and around the Columbia Pike corridor, including bikeways, bikesharing, and key sidewalk improvements, to convert SOV trips to, within, and between activity center areas from car to bike/pedestrian. Includes parallel bike routes along 9th St, 11th St, and 12th in the vicinity of Columbia Pike. |
| 41 | 102 | Bike/Ped | Arlington TDM Package | Improve and expand the commuter assistance and other programs provided by Arlington County Commuter Services. Includes new commuter stores and next generation IT services, implementation of transportation system management and communication upgrade throughout the County, and improvements to traveler information via creation or expansion of informational, wayfinding, alert, or real-time signs providing information on multimodal transportation options. Develop a system of coordinated mobility hubs along major corridors to fully integrate transit, bikesharing, carsharing, ridesharing, pedestrians, bicycling, ride hailing and other shared use services. Develop, coordinate, implement, and/or expand shared-ride and ride-hailing services for first mile/last mile connections to transit and mobility hubs as well as to activity centers, parking, and pick-up hotspots. Includes support for autonomous vehicles, casual carpooling, on-demand services |

Segment 1-4: Rt. 7/Dulles Toll Road/Silver Line — Tysons to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 42 | 103 | ITS/ICM | Arlington ITS Projects | Implement intelligent transportation systems and adaptive traffic control system on regional corridors within Arlington County, including: - Enhancement of Traffic System and Technology to a Smart Traffic Signal system; - Installation of Intelligent Transportation System (ITS) and corresponding Adaptive Traffic Control System program on US 29 Lee Highway to better manage traffic flow. Includes additional Bluetooth devices, count stations, CCTV cameras, and FLIR detectors and upgraded signals for better-timed connection with I-66; - Reconstruction of traffic signals to meet current standards, including upgrade from span wire to mast arm |
| 43 | 105 | Transit | Metrobus Priority Corridor Network Plan | PCN Improvements will include improved transit signal priority and exclusive bus lanes, increased frequency and span of service. Improved customer information, expanded fare payment options, enhanced bus stops and facilities. Metrobus service improvements on these routes: CC-PY{9A, E, S, X}; Leesburg Pike{28A, 28X, 28F, G, T}; Little River Tpke/Duke St{29K, N, 29C, E, H} |
| 44 | 107 | Transit | Expansion of Metrobus and Fairfax Connector Bus Services | Increase bus frequency and service during off-peak periods and weekends; add new routes. |
| 45 | 108 | Transit | Metrorail Real-Time Parking Info | Deployment of real-time parking information signage at WMATA rail stations |
| 46 | 110 | Transit | South County Feeder Bus Service | Improve service levels on bus routes serving Richmond Highway, Kingstowne, and Springfield |

Segment 1-4: Rt. 7/Dulles Toll Road/Silver Line — Tysons to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 47 | 113 | ITS/ICM | Alexandria ITS Projects | Funding for transportation technologies to improve system efficiencies in the City of Alexandria, Real-Time Adaptive Control and Data Management System - Build out and improve Traffic Signal System with fiber-optics; transit signal priority |
| 48 | 114 | Transit | Metrorail Pocket Track Improvements | Construct new OR/SV junction infrastructure and pocket track at East Falls Church or West Falls Church. Improve or add pocket tracks to provide flexibility for short-lining, maintenance and crossovers. |
| 49 | 115 | Transit | VRE Fredericksburg and Manassas Line Off-peak Service | Run bi-hourly trains during midday period between peaks on both Manassas and Fredericksburg Lines |
| 50 | 116 | Transit | Implement integrated regional rail service / VRE-MARC run-through service | Implement run-through service by integrating intercity rail service with MARC and AMTRAK |
| 51 | 118 | Bike/Ped | East Falls Church Bikeshare Connections | Install up to 24 bike-share stations along Route 29, Route 7, Sycamore St, Roosevelt St, and W&OD Trail in Falls Church. |
| 52 | 122 | Transit | ART Service Restructuring and Expansion | Purchase of buses in support of Arlington Transit (ART) service restructuring and expansion. Includes implementation of priority bus service on Glebe Road between Marymount University and Potomac Yard Metro via Ballston. |
| 53 | 127 | Transit | Blue and Yellow Line Bus Facility Improvements | Expand and improve bus bays, passenger facilities, and bus circulation and access paths at all Yellow and Blue Line stations and transit centers in the I-395/ US-1 corridor |
| 54 | 132 | Transit | Enhanced Bus Service - Falls Church | Enhance bus service along US 29 and VA 7 in the City of Falls Church: including all day service, 15 minute frequency, and bus shelters with real-time information |
| 55 | 133 | Bike/Ped | Enhance regional bike routes (W& OD) - Falls Church | Enhance regional bike routes (W& OD): including separate trails for walking and biking, updated crossings to increase safety, and lighting to keep trail open all year |

Segment 1-4: Rt. 7/Dulles Toll Road/Silver Line — Tysons to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 56 | 193 | Transit | Alexandria Bus Network ITS | Install Automatic Vehicle Location (AVL) technology on DASH bus to provide real-time arrival info, computer-aided dispatch, automated passenger counters (APC) and automated garage mapping system. |
| 57 | 195 | Roadway | Arlandria/Del Ray/ Lynhaven/Potomac Yard Roadway, Bike/Ped, Improvements | Traffic improvements for the intersection of Mt Vernon Ave and E/W Glebe Rd, including signalization, accommodation for pedestrians and turn lane channelization. Construct improvements at Mt Vernon/Four Mile Rd intersection, including ped/bike improvements; Construct bike/ped bridge over four mile run between Commonwealth Ave and Eads St; Mt Vernon Ave/Russell Rd intersection safety improvements to accommodate pedestrian and bicyclists, may entail intersection and parking configuration redesign. Construct a pedestrian/bicycle link from the Potomac Yard Trail to connect to the Four Mile Run trail on the south side of Four Mile Run, and to the Mt. Vernon Trail; Oakville Triangle improvement projects |

Segment 1-4: Rt. 7/Dulles Toll Road/Silver Line — Tysons to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 58 | 196 | Roadway | West End Alexandria Roadway Improvements | Construct a multimodal bridge from Van Dorn Metro station to Pickett Street; Extend Library Ln North to Connect with Van Dorn St; ellipse at Beauregard and Seminary; Replace shared left/thru turn lanes along NB and SB Van Dorn St with separate left turn lanes; add protected, permissive left turn lane along NB and SB Van Dorn; Widen Van Dorn St Bridge over Duke St to accommodate pedestrians; Replace shared left/thru turn lanes along NB and SB Van Dorn St with separate left turn lanes; Construct new roadway along Fairfax County Line to connect Edsall Rd, S Pickett St, Farrington Ave; Intersection improvements along Van Dorn Street at Eisenhower, Edsall, Pickett; Straightening Eisenhower; New High Street Addition and Bridge as part of Alexandria's Landmark Van Dorn Area Plan |
| 59 | 198 | Transit | Vienna Metro Access Improvements | Improve access to Metro and encourage mass transit use by completing all sidewalks within 1/2 mile of Vienna and Tysons Metrorail stations. Also, provide a trolley or circulator bus along Maple Ave (VA 123) to connect with Vienna Metro station and Metro Silver Line in Tysons. A parking garage would be provided along the route. Includes "Walk to Metro" and "Commercial Transit, Metro Access, and Parking" projects. |
| 60 | 199 | Transit | New Central/East County to Pentagon/DC OmniRide | Implement new transit route between Central East Prince William County, Pentagon, and downtown DC via the I-95 HOV lanes. Requires 4 additional buses. |

Segment 1-4: Rt. 7/Dulles Toll Road/Silver Line — Tysons to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 61 | 202 | Transit | Metro Station Improvements within the City of Alexandria | Redesign kiss-and-ride and reconfigure bus loading area to accommodate West End Transitway at the Van Dorn Metrorail Station and existing and future developments within the Eisenhower West Small Area Plan. Improvements to the Eisenhower Ave Metrorail Station to accommodate East Eisenhower development, including renovation of existing bus loop, new pedestrian plaza, new bus shelter canopies, and real-time bus arrival info displays. |
| 62 | 204 | Roadway | Greensboro Drive Extension | Extend Greensboro Drive from Spring Hill Road to Tyco Road |
| 63 | 205 | Roadway | I-495 Overpass Tysons Corner | Construct I-495 overpass at Tysons Corner Center |
| 64 | 206 | Roadway | Cleveland Ramps | Reconstruct VA 267 / VA 123 interchange to provide connections to a new street grid |
| 65 | 207 | Roadway | VA 123 / Lewinsville Rd / Great Falls St Underpass | Construct a grade-separated underpass at the intersection of VA 123 / Lewinsville Rd / Great Falls St |
| 66 | 208 | Roadway | VA 123 / VA 7 Interchange | Reconstruct interchange between Route 7 and Route 123 in Tysons. |
| 67 | 209 | Roadway | VA 123 Modified intersection/displaced left turns | Modify intersections and construct displaced left turns on VA 123 between International Drive to Dulles Toll Road |
| 68 | 210 | Roadway | Widen auxiliary lanes along I-495 | Widen auxiliary lanes along various segments of I-495 from north of Hemming Ave Underpass to Georgetown Pike. Reconstruct the I-495 auxiliary lane from VA 7 to I-66 |
| 69 | 211 | Roadway | Reconstruct I-495 / VA-267 Interchange | Relocate I-495/VA 267 Interchange Flyover Ramp: Eastbound Dulles Airport Access Highway to northbound general purpose. Provide SB HOT to EB HOV & EB Dulles Toll Road to NB HOT movements. Widen EB Dulles Toll Road ramp to 2 NB lanes Construct I-495/VA 267 Interchange ramp from SB I-495 to WB Dulles Airport Access Highway. |

Segment 1-4: Rt. 7/Dulles Toll Road/Silver Line — Tysons to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 70 | 212 | Roadway | Widen Dulles Airport Access Road | Widen Dulles Airport Access Road from Dulles Airport to VA 123 |
| 71 | 219 | Roadway | Widen VA 123 Chain Bridge Road, VA 7 to I-495 | Widen VA 123 Chain Bridge Road from 6 to 8 lanes from VA 7 Leesburg Pike to I-495. |
| 72 | 225 | Roadway | Construct Collector-Distributor Road (EB/WB) that parallels Dulles Toll Rd | Construct Collector-Distributor Road (EB/WB) that parallels Dulles Toll Rd from Wiehle Ave to Spring Hill Road. |
| 73 | 227 | Roadway | Widen Eisenhower Avenue | Widen Eisenhower Avenue from 4 to 6 lanes from Mill Road to Holland Lane. |
| 74 | 231 | Roadway | Boone Boulevard Extension | Construct Boone Boulevard Extension (4 lanes) from VA 123 Chain Bridge Road to Ashgrove Lane. |
| 75 | 232 | Roadway | Widen Magarity Road | Widen Magarity Road from 2 to 4 lanes from VA 7 to Great Falls Street. |
| 76 | 290 | Transit | Dunn Loring to Ballston priority bus | Through enhancement of Metrobus 2A service, provide frequent service on Lee Highway and Washington Blvd from Dunn Loring Metro in Fairfax County through the City of Falls Church, East Falls Church Metro and Washington Blvd to Ballston Metro. |
| 77 | 291 | Transit | Arlington mobility hubs | Develop a system of coordinated mobility hubs along major corridors to fully integrate transit, bikesharing, carsharing, ridesharing, pedestrians, bicycling, ride hailing and other shared use services; |
| 78 | 292 | Transit | Off-vehicle fare collection | Develop a system of off board fare collections for ART and WMATA buses. |
| 79 | 294 | Bike/Ped | Lee Highway Multimodal Improvements | The project expands the multi-modal transportation capacity and safety in the Lee Highway corridor, providing viable options to move more people without increasing the volume of single-occupant vehicles. Includes addition of bicycle facilities along US 29 corridor and reconstruction of US 29 from North Quincy St to North Kenmore St. |

Segment 1-4: Rt. 7/Dulles Toll Road/Silver Line — Tysons to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 80 | 297 | Transit | Increase off-peak transit service on I-95 Corridor | Add bus trips to the existing service: Lake Ridge-DC, Lake Ridge-Pentagon/Crystal City; Dale City/Potomac Mills-Pentagon/Crystal City; Dale City/Potomac Mills/Rosslyn/Ballston; Montclar/Dumfries-Pentagon/DC; Montclair/Dumfries-Pentagon; Dale City/Potomac Mills-Mark Center |
| 81 | 299 | Transit | VRE Alexandria-DC Rail Capacity Improvements | Construct fourth track LE to VA Construct fourth track RO to AF Alexandria track 1 access/ Slater's Lane crossover Construct Washington Union Station station/access improvements Construct VRE L'Enfant station/access improvements Construct VRE Crystal City station/access improvements |
| 82 | 300 | Transit | VRE Alexandria Station Improvements | Improve multimodal connectivity and accessibility at the Alexandria Union Station - King Street Metro station through construction of a pedestrian tunnel between the two stations; platform expansion and access improvements at VRE station |

Segment 1-4: Rt. 7/Dulles Toll Road/Silver Line — Tysons to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 83 | 301 | Transit | VRE Manassas Line Rail Capacity Enhancements | <p>PH 1: Increase frequencies to 20-min in peak period. In support of this improvement:</p> <ul style="list-style-type: none"> a. Construct track capacity enhancements (additional track and capacity improvements) from Alexandria/AF to Manassas Line terminus, including existing Broad Run VRE station. b. Purchase additional rolling stock in support of 8-car trains and peak service improvements (TIP reflects purchases for 8-car trains in peak hour, additional needed beyond CLRP commitment). c. Construct/expand VRE equipment storage and maintenance facilities in Manassas and midday storage in Washington, D.C. d. Construct station/platform, parking and access improvements at VRE Manassas Line stations, including expand existing Broad Run VRE station/parking/access. e. Improve information sharing through ITS/TSM enhancements for improved communications. <p>Rail improvements in support of I-81 / US-29 Intercity Passenger Rail (DRPT/AMTRAK)</p> |
| 84 | 318 | Transit | Shirlington Bus Station Expansion | Addition of new bus bays at the Shirlington Bus Station |
| 85 | 326 | Transit | Manassas Line Peak Period Service Expansion | <p>Improve frequencies to 15-min. peak period and new reverse peak period service. In support of this improvement:</p> <ul style="list-style-type: none"> a. Purchase additional rolling stock b. Construct/expand VRE equipment storage and maintenance facilities c. Rail Line capacity improvements d. Station/Parking Access improvements e. ITS/TSM improvements. |
| 86 | 331 | Transit | Tysons Express Bus | Implement express bus service between Tysons and Huntington Metro, and Tysons and Franconia-Springfield Metro. |

Segment 1-4: Rt. 7/Dulles Toll Road/Silver Line — Tysons to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 87 | 333 | Transit | East Falls Church Metro to Seven Corners Transit Boulevard | Transit and ped/bike connections along Sycamore and Roosevelt with a bridge overpass connecting to planned redevelopment in Seven Corners (shown in Fairfax County comp plan, page 113) |
| 88 | 334 | Transit | Falls Church Metro Station Access | Multimodal Access Improvements for the East Falls Church and West Falls Church Metro stations including pedestrian access, bicycle access and bike-share stations, and bus access. |
| 89 | 335 | Bike/Ped | Regional Bike Connections - Falls Church | On-street bike facilities to connect the City's bicycle network to the W&OD, Arlington County's network and Fairfax County's network as called for in the City's Bicycle Master Plan |
| 90 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 91 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 92 | 343 | Transit | VRE Express Service - Fredericksburg Line | Implement peak period express service on VRE Fredericksburg Line: - One express train and three local trains per hour during AM and PM peak periods - Stops at Spotsylvania, Leeland Rd, Woodbridge, Alexandria, Crystal City, L'Enfant, and Union Station |
| 93 | 344 | Transit | VRE Express Service - Manassas Line | Implement peak period express service on VRE Manassas Line: - One express train and three local trains per hour during AM and PM peak periods - Stops at Broad Run, Manassas Park, Burke Centre, Alexandria, Crystal City, L'Enfant, and Union Station |
| 94 | 350 | Transit | US 29 BRT | Implement BRT service on US 29 Lee Highway in a dedicated lane where facility is six lanes. |
| 95 | 352 | Transit | ART Service Improvements | Increase ART service on crowded corridors in Arlington County, supported by capacity increases at Heavy Maintenance / Bus Parking facilities |

Segment 1-4: Rt. 7/Dulles Toll Road/Silver Line — Tysons to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 96 | 354 | Roadway | I-495 Express Lanes - Springfield to Wilson Bridge | Extend I-495 Express Lanes from Springfield across Wilson Bridge into Maryland |
| 97 | 355 | Roadway | I-495 / I-395 Lane Restrictions | Implement lane restrictions for commercial trucks on I-495 and I-395 |
| 98 | 356 | Transit | MARC / VRE Crossover Service | Implement MARC Crossover service to Alexandria and points south and west and VRE Crossover service to destinations including New Carrollton, College Park, and points north via Union Station during AM and PM peak hours |

Segment 2-1: Loudoun County Parkway/Belmont Ridge Road — Rt. 7 to US 50

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 1 | 10 | Transit | East Loudon Park-and-ride | Construct new park-and-ride lots at VA 7 at Dulles Town Center and VA 7 at VA 659 |
| 2 | 12 | Bike/Ped | Leesburg-Alexandria VA 7 Trail | Construct trail along VA 7 from Leesburg to Alexandria |
| 3 | 14 | Transit | Transit Connections to Silver Line Phase II Stations | Expand bus service and connections to Silver Line Phase II stations. Provide feeder bus service between Metrorail and P&R lots. Purchase buses for new service. |
| 4 | 16 | Transit | Leesburg North Park-and-Ride | Construct Leesburg North Park-and-Ride Lot with 300 spaces at Crosstrail Blvd |
| 5 | 17 | Transit | One Loudoun Park-and-Ride | Construct 200 space park-and-ride lot at One Loudoun near the corner of VA 7 and Loudoun County Parkway |
| 6 | 24 | Roadway | Outer Potomac River Crossing | Construct crossing of Potomac River between Route 28 in Virginia to I-270 in Maryland |
| 7 | 32 | Transit | VA 28 LRT/BRT | Construct LRT / BRT line parallel to VA 28 from Manassas to Dulles Airport |
| 8 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 9 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 10 | 100 | Transit | Metrorail Fleet Expansion | Expand Metrorail fleet to enable operations of 100 percent eight-car trains during peak period. Expansion, upgrades, and replacements of the rail car fleet, traction power substations, power cabling, third rail, train control systems, and storage facilities. |
| 11 | 108 | Transit | Metrorail Real-Time Parking Info | Deployment of real-time parking information signage at WMATA rail stations |

Segment 2-1: Loudoun County Parkway/Belmont Ridge Road — Rt. 7 to US 50

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 12 | 109 | Transit | Loudoun County Phase III Bus Service | Implement Phase III bus service in Loudoun County, including local, express, intercounty, commuter, and demand-response services |
| 13 | 119 | Roadway | Construct Northstar Blvd from Shreveport Dr to US 50 | Construct 4 lane Northstar Blvd facility from Shreveport Dr to US 50 |
| 14 | 120 | Roadway | Waxpool Rd / Loudoun County Pkwy Intersection Improvements | Improve intersection at Waxpool Rd / Loudoun County Pkwy to include three westbound left-turn lanes on Waxpool Rd and a new free-flow right turn lane on Loudoun County Pkwy |
| 15 | 121 | Roadway | Westwind Drive Extension | Construct Westwind Dr / Ladbrook Dr (VA 645) to be 4 lanes across Broad Run between Loudoun County Pkwy (VA 607) and Old Ox Rd (VA 606). Construct a new grade-separated interchange at Old Ox Rd (VA 606). |
| 16 | 129 | Roadway | VA 7 Widening, Battlefield Pkwy to Leesburg ECL | Widen VA 7 from 6 to 8 lanes between Battlefield Pkwy and Leesburg ECL |
| 17 | 131 | Transit | US 50 Dulles Park and Ride Lot | Construct/expand US 50 Dulles Park and Ride Lot east of Loudoun County Pkwy. Anticipated capacity is 250 spaces. |
| 18 | 143 | Roadway | Ryan Rd Widening from VA 659 to VA 621 | Widen Ryan Rd (VA 772) from 2 to 4 lanes from Northstar Blvd (VA 659) to Evergreen Mills Rd (VA 621). |
| 19 | 144 | Roadway | Lockridge Rd Widening | Widen Lockridge Rd (VA 789) to 4 lanes from Old Ox Rd (VA 606) to Prentice Dr (VA 1071). Provides access for VA 606 Metrorail Station. Extend Lockridge Rd (VA 789) from Prentice Dr (VA 1071) to Waxpool Rd (VA 640) - construct 4 lanes. |
| 20 | 146 | Roadway | Sterling Blvd Extension | Extend Sterling Blvd (VA 846) from Randolph Drive (VA 1072) to Pacific Blvd (VA 1036) - construct 4 lanes. |
| 21 | 148 | Roadway | Russell Branch Parkway Widening | Widen Russell Branch Pkwy (VA 7 South Collector Rd) between Pacific Blvd (VA 1036) and Claiborne Pkwy (VA 901): Widen/construct a 6-lane roadway. |
| 22 | 149 | Roadway | Prentice Drive Extension | Extend Prentice Drive west from Lockridge Road (VA 789) to Shellhorn Road (VA 643) - construct 4 lanes. |
| 23 | 150 | Roadway | Prentice Dr Extension to Greenway Transit | Construct Prentice Dr extension (new connection) to Greenway transit (Phase II Metrorail station) |

Segment 2-1: Loudoun County Parkway/Belmont Ridge Road — Rt. 7 to US 50

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 24 | 151 | Roadway | Widen Smith Switch Road | Widen Smith Switch Rd (VA 1950) from 2 to 4 lanes between Waxpool Road (VA 625) and Gloucester Pkwy (VA 2150) |
| 25 | 152 | Roadway | Widen Gloucester Parkway | Widen Gloucester Parkway (VA 2150) from 4 to 6 lanes between VA 28 (Sully Rd) and Loudoun County Pkwy (VA 607). |
| 26 | 153 | Roadway | Widen/Complete Riverside Parkway | Widen and complete Riverside Pkwy (VA 2401) from 4 to 6 lanes between Loudoun County Pkwy (VA 607) and Belmont Ridge Rd (VA 659). |
| 27 | 156 | Roadway | Construct Arcola Blvd | Construct Arcola Blvd between Loudoun County Pkwy (VA 607) (near intersection of Arcola Rd and Old Ox Rd) and US 50 (John Mosby Highway) - 6 lanes. Construct grade-separated interchanges at Loudoun County Pkwy and US 50. |
| 28 | 158 | Roadway | Widen VA 28, VA 7 to Old Ox Rd | Widen VA 28 (Sully Rd) from 6 to 8 lanes between Old Ox Rd (VA 606) and VA 7 (Harry Byrd Highway). Study of alternative uses (bus lanes, HOV) to be considered. |
| 29 | 159 | Roadway | Widen Dulles West Blvd from VA 606 to VA 659 | Widen Dulles West Blvd (formerly Glascock Blvd) from 4 to 6 lanes between Loudoun County Pkwy (VA 606) and Arcola Blvd. Construct a four lane facility between Arcola Blvd and Northstar Blvd (VA 659 relocated). |
| 30 | 160 | Roadway | Extend Dulles West Blvd | Construct Dulles West Blvd (formerly Glascock Blvd) between Northstar Blvd (VA 659 Relocated) and Lenah Loop Rd: Construct a 2-lane roadway. |
| 31 | 161 | Roadway | Construct Greenway Loop Road (Barrister St) | Construct Greenway Loop Rd (Barrister St) between State Street/Landmark Court and Prentice Dr (VA 1071/VA 789 Extended): Construct a 4-lane roadway, including a bridge over VA 267. |
| 32 | 162 | Roadway | Widen VA 7, Leesburg Bypass to Atlantic Blvd (Harry Byrd Highway/East Market Street) | Widen VA 7 (Harry Byrd Highway) to 8 lanes between US 15 (Leesburg Bypass) and Atlantic Blvd (VA 1902). Study of alternative uses (bus lanes, HOV) to be considered for segment between VA 28 and Leesburg Bypass. |

Segment 2-1: Loudoun County Parkway/Belmont Ridge Road — Rt. 7 to US 50

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 33 | 163 | Roadway | Construct Moorefield Blvd | Construct Moorefield Blvd between Mooreview Pkwy (VA 772) and Loudoun County Pkwy (VA 607): Construct 3 lanes between Beth St and Centergate Dr, 4 lanes between Mooreview Pkwy and Beth St, and between Centergate Dr and Loudoun County Pkwy. |
| 34 | 165 | Roadway | Widen US 50, Northstar Blvd to Lenah Loop Rd | Widen US 50 (John Mosby Highway) to 4 lanes between Northstar Blvd (VA 659 relocated) and Lenah Loop Rd. Construct a new interchange at VA 659 Relocated (Northstar Blvd). |
| 35 | 168 | Roadway | Widen Loudoun County Pkwy, Old Ox Rd to US 50 | Widen Loudoun County Parkway to 8 lanes between Old Ox Rd (VA 606) and US 50 (John Mosby Highway). Construct grade-separated interchanges at Old Ox Rd and US 50 and explore other grade-separated interchanges. Study alternative uses (bus lanes, HOV) along the corridor. |
| 36 | 169 | Roadway | Widen Loudoun County Pkwy, US 50 to Braddock Rd | Widen Loudoun County Pkwy from 4 to 6 lanes between US 50 (John Mosby Highway) and Braddock Rd (VA 620) and construct grade-separated interchange at US 50. |
| 37 | 173 | Roadway | Widen Old Ox Rd, VA 28 to Dulles Greenway | Widen Old Ox Rd (VA 606) to 6 lanes between VA 28 (Sully Rd) and VA 267 (Dulles Greenway). |
| 38 | 174 | Roadway | Widen Loudoun County Pkwy, GW Blvd to Waxpool Rd | Widen Loudoun County Pkwy (VA 607) to 6 lanes from George Washington Blvd (VA 1050) to Waxpool Rd (VA 625). |
| 39 | 175 | Roadway | Widen Loudoun County Pkwy, Waxpool Rd to VA 267 | Widen Loudoun County Pkwy (VA 607) to 6 lanes from Waxpool Rd (VA 625) to Dulles Greenway (VA 267) |
| 40 | 176 | Roadway | Widen Loudoun County Pkwy, VA 267 to Old Ox Rd | Widen Loudoun County Pkwy from 4 to 6 lanes between VA 267 (Dulles Greenway) and Old Ox Rd (VA 606), near existing Arcola Rd |
| 41 | 178 | Roadway | Widen Evergreen Mills Rd, VA 606 to VA 659 | Widen Evergreen Mills Rd (VA 621) from 2 to 4 lanes between Loudoun County Pkwy (VA 606) and Northstar Blvd (VA 659). |

Segment 2-1: Loudoun County Parkway/Belmont Ridge Road — Rt. 7 to US 50

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 42 | 179 | Roadway | Widen Evergreen Mills Rd from VA 621 Relocated to Battlefield Pkwy | Widen Evergreen Mills Rd (VA 621) from 2 to 4 lanes between Shreveport Dr (VA 621 Relocated) and Battlefield Pkwy. |
| 43 | 181 | Roadway | Widen VA 625 (Waxpool Rd / Farmwell Rd) | Widen Waxpool Rd (VA 625) to 6 lanes between Church Rd and Ashburn Rd (VA 641). |
| 44 | 182 | Roadway | Widen Sycolin Rd | Widen Sycolin Rd (VA 625) to 4 lanes between Belmont Ridge Rd (VA 659) and Battlefield Pkwy. Realign Sycolin Rd to accommodate expansion of Leesburg Airport**. |
| 45 | 183 | Roadway | Extend Shellhorn Rd | Extend Shellhorn Rd (VA 643) between Loudoun County Pkwy (VA 607) and Randolph Drive (VA 1072) - 4 lanes. |
| 46 | 184 | Roadway | Crosstrail Blvd (VA 653) (limits VA 7 to VA 267) | Construct missing segments and widen Crosstrail Blvd (VA 653) to six lanes between East Market St (VA 7) and the Dulles Greenway (VA 267), and extend Crosstrail Blvd from the Greenway to Evergreen Mills Rd. |
| 47 | 185 | Roadway | Widen Belmont Ridge Rd from VA 2401 to VA 7 | Widen Belmont Ridge Rd (VA 659) from 4 lanes to 6 lanes between Riverside Pkwy (VA 2401) and VA 7 (Harry Byrd Highway). |
| 48 | 186 | Roadway | Widen Belmont Ridge Rd from VA 645 to VA 659 | Widen Belmont Ridge Rd (VA 659) from 4 to 6 lanes between Croson Ln (VA 645) and Northstar Blvd / VA659 split. |
| 49 | 187 | Roadway | Widen Northstar Blvd from Belmont Ridge Rd to Braddock Rd | Widen/Construct Northstar Blvd (VA 659) to 6 lanes from Belmont Ridge Rd (VA 659) to Braddock Rd (VA 620). Construct grade-separated interchange at US 50. Potential grade-separation at Evergreen Mills Road. |
| 50 | 189 | Roadway | Construct interchange, Loudoun Cty Pkwy at Arcola | Construct grade-separated interchange, Loudoun Cty Pkwy at Arcola Blvd |
| 51 | 226 | Roadway | Construct VA 234 Bypass North, I-66 to US 50 | Construct VA 234 Bypass North (Bi-County Parkway) from I-66 to US 50. Close US 29 from Pageland Lane to the bridge over Bull Run and close VA 234 Sudley Road from the southern park boundary to the northern park boundary. |
| 52 | 234 | Roadway | Construct eastern segment of Russell Branch Parkway | Construct four lanes of eastern segment of Russell Branch Parkway from Belmont Ridge Road to Tournament Parkway. |

Segment 2-1: Loudoun County Parkway/Belmont Ridge Road — Rt. 7 to US 50

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 53 | 289 | Transit | Loudoun Metrorail Station Pedestrian Improvements | Construct sidewalks, crosswalks, shared-use trails, and intersection improvements to improve pedestrian access to Silver Line Metro Stations (Route 606 and 772) in Loudoun County |
| 54 | 304 | Roadway | VA 7 "hot spot" and safety improvements | "Hot Spot" and safety improvements on VA 7 from the Fairfax County Line to the Clarke County Line, as directed by the Board. |
| 55 | 309 | Roadway | Extend Russell Branch Parkway (Leesburg) | Extend Russell Branch Parkway (Leesburg) from Cochran Mill Road (VA 653) to Trailview Blvd: Construct a 4-lane roadway. |
| 56 | 310 | Roadway | US 50 Widening / Interchanges | Widen US 50 (John Mosby Highway) to 6 lanes from Poland Rd to Northstar Blvd. Construct new interchanges at/near VA 2200 (Tall Cedars Parkway), VA Route 2201 (South Riding Blvd), VA 606 (Loudoun County Parkway), VA 606 Extended (Arcola Blvd/West Spine Rd), and VA 659 Relocated (Northstar Blvd). Potential grade-separation (interchange or overpass) at VA 609 (Pleasant Valley Road). |
| 57 | 311 | Roadway | Widen Belmont Ridge Road | Widen Belmont Ridge Road (VA 659) to 4 lanes from Shreveport Drive to Evergreen Mills Road (VA 621). |
| 58 | 313 | Transit | Transit buses purchase | Purchase of buses in support of Loudoun County's transit services. |
| 59 | 314 | Roadway | US 50 Improvements | Improvements along US 50 (John Mosby Highway/Washington Street) from the Fairfax County Line to the Fauquier County Line. |
| 60 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 61 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |

Segment 2-2: North-South Corridor/Bi-County Parkway — US 50 to I-66

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 1 | 14 | Transit | Transit Connections to Silver Line Phase II Stations | Expand bus service and connections to Silver Line Phase II stations. Provide feeder bus service between Metrorail and P&R lots. Purchase buses for new service. |
| 2 | 26 | ITS/ICM | VA 234 Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on VA 234. |
| 3 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |
| 4 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 5 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 6 | 119 | Roadway | Construct Northstar Blvd from Shreveport Dr to US 50 | Construct 4 lane Northstar Blvd facility from Shreveport Dr to US 50 |
| 7 | 131 | Transit | US 50 Dulles Park and Ride Lot | Construct/expand US 50 Dulles Park and Ride Lot east of Loudoun County Pkwy. Anticipated capacity is 250 spaces. |
| 8 | 156 | Roadway | Construct Arcola Blvd | Construct Arcola Blvd between Loudoun County Pkwy (VA 607) (near intersection of Arcola Rd and Old Ox Rd) and US 50 (John Mosby Highway) - 6 lanes. Construct grade-separated interchanges at Loudoun County Pkwy and US 50. |
| 9 | 160 | Roadway | Extend Dulles West Blvd | Construct Dulles West Blvd (formerly Glascock Blvd) between Northstar Blvd (VA 659 Relocated) and Lenah Loop Rd. Construct a 2-lane roadway. |
| 10 | 165 | Roadway | Widen US 50, Northstar Blvd to Lenah Loop Rd | Widen US 50 (John Mosby Highway) to 4 lanes between Northstar Blvd (VA 659 relocated) and Lenah Loop Rd. Construct a new interchange at VA 659 Relocated (Northstar Blvd). |

Segment 2-2: North-South Corridor/Bi-County Parkway — US 50 to I-66

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 11 | 177 | Roadway | Widen Braddock Rd, Northstar Blvd to Fairfax County line | Widen Braddock Road (VA 620) from 2 to 4 lanes between Northstar Blvd and Fairfax County line. |
| 12 | 187 | Roadway | Widen Northstar Blvd from Belmont Ridge Rd to Braddock Rd | Widen/Construct Northstar Blvd (VA 659) to 6 lanes from Belmont Ridge Rd (VA 659) to Braddock Rd (VA 620). Construct grade-separated interchange at US 50. Potential grade-separation at Evergreen Mills Road. |
| 13 | 201 | Transit | New Gainesville / Haymarket to Dulles OmniRide | Implement new transit service from Gainesville and Haymarket to Dulles Airport via I-66 HOV lanes and Route 28. Requires 2 additional buses. |
| 14 | 214 | Roadway | Add NB lane to US 29 | Add NB lane to US 29 from I-66 to the entrance to Conway Robinson Memorial State Forest. |
| 15 | 226 | Roadway | Construct VA 234 Bypass North, I-66 to US 50 | Construct VA 234 Bypass North (Bi-County Parkway) from I-66 to US 50. Close US 29 from Pageland Lane to the bridge over Bull Run and close VA 234 Sudley Road from the southern park boundary to the northern park boundary. |
| 16 | 235 | Roadway | Construct University Boulevard | Construct four lanes from Progress Court to Sudley Manor Drive |
| 17 | 240 | Roadway | Widen Cushing Rd, Balls Ford Rd to I-66 | Widen Cushing Rd to four lanes from Balls Ford Rd. to I-66 |
| 18 | 254 | Roadway | Construct Manassas Battlefield Bypass | Construct a bypass around Manassas Battlefield National Park between VA 234 and Fairfax County |
| 19 | 266 | Roadway | Complete Rollins Ford Rd, Vint Hill Rd to Wellington Rd | Complete four lane Rollins Ford Rd, Linton Hall Rd to Wellington Rd |
| 20 | 267 | Roadway | Construct Station Rd, University Blvd to Balls Ford Rd | Construct four lane Station Rd, University Blvd to Balls Ford Rd |
| 21 | 268 | Roadway | Widen Sudley Rd, US 15 to US 29 | Widen Sudley Rd to four lanes, US 15 James Madison Highway to US 29 Lee Highway |
| 22 | 277 | Roadway | Widen Wellington Blvd, Prince William Pkwy to Godwin Dr | Widen Wellington Road from 2 to 4 lanes between Godwin Dr. and the Prince William Pkwy. and from 2 to 6 lanes between the Prince William Pkwy. and University Blvd. |
| 23 | 298 | Transit | Implement new OmniLink service | Implement new OmniLink routes: Innovation-to-Gainesville/Haymarket; Innovation-to-Manassas; Montclair local |

Segment 2-2: North-South Corridor/Bi-County Parkway — US 50 to I-66

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 24 | 310 | Roadway | US 50 Widening / Interchanges | Widen US 50 (John Mosby Highway) to 6 lanes from Poland Rd to Northstar Blvd. Construct new interchanges at/near VA 2200 (Tall Cedars Parkway), VA Route 2201 (South Riding Blvd), VA 606 (Loudoun County Parkway), VA 606 Extended (Arcola Blvd/West Spine Rd), and VA 659 Relocated (Northstar Blvd). Potential grade-separation (interchange or overpass) at VA 609 (Pleasant Valley Road). |
| 25 | 313 | Transit | Transit buses purchase | Purchase of buses in support of Loudoun County's transit services. |
| 26 | 314 | Roadway | US 50 Improvements | Improvements along US 50 (John Mosby Highway/Washington Street) from the Fairfax County Line to the Fauquier County Line. |
| 27 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |

Segment 2-3: Rt. 234 — I-66 to I-95

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 1 | 25 | Roadway | VA 28/Prince William Pkwy Interchange | Reconstruct interchange at VA 28 and Prince William Pkwy |
| 2 | 26 | ITS/ICM | VA 234 Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on VA 234. |
| 3 | 34 | Roadway | Godwin Dr Widening | Widen Godwin Dr from four to six lanes between Sudley Rd and VA 28 |
| 4 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |
| 5 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 6 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 7 | 87 | Roadway | East Potomac River Crossing | Construct Eastern Potomac Crossing from I-95 to US 301 in Maryland |
| 8 | 88 | Roadway | Widen/Relocate US 1 in Town of Dumfries | Widen US 1 (Fralely Blvd) to six lanes between Brady's Hill Rd and Dumfries Rd (VA 234). Phase I includes widening to 4 lanes along current northbound alignment. |

Segment 2-3: Rt. 234 — I-66 to I-95

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 9 | 91 | ITS/ICM | I-95/I-395 ICM Program | <p>I-95/I-395 ICM Program:</p> <ul style="list-style-type: none"> -Multimodal Traveler Information: Integration of roadway, transit, and parking information. -Dynamic Ramp Metering: Upgrade of existing ramp metering system. -Parallel Arterial Operations Improvements: Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-95 corridor (including US 1 and Telegraph Rd) -Parking Management: Expansion of pilot program to additional PNR lots. -Decision Support System: Software system to support corridor management activities across multiple facilities and modes. |
| 10 | 115 | Transit | VRE Fredericksburg and Manassas Line Off-peak Service | Run bi-hourly trains during midday period between peaks on both Manassas and Fredericksburg Lines |
| 11 | 201 | Transit | New Gainesville / Haymarket to Dulles OmniRide | Implement new transit service from Gainesville and Haymarket to Dulles Airport via I-66 HOV lanes and Route 28. Requires 2 additional buses. |
| 12 | 220 | Roadway | Construct VA 234 Bypass Interchange at Balls Ford Rd | Project will provide a new grade separated interchange proposed at Rt. 234-Prince William Parkway and relocated Rt. 621-Balls Ford Road. In addition a new 4-lane facility with raised median will be constructed between Devlin Road and Doane Road |
| 13 | 221 | Roadway | Construct VA 234/ Sudley Manor Drive Interchange | Construct VA 234 Prince William Parkway Interchange at VA 1566 Sudley Manor Drive. |
| 14 | 226 | Roadway | Construct VA 234 Bypass North, I-66 to US 50 | Construct VA 234 Bypass North (Bi-County Parkway) from I-66 to US 50. Close US 29 from Pageland Lane to the bridge over Bull Run and close VA 234 Sudley Road from the southern park boundary to the northern park boundary. |
| 15 | 235 | Roadway | Construct University Boulevard | Construct four lanes from Progress Court to Sudley Manor Drive |

Segment 2-3: Rt. 234 — I-66 to I-95

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 16 | 238 | Roadway | Widen Balls Ford Rd, Wellington Rd to Coppermine Dr | Widen Balls Ford Rd to four lanes from Wellington Rd to Coppermine Dr |
| 17 | 240 | Roadway | Widen Cushing Rd, Balls Ford Rd to I-66 | Widen Cushing Rd to four lanes from Balls Ford Rd. to I-66 |
| 18 | 242 | Roadway | Widen Devlin Rd, Wellington Rd to Linton Hall Rd | Widen Devlin Rd to four lanes from Wellington Rd to Linton Hall Rd |
| 19 | 243 | Roadway | Widen Dumfries Rd from Brentsville Road to Country Club Dr | Widen Dumfries Rd to six lanes from Brentsville Rd to Country Club Dr. |
| 20 | 248 | Roadway | Widen Hornbaker Rd, Wellington Rd to Nokesville Rd | Widen Hornbaker Rd to four lanes from Wellington Rd to Nokesville Rd |
| 21 | 251 | Roadway | US 1 Jefferson Davis Highway Widening, Dumfries Rd to Cardinal Dr | Widen US 1 Jefferson Davis Highway to six lanes between VA-234 Dumfries Rd and Cardinal Dr / Neabsco Rd |
| 22 | 258 | Roadway | Construct North South Rd, University Blvd to Wellington Rd | Construct four lane North South Rd, University Blvd to Wellington Rd |
| 23 | 263 | Roadway | Widen Prince William Pkwy, I-66 to Brentsville Rd | Widen Prince William Pkwy to six lanes, I-66 to Brentsville Rd |
| 24 | 266 | Roadway | Complete Rollins Ford Rd, Vint Hill Rd to Wellington Rd | Complete four lane Rollins Ford Rd, Linton Hall Rd to Wellington Rd |
| 25 | 267 | Roadway | Construct Station Rd, University Blvd to Balls Ford Rd | Construct four lane Station Rd, University Blvd to Balls Ford Rd |
| 26 | 269 | Roadway | Widen Sudley Manor Dr, Prince William Pkwy to Sudley Rd | Widen Sudley Manor Dr to six lanes, Prince William Pkwy to Sudley Rd |
| 27 | 274 | Roadway | Construct VanBuren North Rd, Cardinal Dr to Dumfries Rd | Construct four lane VanBuren North Rd, Cardinal Dr to Dumfries Rd |
| 28 | 275 | Roadway | Construct Van Buren South Rd, Dumfries Rd to Mine Rd | Construct four lane Van Buren South Rd, Dumfries Rd to Mine Rd |
| 29 | 277 | Roadway | Widen Wellington Blvd, Prince William Pkwy to Godwin Dr | Widen Wellington Road from 2 to 4 lanes between Godwin Dr. and the Prince William Pkwy. and from 2 to 6 lanes between the Prince William Pkwy. and University Blvd. |
| 30 | 284 | Roadway | VA Route 234 / Brentsville Interchange | Construct interchange at VA 234 and Brentsville Rd |
| 31 | 285 | Roadway | VA 234/ Clover Hill Rd Interchange | Construct a grade-separated interchange at VA 234/Prince William Pkwy and Clover Hill Rd |

Segment 2-3: Rt. 234 — I-66 to I-95

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 32 | 297 | Transit | Increase off-peak transit service on I-95 Corridor | Add bus trips to the existing service: Lake Ridge-DC, Lake Ridge-Pentagon/Crystal City; Dale City/Potomac Mills-Pentagon/Crystal City; Dale City/Potomac Mills/Rosslyn/Ballston; Montclar/Dumfries-Pentagon/DC; Montclair/Dumfries-Pentagon; Dale City/Potomac Mills-Mark Center |
| 33 | 298 | Transit | Implement new OmniLink service | Implement new OmniLink routes: Innovation-to-Gainesville/Haymarket; Innovation-to-Manassas; Montclair local |
| 34 | 301 | Transit | VRE Manassas Line Rail Capacity Enhancements | <p>1. Increase frequencies to 20 min in peak period. In support of this improvement:</p> <ul style="list-style-type: none"> a. Construct track capacity enhancements (additional track and capacity improvements) from Alexandria/AF to Manassas Line terminus, including existing Broad Run VRE station. b. Purchase additional rolling stock in support of 8-car trains and peak service improvements (TIP reflects purchases for 8-car trains in peak hour, additional needed beyond CLRP commitment). c. Construct/expand VRE equipment storage and maintenance facilities in Manassas and midday storage in Washington, D.C. d. Construct station/platform, parking and access improvements at VRE Manassas Line stations, including expand existing Broad Run VRE station/parking/access. e. Improve information sharing through ITS/TSM enhancements for improved communications. <p>Rail improvements in support of I-81 / US-29 Intercity Passenger Rail (DRPT/AMTRAK)</p> |

Segment 2-3: Rt. 234 — I-66 to I-95

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 35 | 315 | Transit | I-66 Corridor Park & Ride Prince William | Construct new park & ride lots along the I-66 corridor in Prince William at *Dominion, ***Innovation, ***James Madison Arrowleaf, ***Linton Hall School, and ***Yorkshire. Expand existing P&R capacity at *Limestone Drive and *Manassas Mall/Sears. |
| 36 | 316 | Transit | I-95 Corridor Park & Ride Prince William | Expand park & ride capacity at **Brittany Park, **Hillendale, **Montclair, **Old Bridge/Minnieville Rd, *Old Bridge Festival, ***Old Bridge/US route 1, *Potomac Mills, *Prince William Square, ***PRTC Transit Center, ***VA 234/ US 1, *Tacketts Mill Shopping Center, Construct a new park & ride lot at Cherry Hill and and a new park & ride garage at Potomac Center. |
| 37 | 320 | Roadway | Rt. 234 (P.W. Pkwy)/University Blvd. Interchange | Construct an interchange at Rt. 234 and University Blvd. |
| 38 | 321 | Roadway | Rt. 1 (Jefferson Davis Hwy.)/Rt. 234 (Dumfries Rd.)/Potomac Shores Pkwy. | Construct a "quadrant at-grade" interchange at Rt. 1, Rt. 234 and Potomac Shores Parkway |
| 39 | 326 | Transit | Manassas Line Peak Period Service Expansion | Improve frequencies to 15-min. peak period and new reverse peak period service. In support of this improvement: a. Purchase additional rolling stock b. Construct/expand VRE equipment storage and maintenance facilities c. Rail Line capacity improvements d. Station/Parking Access improvements e. ITS/TSM improvements. |
| 40 | 327 | Roadway | I-95 General Purpose Lanes Widening from Occoquan River Bridge to Route 234 (exit 152) | Widen SB I-95 to four lanes between the Occoquan River Bridge and VA 234 Dumfries Rd (exit 152). |
| 41 | 339 | ITS/ICM | I-95 ITS/ICM Improvements | Implement intelligent transportation systems, adaptive traffic control, and hard shoulder lanes on I-95 |
| 42 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 43 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |

Segment 2-3: Rt. 234 — I-66 to I-95

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|-------------------------------------|--|
| 44 | 342 | Roadway | Joplin Rd Improvements | Implement speed limit adjustments on VA 619 Joplin Road. |
| 45 | 344 | Transit | VRE Express Service - Manassas Line | Implement peak period express service on VRE Manassas Line: - One express train and three local trains per hour during AM and PM peak periods - Stops at Broad Run, Manassas Park, Burke Centre, Alexandria, Crystal City, L'Enfant, and Union Station |

Segment 3-1: Rt. 28 — Rt. 7 to I-66

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 1 | 10 | Transit | East Loudon Park-and-ride | Construct new park-and-ride lots at VA 7 at Dulles Town Center and VA 7 at VA 659 |
| 2 | 12 | Bike/Ped | Leesburg-Alexandria VA 7 Trail | Construct trail along VA 7 from Leesburg to Alexandria |
| 3 | 14 | Transit | Transit Connections to Silver Line Phase II Stations | Expand bus service and connections to Silver Line Phase II stations. Provide feeder bus service between Metrorail and P&R lots. Purchase buses for new service. |
| 4 | 17 | Transit | One Loudoun Park-and-Ride | Construct 200 space park-and-ride lot at One Loudoun near the corner of VA 7 and Loudoun County Parkway |
| 5 | 20 | Roadway | Davis Drive Extension & Dulles Toll Road - Rock Hill Overpass | Extend Davis Dr (VA 868) from Glenn Drive (VA 864) to Fairfax County line at the future bridge over VA Route 267. Realign Rock Hill Rd with Davis Drive. Construct a 4-lane roadway over the Dulles Toll Road from Sunrise Valley Drive on the south, to Davis Drive extension in Loudoun County on the north side. The project would include pedestrian and bicycle facilities. |
| 6 | 24 | Roadway | Outer Potomac River Crossing | Construct crossing of Potomac River between Route 28 in Virginia to I-270 in Maryland |
| 7 | 27 | Roadway | VA 28 Widening, I-66 to Loudoun | Widen VA 28 to 10 lanes between I-66 and Loudoun County (8 GP + 2 HOV) |
| 8 | 29 | Roadway | Centreville Rd Widening | Widen VA 657 (Centreville Road) to six lanes between Herndon Pkwy and Walney Rd |
| 9 | 31 | Roadway | VA 28 Widening, US 29 to Prince William Cty Line | Widen VA 28 to six lanes between Prince William County Line and U.S. 29 |
| 10 | 32 | Transit | VA 28 LRT/BRT | Construct LRT / BRT line parallel to VA 28 from Manassas to Dulles Airport |
| 11 | 33 | Bike/Ped | VA 28 Trail | Construct a shared used path on both sides of VA 28 from Prince William County line to Dulles Toll Road |
| 12 | 42 | Transit | Fairfax County Pkwy Priority Bus Service | Implement priority bus service on Fairfax County Parkway between Herndon/Monroe Metrorail station and Ft. Belvoir |

Segment 3-1: Rt. 28 — Rt. 7 to I-66

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 13 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |
| 14 | 48 | Transit | Extend High Capacity Transit to Centreville | Extend High Capacity transit from Metrorail to Centreville Potential modes include LRT, BRT, or improved bus service on corridor between stations. Construction of stations and PNR lots at Centreville, Stringfellow, and Government Center / Fair Oaks, and a station serving the City of Fairfax. |
| 15 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 16 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 17 | 100 | Transit | Metrorail Fleet Expansion | Expand Metrorail fleet to enable operations of 100 percent eight-car trains during peak period. Expansion, upgrades, and replacements of the rail car fleet, traction power substations, power cabling, third rail, train control systems, and storage facilities. |
| 18 | 108 | Transit | Metrorail Real-Time Parking Info | Deployment of real-time parking information signage at WMATA rail stations |
| 19 | 109 | Transit | Loudoun County Phase III Bus Service | Implement Phase III bus service in Loudoun County, including local, express, intercounty, commuter, and demand-response services |
| 20 | 120 | Roadway | Waxpool Rd / Loudoun County Pkwy Intersection Improvements | Improve intersection at Waxpool Rd / Loudoun County Pkwy to include three westbound left-turn lanes on Waxpool Rd and a new free-flow right turn lane on Loudoun County Pkwy |

Segment 3-1: Rt. 28 — Rt. 7 to I-66

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 21 | 144 | Roadway | Lockridge Rd Widening | Widen Lockridge Rd (VA 789) to 4 lanes from Old Ox Rd (VA 606) to Prentice Dr (VA 1071). Provides access for VA 606 Metrorail Station. Extend Lockridge Rd (VA 789) from Prentice Dr (VA 1071) to Waxpool Rd (VA 640) - construct 4 lanes. |
| 22 | 145 | Roadway | Sterling Blvd Widening | Widen Sterling Blvd (VA 846) from Sully Road (VA 28) to Davis Drive (VA 868) from 4 to 6 lanes. |
| 23 | 146 | Roadway | Sterling Blvd Extension | Extend Sterling Blvd (VA 846) from Randolph Drive (VA 1072) to Pacific Blvd (VA 1036) - construct 4 lanes. |
| 24 | 147 | Roadway | Pacific Blvd Extension | Extend Pacific Blvd (VA 28 West Collector Rd) from Old Ox Rd (VA 606) to Innovation Ave (VA 209): Widen/construct 6-lane roadway. Potential modification to existing VA 28/Innovation Ave interchange. |
| 25 | 148 | Roadway | Russell Branch Parkway Widening | Widen Russell Branch Pkwy (VA 7 South Collector Rd) between Pacific Blvd (VA 1036) and Claiborne Pkwy (VA 901): Widen/construct a 6-lane roadway. |
| 26 | 149 | Roadway | Prentice Drive Extension | Extend Prentice Drive west from Lockridge Road (VA 789) to Shellhorn Road (VA 643) - construct 4 lanes. |
| 27 | 151 | Roadway | Widen Smith Switch Road | Widen Smith Switch Rd (VA 1950) from 2 to 4 lanes between Waxpool Road (VA 625) and Gloucester Pkwy (VA 2150) |
| 28 | 152 | Roadway | Widen Gloucester Parkway | Widen Gloucester Parkway (VA 2150) from 4 to 6 lanes between VA 28 (Sully Rd) and Loudoun County Pkwy (VA 607). |
| 29 | 154 | Roadway | Widen VA 28, Fairfax County line to VA 606 | Widen VA 28 (Sully Rd) from 6 to 10 lanes between Fairfax County line and Old Ox Rd (VA 606). Study of alternative uses (bus lanes, HOV) to be considered. |
| 30 | 158 | Roadway | Widen VA 28, VA 7 to Old Ox Rd | Widen VA 28 (Sully Rd) from 6 to 8 lanes between Old Ox Rd (VA 606) and VA 7 (Harry Byrd Highway). Study of alternative uses (bus lanes, HOV) to be considered. |

Segment 3-1: Rt. 28 — Rt. 7 to I-66

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 31 | 162 | Roadway | Widen VA 7, Leesburg Bypass to Atlantic Blvd (Harry Byrd Highway/East Market Street) | Widen VA 7 (Harry Byrd Highway) to 8 lanes between US 15 (Leesburg Bypass) and Atlantic Blvd (VA 1902). Study of alternative uses (bus lanes, HOV) to be considered for segment between VA 28 and Leesburg Bypass. |
| 32 | 166 | Roadway | Widen Innovation Avenue | Widen Innovation Avenue (VA 209) between VA 28 (Sully Rd) and Fairfax County line from 4 to 6 lanes. Road to be realigned along northern boundary of Dulles World Center site. Includes connection to Rock Hill Rd (VA 605). Potential future modification to existing Route 28/Innovation interchange. |
| 33 | 171 | Roadway | Widen Old Ox Rd, VA 28 to Fairfax County line | Widen Old Ox Rd (VA 606) to 6 lanes between VA 28 (Sully Rd) and Fairfax County line / Herndon town limits. |
| 34 | 173 | Roadway | Widen Old Ox Rd, VA 28 to Dulles Greenway | Widen Old Ox Rd (VA 606) to 6 lanes between VA 28 (Sully Rd) and VA 267 (Dulles Greenway). |
| 35 | 174 | Roadway | Widen Loudoun County Pkwy, GW Blvd to Waxpool Rd | Widen Loudoun County Pkwy (VA 607) to 6 lanes from George Washington Blvd (VA 1050) to Waxpool Rd (VA 625). |
| 36 | 175 | Roadway | Widen Loudoun County Pkwy, Waxpool Rd to VA 267 | Widen Loudoun County Pkwy (VA 607) to 6 lanes from Waxpool Rd (VA 625) to Dulles Greenway (VA 267) |
| 37 | 181 | Roadway | Widen VA 625 (Waxpool Rd / Farmwell Rd) | Widen Waxpool Rd (VA 625) to 6 lanes between Church Rd and Ashburn Rd (VA 641). |
| 38 | 183 | Roadway | Extend Shellhorn Rd | Extend Shellhorn Rd (VA 643) between Loudoun County Pkwy (VA 607) and Randolph Drive (VA 1072) - 4 lanes. |
| 39 | 188 | Roadway | Widen Relocation Drive | Widen Relocation Dr (VA 775) from 2 to 4 lanes between Old Ox Rd (VA 606) and Pacific Blvd (VA 1036). |
| 40 | 191 | Roadway | Improve interchange, VA 28 at Old Ox Rd | Improve grade-separated intersection, VA 28 at Old Ox Rd |
| 41 | 200 | Transit | New Manassas to Dulles OmniRide | Implement new transit service from Manassas to Dulles Airport via Route 28. Requires additional 4 buses. |
| 42 | 201 | Transit | New Gainesville / Haymarket to Dulles OmniRide | Implement new transit service from Gainesville and Haymarket to Dulles Airport via I-66 HOV lanes and Route 28. Requires 2 additional buses. |

Segment 3-1: Rt. 28 — Rt. 7 to I-66

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 43 | 212 | Roadway | Widen Dulles Airport Access Road | Widen Dulles Airport Access Road from Dulles Airport to VA 123 |
| 44 | 222 | Roadway | Widen/upgrade/convert VA 286 Fairfax County Parkway to include HOV lanes | Widen/upgrade/convert VA 286 Fairfax County Parkway to include HOV lanes from VA 267 Dulles Toll Road to I-66. |
| 45 | 233 | Roadway | Construct VA 606 ramp | Construct VA 606 ramp |
| 46 | 304 | Roadway | VA 7 "hot spot" and safety improvements | "Hot Spot" and safety improvements on VA 7 from the Fairfax County Line to the Clarke County Line, as directed by the Board. |
| 47 | 313 | Transit | Transit buses purchase | Purchase of buses in support of Loudoun County's transit services. |
| 48 | 330 | Transit | Fairfax County Express Bus, Reston / Franconia-Springfield | Implement express bus service along VA 286 Fairfax County Parkway between Reston Metro and Franconia-Springfield Metro |
| 49 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 50 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 51 | 346 | Roadway | Dulles Greenway Merge Lanes | Construct additional capacity on Dulles Greenway at merges, particularly at the connections with the Dulles Toll Road, to allow for better operation and weave movements. |
| 52 | 347 | Roadway | VA-28 Reversible HOV Lanes | Implement reversible HOV lanes on VA-28 between I-66 and the Dulles Toll Road during AM and PM peak periods |
| 53 | 357 | Roadway | Braddock Rd Widening, VA-28 to County Line | Widen Braddock Rd to four lanes between VA-28 and the Fairfax County Line |

Segment 3-2: Rt. 28 — I-66 to Fauquier County Line

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 1 | 25 | Roadway | VA 28/Prince William Pkwy Interchange | Reconstruct interchange at VA 28 and Prince William Pkwy |
| 2 | 26 | ITS/ICM | VA 234 Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on VA 234. |
| 3 | 27 | Roadway | VA 28 Widening, I-66 to Loudoun | Widen VA 28 to 10 lanes between I-66 and Loudoun County (8 GP + 2 HOV) |
| 4 | 28 | Roadway | VA 28 / New Braddock Rd Interchange | Construct an interchange at VA 28 and New Braddock Road |
| 5 | 30 | Roadway | VA 28 Widening, Conner Dr to Old Centreville Rd | Widen VA 28 to six lanes between Conner Drive and Old Centreville Road |
| 6 | 31 | Roadway | VA 28 Widening, US 29 to Prince William Cty Line | Widen VA 28 to six lanes between Prince William County Line and U.S. 29 |
| 7 | 32 | Transit | VA 28 LRT/BRT | Construct LRT / BRT line parallel to VA 28 from Manassas to Dulles Airport |
| 8 | 33 | Bike/Ped | VA 28 Trail | Construct a shared used path on both sides of VA 28 from Prince William County line to Dulles Toll Road |
| 9 | 34 | Roadway | Godwin Dr Widening | Widen Godwin Dr from four to six lanes between Sudley Rd and VA 28 |
| 10 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |
| 11 | 48 | Transit | Extend High Capacity Transit to Centreville | Extend High Capacity transit from Metrorail to Centreville Potential modes include LRT, BRT, or improved bus service on corridor between stations. Construction of stations and PNR lots at Centreville, Stringfellow, and Government Center / Fair Oaks, and a station serving the City of Fairfax. |
| 12 | 52 | Roadway | Stone Road Overpass over I-66 from Route 29 to Route 28 | Construct 4-lane divided road between Stone Road at Route 29 and New Braddock Road, including bridges over I-66 and Big Rocky Run and a shared use path |
| 13 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |

Segment 3-2: Rt. 28 — I-66 to Fauquier County Line

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 14 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 15 | 115 | Transit | VRE Fredericksburg and Manassas Line Off-peak Service | Run bi-hourly trains during midday period between peaks on both Manassas and Fredericksburg Lines |
| 16 | 200 | Transit | New Manassas to Dulles OmniRide | Implement new transit service from Manassas to Dulles Airport via Route 28. Requires additional 4 buses. |
| 17 | 201 | Transit | New Gainesville / Haymarket to Dulles OmniRide | Implement new transit service from Gainesville and Haymarket to Dulles Airport via I-66 HOV lanes and Route 28. Requires 2 additional buses. |
| 18 | 216 | Roadway | Widen US 29, VA 665 to Pickwick Rd | Widen US 29 from 4 to 6 lanes from Waples Mill Rd to Pickwick Road |
| 19 | 230 | Roadway | Construct/widen New Braddock Road | Construct/widen New Braddock Road from 0/2 lanes to 4 lanes from VA 28 to US 29 at VA 662 (Stone Road). |
| 20 | 248 | Roadway | Widen Hornbaker Rd, Wellington Rd to Nokesville Rd | Widen Hornbaker Rd to four lanes from Wellington Rd to Nokesville Rd |
| 21 | 258 | Roadway | Construct North South Rd, University Blvd to Wellington Rd | Construct four lane North South Rd, University Blvd to Wellington Rd |
| 22 | 261 | Roadway | Widen Old Centreville Rd, Fairfax CL to Centreville Rd (VA 28) | Widen Old Centreville Rd to four lanes between Fairfax County line and Centreville Rd (VA 28) |
| 23 | 263 | Roadway | Widen Prince William Pkwy, I-66 to Brentsville Rd | Widen Prince William Pkwy to six lanes, I-66 to Brentsville Rd |
| 24 | 264 | Roadway | Widen Prince William Pkwy, Liberia Ave to Hoadly Rd | Widen Prince William Pkwy to six lanes, Liberia Ave to Hoadly Rd |
| 25 | 273 | Roadway | Godwin Drive Extension | Construct four lane extension of Godwin Drive between Sudley Rd and Route 28 between Bull Run and Compton Rd. Construct grade-separated interchanges at Lomond Dr and Sudley Rd |
| 26 | 276 | Roadway | Widen Vint Hill Rd, Fauquier CL to Schaeffer Lane | Widen Vint Hill Rd to four lanes, Fauquier CL to Schaeffer Lane |
| 27 | 277 | Roadway | Widen Wellington Blvd, Prince William Pkwy to Godwin Dr | Widen Wellington Road from 2 to 4 lanes between Godwin Dr. and the Prince William Pkwy. and from 2 to 6 lanes between the Prince William Pkwy. and University Blvd. |

Segment 3-2: Rt. 28 — I-66 to Fauquier County Line

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 28 | 278 | Roadway | Widen Liberia Ave, Prince William Pkwy to Centreville Rd (VA 28) | Widen Liberia Ave to six lanes, Prince William Pkwy to Centreville Rd (VA 28) |
| 29 | 279 | Roadway | Widen VA 28, Liberia Ave to Manassas Park North CL | Widen VA 28 to six lanes, Liberia Ave to Manassas Park North CL |
| 30 | 298 | Transit | Implement new OmniLink service | Implement new OmniLink routes: Innovation-to-Gainesville/Haymarket; Innovation-to-Manassas; Montclair local |
| 31 | 301 | Transit | VRE Manassas Line Rail Capacity Enhancements | <p>1. Increase frequencies to 20 min in peak period. In support of this improvement:</p> <ul style="list-style-type: none"> a. Construct track capacity enhancements (additional track and capacity improvements) from Alexandria/AF to Manassas Line terminus, including existing Broad Run VRE station. b. Purchase additional rolling stock in support of 8-car trains and peak service improvements (TIP reflects purchases for 8-car trains in peak hour, additional needed beyond CLRP commitment). c. Construct/expand VRE equipment storage and maintenance facilities in Manassas and midday storage in Washington, D.C. d. Construct station/platform, parking and access improvements at VRE Manassas Line stations, including expand existing Broad Run VRE station/parking/access. e. Improve information sharing through ITS/TSM enhancements for improved communications. <p>Rail improvements in support of I-81 / US-29 Intercity Passenger Rail (DRPT/AMTRAK)</p> |
| 32 | 315 | Transit | I-66 Corridor Park & Ride Prince William | Construct new park & ride lots along the I-66 corridor in Prince William at *Dominion, ***Innovation, ***James Madison Arrowleaf, ***Linton Hall School, and ***Yorkshire. Expand existing P&R capacity at *Limestone Drive and *Manassas Mall/Sears. |
| 33 | 320 | Roadway | Rt. 234 (P.W. Pkwy)/University Blvd. Interchange | Construct an interchange at Rt. 234 and University Blvd. |

Segment 3-2: Rt. 28 — I-66 to Fauquier County Line

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 34 | 326 | Transit | Manassas Line Peak Period Service Expansion | Improve frequencies to 15-min. peak period and new reverse peak period service. In support of this improvement: a. Purchase additional rolling stock b. Construct/expand VRE equipment storage and maintenance facilities c. Rail Line capacity improvements d. Station/Parking Access improvements e. ITS/TSM improvements. |
| 35 | 328 | Roadway | Widen Route 28 from 4 -6 lanes from Conner Drive (Manassas/PWC line) to Bull Run Creek (Fairfax County Line) | Widen Route 28 from 4 -6 lanes from Conner Drive (Manassas/PWC line) to Bull Run Creek (Fairfax County Line). |
| 36 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 37 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 38 | 344 | Transit | VRE Express Service - Manassas Line | Implement peak period express service on VRE Manassas Line: - One express train and three local trains per hour during AM and PM peak periods - Stops at Broad Run, Manassas Park, Burke Centre, Alexandria, Crystal City, L'Enfant, and Union Station |
| 39 | 347 | Roadway | VA-28 Reversible HOV Lanes | Implement reversible HOV lanes on VA-28 between I-66 and the Dulles Toll Road during AM and PM peak periods |
| 40 | 351 | Roadway | Tri-County Parkway | Construct four-lane Tri-County Parkway facility between Godwin Drive extension and I-66 interchange. Construct four lane facility between I-66 and Manassas Battlefield Parkway / Gum Springs Rd. |
| 41 | 357 | Roadway | Braddock Rd Widening, VA-28 to County Line | Widen Braddock Rd to four lanes between VA-28 and the Fairfax County Line |
| 42 | 358 | Roadway | Euclid Avenue Extension | Extend four lane Euclid Avenue north from Prescott Ave to Route 28 south of Bull Run |

Segment 4-1: Prince William Parkway — I-66 to I-95

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 1 | 25 | Roadway | VA 28/Prince William Pkwy Interchange | Reconstruct interchange at VA 28 and Prince William Pkwy |
| 2 | 26 | ITS/ICM | VA 234 Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on VA 234. |
| 3 | 32 | Transit | VA 28 LRT/BRT | Construct LRT / BRT line parallel to VA 28 from Manassas to Dulles Airport |
| 4 | 34 | Roadway | Godwin Dr Widening | Widen Godwin Dr from four to six lanes between Sudley Rd and VA 28 |
| 5 | 35 | Roadway | Prince William Parkway Widening at I-95 | Widen Prince William Parkway to six lanes between the I-95 on / off ramps |
| 6 | 36 | Roadway | Sudley Road Widening | Widen Sudley Road from four to six lanes from I-66 to Balls Ford Road |
| 7 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |
| 8 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 9 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 10 | 81 | Transit | High Capacity Transit Extension to Potomac Mills | Extend high capacity surface transit from Springfield to Potomac Mills. Potential modes include LRT, BRT, or improved bus service on corridor between stations**. Potomac Mills to serve as a park-ride lot. |

Segment 4-1: Prince William Parkway — I-66 to I-95

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 11 | 91 | ITS/ICM | I-95/I-395 ICM Program | <p>I-95/I-395 ICM Program:</p> <ul style="list-style-type: none"> -Multimodal Traveler Information: Integration of roadway, transit, and parking information. -Dynamic Ramp Metering: Upgrade of existing ramp metering system. -Parallel Arterial Operations Improvements: Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-95 corridor (including US 1 and Telegraph Rd) -Parking Management: Expansion of pilot program to additional PNR lots. -Decision Support System: Software system to support corridor management activities across multiple facilities and modes. |
| 12 | 115 | Transit | VRE Fredericksburg and Manassas Line Off-peak Service | Run bi-hourly trains during midday period between peaks on both Manassas and Fredericksburg Lines |
| 13 | 199 | Transit | New Central/East County to Pentagon/DC OmniRide | Implement new transit route between Central East Prince William County, Pentagon, and downtown DC via the I-95 HOV lanes. Requires 4 additional buses. |
| 14 | 200 | Transit | New Manassas to Dulles OmniRide | Implement new transit service from Manassas to Dulles Airport via Route 28. Requires additional 4 buses. |
| 15 | 201 | Transit | New Gainesville / Haymarket to Dulles OmniRide | Implement new transit service from Gainesville and Haymarket to Dulles Airport via I-66 HOV lanes and Route 28. Requires 2 additional buses. |
| 16 | 238 | Roadway | Widen Balls Ford Rd, Wellington Rd to Coppermine Dr | Widen Balls Ford Rd to four lanes from Wellington Rd to Coppermine Dr |
| 17 | 241 | Roadway | Widen Dale Blvd, US 1 to Benita Fitzgerald Dr | Widen Dale Blvd to six lanes from US 1 to Benita Fitzgerald Dr |
| 18 | 248 | Roadway | Widen Hornbaker Rd, Wellington Rd to Nokesville Rd | Widen Hornbaker Rd to four lanes from Wellington Rd to Nokesville Rd |
| 19 | 258 | Roadway | Construct North South Rd, University Blvd to Wellington Rd | Construct four lane North South Rd, University Blvd to Wellington Rd |
| 20 | 259 | Roadway | Widen Old Bridge Rd, Colby Dr to Minnieville Rd | Widen Old Bridge Rd to six lanes, Colby Dr to Minnieville Rd |

Segment 4-1: Prince William Parkway — I-66 to I-95

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 21 | 262 | Roadway | Widen Opitz Blvd, Gideon Dr to US 1 | Widen Opitz Blvd to six lanes, Gideon Dr to US 1 |
| 22 | 263 | Roadway | Widen Prince William Pkwy, I-66 to Brentsville Rd | Widen Prince William Pkwy to six lanes, I-66 to Brentsville Rd |
| 23 | 264 | Roadway | Widen Prince William Pkwy, Liberia Ave to Hoadly Rd | Widen Prince William Pkwy to six lanes, Liberia Ave to Hoadly Rd |
| 24 | 268 | Roadway | Widen Sudley Rd, US 15 to US 29 | Widen Sudley Rd to four lanes, US 15 James Madison Highway to US 29 Lee Highway |
| 25 | 269 | Roadway | Widen Sudley Manor Dr, Prince William Pkwy to Sudley Rd | Widen Sudley Manor Dr to six lanes, Prince William Pkwy to Sudley Rd |
| 26 | 270 | Roadway | Summit School Road Extension and Widening | Extend Summit School Road from Minnieville Road to Telegraph Road as a six lane road. |
| 27 | 271 | Roadway | Construct/widen Telegraph Rd, Minnieville Rd to VA-294 | Widen Telegraph Rd to four lanes between Minnieville Rd and Summit School Rd Widen Telegraph Rd to six lanes between Summit School Rd and Caton Hill Rd Widen Telegraph Rd to four lanes between Caton Hill Rd and VA-294 |
| 28 | 273 | Roadway | Godwin Drive Extension | Construct four lane extension of Godwin Drive between Sudley Rd and Route 28 between Bull Run and Compton Rd. Construct grade-separated interchanges at Lomond Dr and Sudley Rd |
| 29 | 277 | Roadway | Widen Wellington Blvd, Prince William Pkwy to Godwin Dr | Widen Wellington Road from 2 to 4 lanes between Godwin Dr. and the Prince William Pkwy. and from 2 to 6 lanes between the Prince William Pkwy. and University Blvd. |
| 30 | 278 | Roadway | Widen Liberia Ave, Prince William Pkwy to Centreville Rd (VA 28) | Widen Liberia Ave to six lanes, Prince William Pkwy to Centreville Rd (VA 28) |
| 31 | 279 | Roadway | Widen VA 28, Liberia Ave to Manassas Park North CL | Widen VA 28 to six lanes, Liberia Ave to Manassas Park North CL |
| 32 | 280 | Roadway | Prince William Pkwy / Minnieville Rd Interchange | Construct interchange at Prince William Parkway and Minnieville Rd |
| 33 | 281 | Roadway | Prince William Pkwy / Smoketown Rd Interchange | Construct interchange at Prince William Parkway and Smoketown Rd |
| 34 | 285 | Roadway | VA 234/ Clover Hill Rd Interchange | Construct a grade-separated interchange at VA 234/Prince William Pkwy and Clover Hill Rd |

Segment 4-1: Prince William Parkway — I-66 to I-95

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 35 | 297 | Transit | Increase off-peak transit service on I-95 Corridor | Add bus trips to the existing service: Lake Ridge-DC, Lake Ridge-Pentagon/Crystal City; Dale City/Potomac Mills-Pentagon/Crystal City; Dale City/Potomac Mills/Rosslyn/Ballston; Montclar/Dumfries-Pentagon/DC; Montclair/Dumfries-Pentagon; Dale City/Potomac Mills-Mark Center |
| 36 | 298 | Transit | Implement new OmniLink service | Implement new OmniLink routes: Innovation-to-Gainesville/Haymarket; Innovation-to-Manassas; Montclair local |
| 37 | 301 | Transit | VRE Manassas Line Rail Capacity Enhancements | <p>1. Increase frequencies to 20 min in peak period. In support of this improvement:</p> <ul style="list-style-type: none"> a. Construct track capacity enhancements (additional track and capacity improvements) from Alexandria/AF to Manassas Line terminus, including existing Broad Run VRE station. b. Purchase additional rolling stock in support of 8-car trains and peak service improvements (TIP reflects purchases for 8-car trains in peak hour, additional needed beyond CLRP commitment). c. Construct/expand VRE equipment storage and maintenance facilities in Manassas and midday storage in Washington, D.C. d. Construct station/platform, parking and access improvements at VRE Manassas Line stations, including expand existing Broad Run VRE station/parking/access. e. Improve information sharing through ITS/TSM enhancements for improved communications. <p>Rail improvements in support of I-81 / US-29 Intercity Passenger Rail (DRPT/AMTRAK)</p> |

Segment 4-1: Prince William Parkway — I-66 to I-95

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 38 | 315 | Transit | I-66 Corridor Park & Ride Prince William | Construct new park & ride lots along the I-66 corridor in Prince William at *Dominion, ***Innovation, ***James Madison Arrowleaf, ***Linton Hall School, and ***Yorkshire. Expand existing P&R capacity at *Limestone Drive and *Manassas Mall/Sears. |
| 39 | 316 | Transit | I-95 Corridor Park & Ride Prince William | Expand park & ride capacity at **Brittany Park, **Hillendale, **Montclair, **Old Bridge/Minnieville Rd, *Old Bridge Festival, ***Old Bridge/US route 1, *Potomac Mills, *Prince William Square, ***PRTC Transit Center, ***VA 234/ US 1, *Tacketts Mill Shopping Center, Construct a new park & ride lot at Cherry Hill and and a new park & ride garage at Potomac Center. |
| 40 | 320 | Roadway | Rt. 234 (P.W. Pkwy)/University Blvd. Interchange | Construct an interchange at Rt. 234 and University Blvd. |
| 41 | 322 | Roadway | Rt. 294 (P.W. Pkwy.)/Old Bridge Road | Construct an interchange at Rt. 294 and Old Bridge Road |
| 42 | 326 | Transit | Manassas Line Peak Period Service Expansion | Improve frequencies to 15-min. peak period and new reverse peak period service. In support of this improvement: a. Purchase additional rolling stock b. Construct/expand VRE equipment storage and maintenance facilities c. Rail Line capacity improvements d. Station/Parking Access improvements e. ITS/TSM improvements. |
| 43 | 327 | Roadway | I-95 General Purpose Lanes Widening from Occoquan River Bridge to Route 234 (exit 152) | Widen SB I-95 to four lanes between the Occoquan River Bridge and VA 234 Dumfries Rd (exit 152). |
| 44 | 328 | Roadway | Widen Route 28 from 4 -6 lanes from Conner Drive (Manassas/PWC line) to Bull Run Creek (Fairfax County Line) | Widen Route 28 from 4 -6 lanes from Conner Drive (Manassas/PWC line) to Bull Run Creek (Fairfax County Line). |
| 45 | 339 | ITS/ICM | I-95 ITS/ICM Improvements | Implement intelligent transportation systems, adaptive traffic control, and hard shoulder lanes on I-95 |
| 46 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |

Segment 4-1: Prince William Parkway — I-66 to I-95

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|-------------------------------------|--|
| 47 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 48 | 344 | Transit | VRE Express Service - Manassas Line | Implement peak period express service on VRE Manassas Line: - One express train and three local trains per hour during AM and PM peak periods - Stops at Broad Run, Manassas Park, Burke Centre, Alexandria, Crystal City, L'Enfant, and Union Station |
| 49 | 351 | Roadway | Tri-County Parkway | Construct four-lane Tri-County Parkway facility between Godwin Drive extension and I-66 interchange. Construct four lane facility between I-66 and Manassas Battlefield Parkway / Gum Springs Rd. |

Segment 5-1: Fairfax County Parkway — Rt. 7 to US 50

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 1 | 8 | Roadway | Soapstone Dr Extension | Extend Soapstone Dr over Dulles Toll Road |
| 2 | 12 | Bike/Ped | Leesburg-Alexandria VA 7 Trail | Construct trail along VA 7 from Leesburg to Alexandria |
| 3 | 13 | Roadway | Herndon Metrorail Station Pedestrian/Bike Improvements | <p>Implement roadway, bicycle, and pedestrian improvements to improve access to the Herndon Metrorail Station, including:</p> <ul style="list-style-type: none"> i. Construct an extension to the Folly Lick Trail from Van Buren St to future Herndon Metrorail station; ii. Continue improvements of the W&OD Trail on select sections within Herndon town limits; iii. Construct extension of Sugarland Run Trail from existing terminus to pedestrian access pavilion at future Herndon Metrorail station; iv. Construct missing regional links in Folly Lick Region Trail between Wiehle Ave and connection with W&OD Trail; v. Reconstruct Herndon Parkway with 'Complete Street' improvements to include 1-way cycle tracks, wide sidewalks and bus stop enhancements (between Van Buren Street and W&OD Regional Trail) to connect with Herndon Metrorail Station; vi. Reconstruct Van Buren Street between Old Spring St and town limits with 'Complete Streets' improvements to expand and enhance on and off-street |
| 4 | 14 | Transit | Transit Connections to Silver Line Phase II Stations | Expand bus service and connections to Silver Line Phase II stations. Provide feeder bus service between Metrorail and P&R lots. Purchase buses for new service. |
| 5 | 18 | Roadway | Dulles Toll Road - Town Center Parkway Underpass | Construct 4-lane divided roadway under the Dulles Toll Road from Sunrise Valley Drive to Sunset Hills Road |

Segment 5-1: Fairfax County Parkway — Rt. 7 to US 50

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 6 | 21 | Roadway | Hunter Mill Road/Sunset Hills Road Improvements | Widen Hunter Mill Road to four lanes between Crowell Road and VA 267 Dulles Toll Road. Widen Sunset Hills Road to four lanes between Wiehle Ave and Hunter Mill Road, realigned with Crowell Road. |
| 7 | 23 | Bike/Ped | Herndon Bike-Sharing Services | Introduce and expand bike-sharing services in Herndon |
| 8 | 27 | Roadway | VA 28 Widening, I-66 to Loudoun | Widen VA 28 to 10 lanes between I-66 and Loudoun County (8 GP + 2 HOV) |
| 9 | 29 | Roadway | Centreville Rd Widening | Widen VA 657 (Centreville Road) to six lanes between Herndon Pkwy and Walney Rd |
| 10 | 32 | Transit | VA 28 LRT/BRT | Construct LRT / BRT line parallel to VA 28 from Manassas to Dulles Airport |
| 11 | 33 | Bike/Ped | VA 28 Trail | Construct a shared used path on both sides of VA 28 from Prince William County line to Dulles Toll Road |
| 12 | 37 | Roadway | Fairfax County Pkwy HOV Widening (Dulles Toll Rd) | Widen Fairfax County Pkwy by adding HOV lanes from Dulles Toll Rd to VA 7 |
| 13 | 42 | Transit | Fairfax County Pkwy Priority Bus Service | Implement priority bus service on Fairfax County Parkway between Herndon/Monroe Metrorail station and Ft. Belvoir |
| 14 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |
| 15 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 16 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |

Segment 5-1: Fairfax County Parkway — Rt. 7 to US 50

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 17 | 100 | Transit | Metrorail Fleet Expansion | Expand Metrorail fleet to enable operations of 100 percent eight-car trains during peak period. Expansion, upgrades, and replacements of the rail car fleet, traction power substations, power cabling, third rail, train control systems, and storage facilities. |
| 18 | 109 | Transit | Loudoun County Phase III Bus Service | Implement Phase III bus service in Loudoun County, including local, express, intercounty, commuter, and demand-response services |
| 19 | 123 | Roadway | Fairfax County Pkwy / Sunrise Valley Dr Interchange | Construct a grade-separated interchange at Fairfax County Parkway and Sunrise Valley Dr |
| 20 | 200 | Transit | New Manassas to Dulles OmniRide | Implement new transit service from Manassas to Dulles Airport via Route 28. Requires additional 4 buses. |
| 21 | 201 | Transit | New Gainesville / Haymarket to Dulles OmniRide | Implement new transit service from Gainesville and Haymarket to Dulles Airport via I-66 HOV lanes and Route 28. Requires 2 additional buses. |
| 22 | 212 | Roadway | Widen Dulles Airport Access Road | Widen Dulles Airport Access Road from Dulles Airport to VA 123 |
| 23 | 222 | Roadway | Widen/upgrade/convert VA 286 Fairfax County Parkway to include HOV lanes | Widen/upgrade/convert VA 286 Fairfax County Parkway to include HOV lanes from VA 267 Dulles Toll Road to I-66. |
| 24 | 228 | Roadway | Widen Reston Parkway | Widen Reston Parkway from 4 to 6 lanes between South Lakes Dr and Dulles Toll Road VA 267 |
| 25 | 304 | Roadway | VA 7 "hot spot" and safety improvements | "Hot Spot" and safety improvements on VA 7 from the Fairfax County Line to the Clarke County Line, as directed by the Board. |
| 26 | 313 | Transit | Transit buses purchase | Purchase of buses in support of Loudoun County's transit services. |
| 27 | 330 | Transit | Fairfax County Express Bus, Reston / Franconia-Springfield | Implement express bus service along VA 286 Fairfax County Parkway between Reston Metro and Franconia-Springfield Metro |
| 28 | 332 | Roadway | Construct lanes on Reston Parkway | Construct lanes on Reston Parkway from Sunrise Valley Drive to Baron Cameron Ave. |

Segment 5-1: Fairfax County Parkway — Rt. 7 to US 50

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 29 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 30 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 31 | 347 | Roadway | VA-28 Reversible HOV Lanes | Implement reversible HOV lanes on VA-28 between I-66 and the Dulles Toll Road during AM and PM peak periods |
| 32 | 348 | Transit | Reston Express Bus | Implement Express bus service between Reston Town Center and Fairfax Center via Reston Parkway and West Ox Rd |

Segment 5-2: Fairfax County Parkway — US 50 to Rolling Road

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 1 | 38 | Roadway | Fairfax County Pkwy HOV Widening (Franconia) | Widen Fairfax County Pkwy by adding HOV lanes from Franconia Springfield Pkwy to I-66 |
| 2 | 40 | Roadway | Rolling Rd Widening | Widen Rolling Rd to four lanes between Hunter Village Dr and Old Keene Mill Rd |
| 3 | 41 | Roadway | Fairfax County Pkwy Widening | Widen Fairfax County Pkwy to six lanes from VA 123 to Sydenstricker Rd |
| 4 | 42 | Transit | Fairfax County Pkwy Priority Bus Service | Implement priority bus service on Fairfax County Parkway between Herndon/Monroe Metrorail station and Ft. Belvoir |
| 5 | 43 | Roadway | Route 286 Widening Fairfax County Parkway Widening (VA 123 to US 29) | Widen Fairfax County Parkway from VA 123 (Ox Rd) to US 29 (Lee Highway) from four lanes to six lanes. Construct a grade-separated interchange at the intersection of the Fairfax County Parkway and Popes Head Road, with shared used paths on both sides. |
| 6 | 44 | Roadway | Shirley Gate Road Extension | Extend Shirley Gate Road from Braddock Rd to Fairfax County Parkway |
| 7 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |
| 8 | 48 | Transit | Extend High Capacity Transit to Centreville | Extend High Capacity transit from Metrorail to Centreville Potential modes include LRT, BRT, or improved bus service on corridor between stations. Construction of stations and PNR lots at Centreville, Stringfellow, and Government Center / Fair Oaks, and a station serving the City of Fairfax. |
| 9 | 49 | Transit | US 29 / US 50 Priority Bus | Implement priority bus service along US 29 and US 50 between Fair Oaks and Washington DC. |
| 10 | 55 | Bike/Ped | US 29 trail | Construct a trail along US 29 from Dixie Hill Rd to EFC Metrorail Station |
| 11 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |

Segment 5-2: Fairfax County Parkway — US 50 to Rolling Road

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 12 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 13 | 65 | Transit | Duke Street Transitway | Construct a four-mile segment of the high-capacity transitway on Duke Street within Alexandria. Reconstruct Duke Street from Wheeler Ave to Jordan St w/ a center left-turn lane. Construct bicycle and pedestrian improvements along corridor. The first phase would create dedicated transit lanes in existing six-lane sections of Duke Street between Landmark Mall and Jordan Street and between Roth Street and Diagonal Road. Between Jordan Street and Roth Street, transit would operate in mixed flow. |
| 14 | 96 | Roadway | Braddock Rd Widening, Ox Road to Fairfax County Pkwy | Widen Braddock Rd to six lanes from Ox Rd to VA 286 |
| 15 | 98 | Transit | VA 236 Bus Priority, Alexandria to Fairfax | Implement bus priority service on VA 236 between Alexandria and Fairfax. |
| 16 | 110 | Transit | South County Feeder Bus Service | Improve service levels on bus routes serving Richmond Highway, Kingstowne, and Springfield |
| 17 | 115 | Transit | VRE Fredericksburg and Manassas Line Off-peak Service | Run bi-hourly trains during midday period between peaks on both Manassas and Fredericksburg Lines |
| 18 | 216 | Roadway | Widen US 29, VA 665 to Pickwick Rd | Widen US 29 from 4 to 6 lanes from Waples Mill Rd to Pickwick Road |
| 19 | 218 | Roadway | Widen VA 123, Hooes Rd to Braddock Road | Widen VA 123 Ox Road from 4 to 6 lanes between Hooes Road and Braddock Rd |
| 20 | 222 | Roadway | Widen/upgrade/convert VA 286 Fairfax County Parkway to include HOV lanes | Widen/upgrade/convert VA 286 Fairfax County Parkway to include HOV lanes from VA 267 Dulles Toll Road to I-66. |
| 21 | 223 | Roadway | Construct VA 289 Franconia-Springfield Parkway HOV interchange | Construct VA 289 Franconia-Springfield Parkway HOV interchange at Neuman Street. |
| 22 | 224 | Roadway | Upgrade VA 289 Franconia-Springfield Parkway to include HOV lanes | Upgrade VA 289 Franconia-Springfield Parkway to include HOV lanes from Rolling Road to Backlick Road. |

Segment 5-2: Fairfax County Parkway — US 50 to Rolling Road

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 23 | 301 | Transit | VRE Manassas Line Rail Capacity Enhancements | <p>1. Increase frequencies to 20-min in peak period. In support of this improvement:</p> <ul style="list-style-type: none"> a. Construct track capacity enhancements (additional track and capacity improvements) from Alexandria/AF to Manassas Line terminus, including existing Broad Run VRE station. b. Purchase additional rolling stock in support of 8-car trains and peak service improvements (TIP reflects purchases for 8-car trains in peak hour, additional needed beyond CLRP commitment). c. Construct/expand VRE equipment storage and maintenance facilities in Manassas and midday storage in Washington, D.C. d. Construct station/platform, parking and access improvements at VRE Manassas Line stations, including expand existing Broad Run VRE station/parking/access. e. Improve information sharing through ITS/TSM enhancements for improved communications. <p>Rail improvements in support of I-81 / US-29 Intercity Passenger Rail (DRPT/AMTRAK)</p> |
| 24 | 326 | Transit | Manassas Line Peak Period Service Expansion | <p>Improve frequencies to 15-min. peak period and new reverse peak period service. In support of this improvement:</p> <ul style="list-style-type: none"> a. Purchase additional rolling stock b. Construct/expand VRE equipment storage and maintenance facilities c. Rail Line capacity improvements d. Station/Parking Access improvements e. ITS/TSM improvements. |
| 25 | 330 | Transit | Fairfax County Express Bus, Reston / Franconia-Springfield | Implement express bus service along VA 286 Fairfax County Parkway between Reston Metro and Franconia-Springfield Metro |
| 26 | 337 | Roadway | Fairfax County Parkway / Shirley Gate Extension Interchange | Construct grade-separated interchange at Fairfax County Parkway and extension of Shirley Gate Dr |

Segment 5-2: Fairfax County Parkway — US 50 to Rolling Road

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 27 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 28 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 29 | 344 | Transit | VRE Express Service - Manassas Line | Implement peak period express service on VRE Manassas Line: - One express train and three local trains per hour during AM and PM peak periods - Stops at Broad Run, Manassas Park, Burke Centre, Alexandria, Crystal City, L'Enfant, and Union Station |
| 30 | 348 | Transit | Reston Express Bus | Implement Express bus service between Reston Town Center and Fairfax Center via Reston Parkway and West Ox Rd |
| 31 | 350 | Transit | US 29 BRT | Implement BRT service on US 29 Lee Highway in a dedicated lane where facility is six lanes. |

Segment 5-3: Fairfax County Parkway — Rolling Road to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 1 | 38 | Roadway | Fairfax County Pkwy HOV Widening (Franconia) | Widen Fairfax County Pkwy by adding HOV lanes from Franconia Springfield Pkwy to I-66 |
| 2 | 39 | Roadway | Fairfax County Pkwy/ US 1 Interchange | Construct interchange at Fairfax County Pkwy and US 1 |
| 3 | 40 | Roadway | Rolling Rd Widening | Widen Rolling Rd to four lanes between Hunter Village Dr and Old Keene Mill Rd |
| 4 | 42 | Transit | Fairfax County Pkwy Priority Bus Service | Implement priority bus service on Fairfax County Parkway between Herndon/Monroe Metrorail station and Ft. Belvoir |
| 5 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |
| 6 | 74 | Roadway | I-95 / Fairfax County Pkwy Flyover Ramp | Construct a flyover ramp from northbound I-95 to northbound Fairfax County Parkway and make other interchange improvements |
| 7 | 75 | Roadway | US 1 Interchange at Telegraph Road | Construct interchange at US 1 and VA 611 (Telegraph Road) |
| 8 | 81 | Transit | High Capacity Transit Extension to Potomac Mills | Extend high capacity surface transit from Springfield to Potomac Mills. Potential modes include LRT, BRT, or improved bus service on corridor between stations**. Potomac Mills to serve as a park-ride lot. |
| 9 | 89 | Transit | US 1 BRT | Construct along US 1 BRT with stations at Beacon Hill, Hybla Valley, Fort Belvoir, Penn Daw, Pohick Rd, Woodlawn, and South County Government and with transit transfer centers at Kingman Rd and Fort Belvoir. Includes US 1 widening between VA 235 and I-495. |
| 10 | 90 | Transit | Fredericksburg Line Rail Capacity Improvements | Add a third track between AF and the VRE Crossroads Yard south of Fredericksburg. |

Segment 5-3: Fairfax County Parkway — Rolling Road to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 11 | 91 | ITS/ICM | I-95/I-395 ICM Program | <p>I-95/I-395 ICM Program:</p> <ul style="list-style-type: none"> -Multimodal Traveler Information: Integration of roadway, transit, and parking information. -Dynamic Ramp Metering: Upgrade of existing ramp metering system. -Parallel Arterial Operations Improvements: Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-95 corridor (including US 1 and Telegraph Rd) -Parking Management: Expansion of pilot program to additional PNR lots. -Decision Support System: Software system to support corridor management activities across multiple facilities and modes. |
| 12 | 105 | Transit | Metrobus Priority Corridor Network Plan | PCN Improvements will include improved transit signal priority and exclusive bus lanes, increased frequency and span of service. Improved customer information, expanded fare payment options, enhanced bus stops and facilities. Metrobus service improvements on these routes: CC-PY{9A, E, S, X}; Leesburg Pike{28A, 28X, 28F, G, T}; Little River Tpke/Duke St{29K, N, 29C, E, H} |
| 13 | 110 | Transit | South County Feeder Bus Service | Improve service levels on bus routes serving Richmond Highway, Kingstowne, and Springfield |
| 14 | 115 | Transit | VRE Fredericksburg and Manassas Line Off-peak Service | Run bi-hourly trains during midday period between peaks on both Manassas and Fredericksburg Lines |
| 15 | 124 | Transit | New Bus Garage in Northern Virginia | Construct a new bus garage in Northern Virginia. Location and size to be determined by service improvements in Northern Virginia transit network. |
| 16 | 199 | Transit | New Central/East County to Pentagon/DC OmniRide | Implement new transit route between Central East Prince William County, Pentagon, and downtown DC via the I-95 HOV lanes. Requires 4 additional buses. |

Segment 5-3: Fairfax County Parkway — Rolling Road to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 17 | 223 | Roadway | Construct VA 289 Franconia-Springfield Parkway HOV interchange | Construct VA 289 Franconia-Springfield Parkway HOV interchange at Neuman Street. |
| 18 | 224 | Roadway | Upgrade VA 289 Franconia-Springfield Parkway to include HOV lanes | Upgrade VA 289 Franconia-Springfield Parkway to include HOV lanes from Rolling Road to Backlick Road. |
| 19 | 283 | Roadway | Widen US 1, Occuquan River Bridge to VA 235 North | Widen US 1 to six lanes, Occuquan River Bridge/ Fairfax County Line to Telegraph Rd |
| 20 | 297 | Transit | Increase off-peak transit service on I-95 Corridor | Add bus trips to the existing service: Lake Ridge-DC, Lake Ridge-Pentagon/Crystal City; Dale City/Potomac Mills-Pentagon/Crystal City; Dale City/Potomac Mills/Rosslyn/Ballston; Montclar/Dumfries-Pentagon/DC; Montclair/Dumfries-Pentagon; Dale City/Potomac Mills-Mark Center |
| 21 | 324 | Transit | Fredericksburg Line Service Expansion | Implement VRE service improvements on the Fredericksburg line to reduce headways to 20 min in peak period. In support of this improvement: a. Purchase additional rolling stock in support of 8-car trains and peak service improvements (TIP reflects purchases for 8-car trains in peak hour, additional needed beyond CLRP commitment). b. Construct/expand VRE equipment storage and maintenance facilities in Fredericksburg and midday storage in Washington, D.C. c. Construct station/platform, parking and access improvements at VRE Fredericksburg Line stations d. Improve information sharing through ITS/TSM enhancements for improved communications. |

Segment 5-3: Fairfax County Parkway — Rolling Road to US 1

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 22 | 325 | Transit | Fredericksburg Line Peak Period Service Expansion | Improve frequencies to 15-min. peak period and new reverse peak period service. In support of this improvement: a. Purchase additional rolling stock b. Construct/expand VRE equipment storage and maintenance facilities c. Rail Line capacity improvements d. Station/Parking Access improvements e. ITS/TSM improvements. |
| 23 | 330 | Transit | Fairfax County Express Bus, Reston / Franconia-Springfield | Implement express bus service along VA 286 Fairfax County Parkway between Reston Metro and Franconia-Springfield Metro |
| 24 | 339 | ITS/ICM | I-95 ITS/ICM Improvements | Implement intelligent transportation systems, adaptive traffic control, and hard shoulder lanes on I-95 |
| 25 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 26 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 27 | 343 | Transit | VRE Express Service - Fredericksburg Line | Implement peak period express service on VRE Fredericksburg Line: - One express train and three local trains per hour during AM and PM peak periods - Stops at Spotsylvania, Leeland Rd, Woodbridge, Alexandria, Crystal City, L'Enfant, and Union Station |

Segment 6-1: I-66/US 29/VRE Manassas — Prince William County Line to Rt. 28

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 1 | 25 | Roadway | VA 28/Prince William Pkwy Interchange | Reconstruct interchange at VA 28 and Prince William Pkwy |
| 2 | 26 | ITS/ICM | VA 234 Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on VA 234. |
| 3 | 27 | Roadway | VA 28 Widening, I-66 to Loudoun | Widen VA 28 to 10 lanes between I-66 and Loudoun County (8 GP + 2 HOV) |
| 4 | 28 | Roadway | VA 28 / New Braddock Rd Interchange | Construct an interchange at VA 28 and New Braddock Road |
| 5 | 30 | Roadway | VA 28 Widening, Conner Dr to Old Centreville Rd | Widen VA 28 to six lanes between Conner Drive and Old Centreville Road |
| 6 | 31 | Roadway | VA 28 Widening, US 29 to Prince William Cty Line | Widen VA 28 to six lanes between Prince William County Line and U.S. 29 |
| 7 | 32 | Transit | VA 28 LRT/BRT | Construct LRT / BRT line parallel to VA 28 from Manassas to Dulles Airport |
| 8 | 33 | Bike/Ped | VA 28 Trail | Construct a shared used path on both sides of VA 28 from Prince William County line to Dulles Toll Road |
| 9 | 34 | Roadway | Godwin Dr Widening | Widen Godwin Dr from four to six lanes between Sudley Rd and VA 28 |
| 10 | 36 | Roadway | Sudley Road Widening | Widen Sudley Road from four to six lanes from I-66 to Balls Ford Road |
| 11 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |
| 12 | 48 | Transit | Extend High Capacity Transit to Centreville | Extend High Capacity transit from Metrorail to Centreville Potential modes include LRT, BRT, or improved bus service on corridor between stations. Construction of stations and PNR lots at Centreville, Stringfellow, and Government Center / Fair Oaks, and a station serving the City of Fairfax. |
| 13 | 52 | Roadway | Stone Road Overpass over I-66 from Route 29 to Route 28 | Construct 4-lane divided road between Stone Road at Route 29 and New Braddock Road, including bridges over I-66 and Big Rocky Run and a shared use path |

Segment 6-1: I-66/US 29/VRE Manassas — Prince William County Line to Rt. 28

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 14 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 15 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 16 | 115 | Transit | VRE Fredericksburg and Manassas Line Off-peak Service | Run bi-hourly trains during midday period between peaks on both Manassas and Fredericksburg Lines |
| 17 | 200 | Transit | New Manassas to Dulles OmniRide | Implement new transit service from Manassas to Dulles Airport via Route 28. Requires additional 4 buses. |
| 18 | 201 | Transit | New Gainesville / Haymarket to Dulles OmniRide | Implement new transit service from Gainesville and Haymarket to Dulles Airport via I-66 HOV lanes and Route 28. Requires 2 additional buses. |
| 19 | 214 | Roadway | Add NB lane to US 29 | Add NB lane to US 29 from I-66 to the entrance to Conway Robinson Memorial State Forest. |
| 20 | 220 | Roadway | Construct VA 234 Bypass Interchange at Balls Ford Rd | Project will provide a new grade separated interchange proposed at Rt. 234-Prince William Parkway and relocated Rt. 621-Balls Ford Road. In addition a new 4-lane facility with raised median will be constructed between Devlin Road and Doane Road |
| 21 | 226 | Roadway | Construct VA 234 Bypass North, I-66 to US 50 | Construct VA 234 Bypass North (Bi-County Parkway) from I-66 to US 50. Close US 29 from Pageland Lane to the bridge over Bull Run and close VA 234 Sudley Road from the southern park boundary to the northern park boundary. |
| 22 | 230 | Roadway | Construct/widen New Braddock Road | Construct/widen New Braddock Road from 0/2 lanes to 4 lanes from VA 28 to US 29 at VA 662 (Stone Road). |
| 23 | 235 | Roadway | Construct University Boulevard | Construct four lanes from Progress Court to Sudley Manor Drive |

Segment 6-1: I-66/US 29/VRE Manassas — Prince William County Line to Rt. 28

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 24 | 238 | Roadway | Widen Balls Ford Rd, Wellington Rd to Coppermine Dr | Widen Balls Ford Rd to four lanes from Wellington Rd to Coppermine Dr |
| 25 | 239 | Roadway | Widen Catharpin Rd, Heathcote Blvd to John Marshall Highway | Widen Catharpin Rd to four lanes from Heathcote Blvd to John Marshall Highway |
| 26 | 240 | Roadway | Widen Cushing Rd, Balls Ford Rd to I-66 | Widen Cushing Rd to four lanes from Balls Ford Rd. to I-66 |
| 27 | 242 | Roadway | Widen Devlin Rd, Wellington Rd to Linton Hall Rd | Widen Devlin Rd to four lanes from Wellington Rd to Linton Hall Rd |
| 28 | 247 | Roadway | Construct Haymarket Bypass, VA 29 to US 15 | Construct PWC portion of Haymarket Bypass from Old Carolina Rd to US 15 |
| 29 | 248 | Roadway | Widen Hornbaker Rd, Wellington Rd to Nokesville Rd | Widen Hornbaker Rd to four lanes from Wellington Rd to Nokesville Rd |
| 30 | 249 | Roadway | Widen I-66, Prince William County | Widen I-66 to eight lanes between Fauquier CL and Antioch Bridge Rd |
| 31 | 250 | Roadway | Widen US 15, Haymarket TL to US 29 | Widen US 15 James Madison Highway to four lanes from Haymarket TL to US 29. Project improvements implemented in conjunction with Railroad Overpass. |
| 32 | 252 | Roadway | Widen John Marshall Hgwy, Thoroughfare Rd to US 29 | Widen John Marshall Hwy from two to four lanes between Thoroughfare Rd (excluding Town of Haymarket) and Catharpin Rd and from four to six lanes between Catharpin Rd and Lee Hwy |
| 33 | 253 | Roadway | Widen US 29 Lee Highway, US 15 to Virginia Oaks Dr | Widen US 29 Lee Highway, to six lanes between US 15 and Virginia Oaks Drive |
| 34 | 255 | Roadway | Widen McGraws Corner Dr, Thoroughfare Rd to US 29 | Widen McGraws Corner Dr to four lanes between Thoroughfare Rd and US 29 |
| 35 | 258 | Roadway | Construct North South Rd, University Blvd to Wellington Rd | Construct four lane North South Rd, University Blvd to Wellington Rd |
| 36 | 260 | Roadway | Widen Old Carolina Rd, Heathcote Blvd to US 29 | Widen Old Carolina Rd to four lanes, Heathcote Blvd to US 29 |
| 37 | 261 | Roadway | Widen Old Centreville Rd, Fairfax CL to Centreville Rd (VA 28) | Widen Old Centreville Rd to four lanes between Fairfax County line and Centreville Rd (VA 28) |
| 38 | 263 | Roadway | Widen Prince William Pkwy, I-66 to Brentsville Rd | Widen Prince William Pkwy to six lanes, I-66 to Brentsville Rd |
| 39 | 264 | Roadway | Widen Prince William Pkwy, Liberia Ave to Hoadly Rd | Widen Prince William Pkwy to six lanes, Liberia Ave to Hoadly Rd |
| 40 | 266 | Roadway | Complete Rollins Ford Rd, Vint Hill Rd to Wellington Rd | Complete four lane Rollins Ford Rd, Linton Hall Rd to Wellington Rd |
| 41 | 267 | Roadway | Construct Station Rd, University Blvd to Balls Ford Rd | Construct four lane Station Rd, University Blvd to Balls Ford Rd |

Segment 6-1: I-66/US 29/VRE Manassas — Prince William County Line to Rt. 28

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 42 | 268 | Roadway | Widen Sudley Rd, US 15 to US 29 | Widen Sudley Rd to four lanes, US 15 James Madison Highway to US 29 Lee Highway |
| 43 | 269 | Roadway | Widen Sudley Manor Dr, Prince William Pkwy to Sudley Rd | Widen Sudley Manor Dr to six lanes, Prince William Pkwy to Sudley Rd |
| 44 | 272 | Roadway | Widen Thoroughfare Rd, US 15 to McGraws Corner Dr | Widen Thoroughfare Rd to four lanes, US 15 to McGraws Corner Dr |
| 45 | 273 | Roadway | Godwin Drive Extension | Construct four lane extension of Godwin Drive between Sudley Rd and Route 28 between Bull Run and Compton Rd. Construct grade-separated interchanges at Lomond Dr and Sudley Rd |
| 46 | 277 | Roadway | Widen Wellington Blvd, Prince William Pkwy to Godwin Dr | Widen Wellington Road from 2 to 4 lanes between Godwin Dr. and the Prince William Pkwy. and from 2 to 6 lanes between the Prince William Pkwy. and University Blvd. |
| 47 | 278 | Roadway | Widen Liberia Ave, Prince William Pkwy to Centreville Rd (VA 28) | Widen Liberia Ave to six lanes, Prince William Pkwy to Centreville Rd (VA 28) |
| 48 | 279 | Roadway | Widen VA 28, Liberia Ave to Manassas Park North CL | Widen VA 28 to six lanes, Liberia Ave to Manassas Park North CL |
| 49 | 285 | Roadway | VA 234/ Clover Hill Rd Interchange | Construct a grade-separated interchange at VA 234/Prince William Pkwy and Clover Hill Rd |
| 50 | 298 | Transit | Implement new OmniLink service | Implement new OmniLink routes: Innovation-to-Gainesville/Haymarket; Innovation-to-Manassas; Montclair local |

Segment 6-1: I-66/US 29/VRE Manassas — Prince William County Line to Rt. 28

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 51 | 301 | Transit | VRE Manassas Line Rail Capacity Enhancements | <p>1. Increase frequencies to 20-min in peak period. In support of this improvement:</p> <ul style="list-style-type: none"> a. Construct track capacity enhancements (additional track and capacity improvements) from Alexandria/AF to Manassas Line terminus, including existing Broad Run VRE station. b. Purchase additional rolling stock in support of 8-car trains and peak service improvements (TIP reflects purchases for 8-car trains in peak hour, additional needed beyond CLRP commitment). c. Construct/expand VRE equipment storage and maintenance facilities in Manassas and midday storage in Washington, D.C. d. Construct station/platform, parking and access improvements at VRE Manassas Line stations, including expand existing Broad Run VRE station/parking/access. e. Improve information sharing through ITS/TSM enhancements for improved communications. <p>Rail improvements in support of I-81 / US-29 Intercity Passenger Rail (DRPT/AMTRAK)</p> |
| 52 | 315 | Transit | I-66 Corridor Park & Ride Prince William | <p>Construct new park & ride lots along the I-66 corridor in Prince William at *Dominion, ***Innovation, ***James Madison Arrowleaf, ***Linton Hall School, and ***Yorkshire. Expand existing P&R capacity at *Limestone Drive and *Manassas Mall/Sears.</p> |
| 53 | 326 | Transit | Manassas Line Peak Period Service Expansion | <p>Improve frequencies to 15-min. peak period and new reverse peak period service. In support of this improvement:</p> <ul style="list-style-type: none"> a. Purchase additional rolling stock b. Construct/expand VRE equipment storage and maintenance facilities c. Rail Line capacity improvements d. Station/Parking Access improvements e. ITS/TSM improvements. |

Segment 6-1: I-66/US 29/VRE Manassas — Prince William County Line to Rt. 28

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 54 | 328 | Roadway | Widen Route 28 from 4 -6 lanes from Conner Drive (Manassas/PWC line) to Bull Run Creek (Fairfax County Line) | Widen Route 28 from 4 -6 lanes from Conner Drive (Manassas/PWC line) to Bull Run Creek (Fairfax County Line). |
| 55 | 329 | Roadway | Route 15 Improvements with Railroad Overpass | Project will widen Route 15 from 2 to 4 lanes and build an overpass over the existing Norfolk Southern Railway (NS) B-Line tracks. The project extends about 1000' north of the tracks and extends approximately 1200' south of the tracks |
| 56 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 57 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 58 | 344 | Transit | VRE Express Service - Manassas Line | Implement peak period express service on VRE Manassas Line: - One express train and three local trains per hour during AM and PM peak periods - Stops at Broad Run, Manassas Park, Burke Centre, Alexandria, Crystal City, L'Enfant, and Union Station |
| 59 | 347 | Roadway | VA-28 Reversible HOV Lanes | Implement reversible HOV lanes on VA-28 between I-66 and the Dulles Toll Road during AM and PM peak periods |
| 60 | 351 | Roadway | Tri-County Parkway | Construct four-lane Tri-County Parkway facility between Godwin Drive extension and I-66 interchange. Construct four lane facility between I-66 and Manassas Battlefield Parkway / Gum Springs Rd. |
| 61 | 357 | Roadway | Braddock Rd Widening, VA-28 to County Line | Widen Braddock Rd to four lanes between VA-28 and the Fairfax County Line |
| 62 | 358 | Roadway | Euclid Avenue Extension | Extend four lane Euclid Avenue north from Prescott Ave to Route 28 south of Bull Run |

Segment 6-2: I-66/US 29/US 50/Orange Silver Line — Rt. 28 to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 1 | 27 | Roadway | VA 28 Widening, I-66 to Loudoun | Widen VA 28 to 10 lanes between I-66 and Loudoun County (8 GP + 2 HOV) |
| 2 | 31 | Roadway | VA 28 Widening, US 29 to Prince William Cty Line | Widen VA 28 to six lanes between Prince William County Line and U.S. 29 |
| 3 | 32 | Transit | VA 28 LRT/BRT | Construct LRT / BRT line parallel to VA 28 from Manassas to Dulles Airport |
| 4 | 33 | Bike/Ped | VA 28 Trail | Construct a shared used path on both sides of VA 28 from Prince William County line to Dulles Toll Road |
| 5 | 38 | Roadway | Fairfax County Pkwy HOV Widening (Franconia) | Widen Fairfax County Pkwy by adding HOV lanes from Franconia Springfield Pkwy to I-66 |
| 6 | 42 | Transit | Fairfax County Pkwy Priority Bus Service | Implement priority bus service on Fairfax County Parkway between Herndon/Monroe Metrorail station and Ft. Belvoir |
| 7 | 43 | Roadway | Route 286 Widening Fairfax County Parkway Widening (VA 123 to US 29) | Widen Fairfax County Parkway from VA 123 (Ox Rd) to US 29 (Lee Highway) from four lanes to six lanes. Construct a grade-separated interchange at the intersection of the Fairfax County Parkway and Popes Head Road, with shared used paths on both sides. |
| 8 | 44 | Roadway | Shirley Gate Road Extension | Extend Shirley Gate Road from Braddock Rd to Fairfax County Parkway |
| 9 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |
| 10 | 46 | Roadway | US 50 Widening, City of Fairfax to Arlington County | Widen US 50 inside the Beltway from 4 to 6 lanes from City of Fairfax to Arlington County. The project would include intersection improvements, including signalization improvements, and pedestrian and bike facilities |
| 11 | 48 | Transit | Extend High Capacity Transit to Centreville | Extend High Capacity transit from Metrorail to Centreville Potential modes include LRT, BRT, or improved bus service on corridor between stations. Construction of stations and PNR lots at Centreville, Stringfellow, and Government Center / Fair Oaks, and a station serving the City of Fairfax. |

Segment 6-2: I-66/US 29/US 50/Orange Silver Line — Rt. 28 to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 12 | 49 | Transit | US 29 / US 50 Priority Bus | Implement priority bus service along US 29 and US 50 between Fair Oaks and Washington DC. |
| 13 | 55 | Bike/Ped | US 29 trail | Construct a trail along US 29 from Dixie Hill Rd to EFC Metrorail Station |
| 14 | 56 | Roadway | Widen VA 123, Fairfax to Vienna | Widen VA 123 to six lanes between City of Fairfax and Town of Vienna |
| 15 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 16 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 17 | 63 | Transit | Route 50 Express Bus | Improve Route 50 - Orange Line bus connections. |
| 18 | 65 | Transit | Duke Street Transitway | Construct a four-mile segment of the high-capacity transitway on Duke Street within Alexandria. Reconstruct Duke Street from Wheeler Ave to Jordan St w/ a center left-turn lane. Construct bicycle and pedestrian improvements along corridor. The first phase would create dedicated transit lanes in existing six-lane sections of Duke Street between Landmark Mall and Jordan Street and between Roth Street and Diagonal Road. Between Jordan Street and Roth Street, transit would operate in mixed flow. |
| 19 | 71 | Transit | Merrifield-Tysons BRT / LRT | Construct enhanced transit service (BRT/LRT) between Fairfax Hospital in Merrifield to Tysons. Includes 6 lanes (4 GP + 2 Transit) on Gallows Rd. |
| 20 | 95 | Roadway | VA 123 Widening, Braddock Rd to Fairfax | Widen VA 123 to six lanes between City of Fairfax and Braddock Rd |
| 21 | 96 | Roadway | Braddock Rd Widening, Ox Road to Fairfax County Pkwy | Widen Braddock Rd to six lanes from Ox Rd to VA 286 |

Segment 6-2: I-66/US 29/US 50/Orange Silver Line — Rt. 28 to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 22 | 98 | Transit | VA 236 Bus Priority, Alexandria to Fairfax | Implement bus priority service on VA 236 between Alexandria and Fairfax. |
| 23 | 99 | Transit | VA 123 Priority Bus Service | Add bus priority service on VA 123 to serve Tysons. |
| 24 | 100 | Transit | Metrorail Fleet Expansion | Expand Metrorail fleet to enable operations of 100 percent eight-car trains during peak period. Expansion, upgrades, and replacements of the rail car fleet, traction power substations, power cabling, third rail, train control systems, and storage facilities. |
| 25 | 104 | Transit | Metro station access and capacity improvements | Construction of station access and capacity improvements at: Rosslyn, Pentagon, Vienna, Foggy Bottom, Farragut West, McPherson Square, Metro Center, L'Enfant Plaza, and Union Station. Also includes station area lighting and customer amenities. |
| 26 | 105 | Transit | Metrobus Priority Corridor Network Plan | PCN Improvements will include improved transit signal priority and exclusive bus lanes, increased frequency and span of service. Improved customer information, expanded fare payment options, enhanced bus stops and facilities. Metrobus service improvements on these routes: CC-PY{9A, E, S, X}; Leesburg Pike{28A, 28X, 28F, G, T}; Little River Tpke/Duke St{29K, N, 29C, E, H} |
| 27 | 108 | Transit | Metrorail Real-Time Parking Info | Deployment of real-time parking information signage at WMATA rail stations |
| 28 | 126 | Transit | I-66 / Orange Line Bus Facility Improvements | Expand and improve bus bays, passenger facilities, and bus circulation and access paths at all Orange Line stations and bus centers in the I-66 corridor. |
| 29 | 134 | Roadway | Fairfax Boulevard Multimodal Improvements | Implement multimodal improvements and improve local connections along Fairfax Boulevard. Enhance transit, ped-bike and roadway facilities and infrastructure. |

Segment 6-2: I-66/US 29/US 50/Orange Silver Line — Rt. 28 to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 30 | 135 | Roadway | Jermantown Rd Multimodal Improvements | Implement multimodal improvements and improve local connections along Jermantown Rd. Enhance transit, ped-bike and roadway facilities and infrastructure. Includes widening of Jermantown Road to four lanes south of the I-66 bridge as well as extension of Government Center Parkway. May include participation with Fairfax County on widening of bridge over I-66. |
| 31 | 136 | Roadway | VA 123 Multimodal Improvements | Implement multimodal improvements, improve intersections and local connections, and improve transit service along VA 123. Enhance transit, ped-bike and roadway facilities and infrastructure. |
| 32 | 137 | Roadway | Old Lee Highway Multimodal Improvements | Implement multimodal improvements along Old Lee Highway. Enhance transit, ped-bike and roadway facilities and infrastructure. |
| 33 | 138 | Bike/Ped | Fairfax Citywide Bike-Ped Access | Improve on- and off-road bike and pedestrian facilities, routes, and infrastructure along and adjacent to City of Fairfax corridors to provide better access to Metrorail and regional trails. Expand bikeshare, bike storage, and signage. Includes the extension of the George Snyder Trail. |
| 34 | 139 | Roadway | Northfax Network Improvements | Improved connections and circulation for all modes in the Northfax node. Improvements to and along Fairfax Boulevard in the vicinity of the Northfax intersection including ped-bike safety, local access, upgraded infrastructure and new routes. Improve vehicular circulation, access and movements in proximity to the Northfax intersection (Routes 29/50/123). Includes extension of University Drive. |
| 35 | 140 | Roadway | Fairfax Circle Improvements | Intersection Improvements at Fairfax Circle to improve vehicular and ped-bike mobility and safety. |

Segment 6-2: I-66/US 29/US 50/Orange Silver Line — Rt. 28 to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 36 | 141 | Roadway | Northfax Intersection Improvements | Geometric improvements to intersection including extension of a 3rd northbound lane on Route 123 from Route 29/50 to Eaton Place, the addition of a dual left turn from southbound Route 123 to eastbound Route 29/50, the correction of substandard existing lane shifts within the project limits, the extension of turn lanes, and access management improvements where feasible. Also includes a new drainage system, including a major culvert. |
| 37 | 142 | Transit | Transit Enhancements, City of Fairfax | Upgrade and construct transit stops and shelters on CUE routes with improved facilities, design, technology, and/or ped-bike access. Expand transit service and purchase additional buses. |
| 38 | 198 | Transit | Vienna Metro Access Improvements | Improve access to Metro and encourage mass transit use by completing all sidewalks within 1/2 mile of Vienna and Tysons Metrorail stations. Also, provide a trolley or circulator bus along Maple Ave (VA 123) to connect with Vienna Metro station and Metro Silver Line in Tysons. A parking garage would be provided along the route. Includes "Walk to Metro" and "Commercial Transit, Metro Access, and Parking" projects. |
| 39 | 200 | Transit | New Manassas to Dulles OmniRide | Implement new transit service from Manassas to Dulles Airport via Route 28. Requires additional 4 buses. |
| 40 | 201 | Transit | New Gainesville / Haymarket to Dulles OmniRide | Implement new transit service from Gainesville and Haymarket to Dulles Airport via I-66 HOV lanes and Route 28. Requires 2 additional buses. |
| 41 | 210 | Roadway | Widen auxiliary lanes along I-495 | Widen auxiliary lanes along various segments of I-495 from north of Hemming Ave Underpass to Georgetown Pike. Reconstruct the I-495 auxiliary lane from VA 7 to I-66 |
| 42 | 215 | Roadway | Widen US 29, City of Fairfax to I-495 | Widen US 29 from 4 to 6 lanes from Fairfax ECL to I-495. |
| 43 | 216 | Roadway | Widen US 29, VA 665 to Pickwick Rd | Widen US 29 from 4 to 6 lanes from Waples Mill Rd to Pickwick Road |

Segment 6-2: I-66/US 29/US 50/Orange Silver Line — Rt. 28 to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 44 | 222 | Roadway | Widen/upgrade/convert VA 286 Fairfax County Parkway to include HOV lanes | Widen/upgrade/convert VA 286 Fairfax County Parkway to include HOV lanes from VA 267 Dulles Toll Road to I-66. |
| 45 | 290 | Transit | Dunn Loring to Ballston priority bus | Through enhancement of Metrobus 2A service, provide frequent service on Lee Highway and Washington Blvd from Dunn Loring Metro in Fairfax County through the City of Falls Church, East Falls Church Metro and Washington Blvd to Ballston Metro. |
| 46 | 330 | Transit | Fairfax County Express Bus, Reston / Franconia-Springfield | Implement express bus service along VA 286 Fairfax County Parkway between Reston Metro and Franconia-Springfield Metro |
| 47 | 331 | Transit | Tysons Express Bus | Implement express bus service between Tysons and Huntington Metro, and Tysons and Franconia-Springfield Metro. |
| 48 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 49 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 50 | 347 | Roadway | VA-28 Reversible HOV Lanes | Implement reversible HOV lanes on VA-28 between I-66 and the Dulles Toll Road during AM and PM peak periods |
| 51 | 348 | Transit | Reston Express Bus | Implement Express bus service between Reston Town Center and Fairfax Center via Reston Parkway and West Ox Rd |
| 52 | 350 | Transit | US 29 BRT | Implement BRT service on US 29 Lee Highway in a dedicated lane where facility is six lanes. |
| 53 | 355 | Roadway | I-495 / I-395 Lane Restrictions | Implement lane restrictions for commercial trucks on I-495 and I-395 |
| 54 | 357 | Roadway | Braddock Rd Widening, VA-28 to County Line | Widen Braddock Rd to four lanes between VA-28 and the Fairfax County Line |

Segment 6-3: I-66/US 29/US 50/Orange Silver Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 1 | 1 | Transit | VA 7 Transit: Tysons - Mark Center | Construct Bus Rapid Transit line along VA 7 between Tysons and Mark Center with a connection to East Falls Church Metrorail Station |
| 2 | 2 | Roadway | VA 7 Widening, VA 123 to I-495 | Widen VA 7 from six to eight lanes from VA 123 (Chain Bridge Rd) to I-495 (Capital Beltway) |
| 3 | 3 | Roadway | VA 7 Widening, I-495 to I-66 | Widen VA 7 from four to six lanes from I-495 to I-66 |
| 4 | 4 | Roadway | VA 7 Widening, Seven Corners to Bailey's Crossroads | Widen VA 7 from four to six lanes between Seven Corners and Bailey's Crossroads |
| 5 | 9 | Transit | Tysons Circulator | Implement Tysons Circulator System |
| 6 | 12 | Bike/Ped | Leesburg-Alexandria VA 7 Trail | Construct trail along VA 7 from Leesburg to Alexandria |
| 7 | 19 | Roadway | Seven Corners Ring Road Improvements | Construct ring road and improve interchange at Seven Corners to reduce congestion on Route 7, improve access between Seven Corners / Falls Church / Bailey's Crossroads, and facilitate redevelopment of the area. Improve safety, navigation of vehicles and cyclists/pedestrians in and throughout the area. |
| 8 | 22 | Bike/Ped | Bike Lanes Route 7 - Alexandria to Seven Corners | Construct protected bike lanes on both sides of VA 7 between Alexandria and Seven Corner. Connect with City of Falls Church's bicycle network. |
| 9 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |
| 10 | 46 | Roadway | US 50 Widening, City of Fairfax to Arlington County | Widen US 50 inside the Beltway from 4 to 6 lanes from City of Fairfax to Arlington County. The project would include intersection improvements, including signalization improvements, and pedestrian and bike facilities |
| 11 | 47 | Roadway | Clarendon Circle Multimodal Improvements | Construct multimodal improvements at the intersection of Wilson Blvd, Washington Blvd, and Clarendon Blvd. Widen Washington Blvd from 3 to 4 lanes from Wilson to Kirkwood |

Segment 6-3: I-66/US 29/US 50/Orange Silver Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 12 | 49 | Transit | US 29 / US 50 Priority Bus | Implement priority bus service along US 29 and US 50 between Fair Oaks and Washington DC. |
| 13 | 50 | Transit | East Falls Church Metrorail Station Second Entrance | Planning, design, and construction of a full second entrance to EFC station, including new bus bays, a western mezzanine, and bicycle and pedestrian connections |
| 14 | 51 | Transit | Ballston-MU Additional Entrance | Construct new entrance and pedestrian access on the western side of the Ballston Metrorail station. Project includes expanded bus bays and passenger facilities. |
| 15 | 53 | Transit | Courthouse Metrorail station access | Improve vertical access to Courthouse Metrorail station |
| 16 | 54 | Roadway | Falls Church Multimodal Improvements | Multimodal Improvements in the City's state-recognized revitalization areas (1) West Broad Street, (2) Washington Street Corridor, and (3) East End. These areas are all included in the COG-recognized Falls Church activity center. Improvements will include improved intersection geometry and signalization, improved pedestrian connectivity and accessibility, improved transit stops, and improved bicycle access |
| 17 | 55 | Bike/Ped | US 29 trail | Construct a trail along US 29 from Dixie Hill Rd to EFC Metrorail Station |
| 18 | 57 | Transit | Ballston Multimodal Improvements | Construct improvements to bus shelters, bus bays, sidewalks, landscaping, and bicycle parking |
| 19 | 58 | Transit | East Falls Church Metrorail Station Multimodal Improvements | Construct Multimodal improvements, including new/restructured bus bays at the current station, bicycle and pedestrian connections, improve access and signalization on N Sycamore Street and Washington Blvd., and install Bikeshare stations. Improvements per the EFC Vision Plan |
| 20 | 59 | Transit | Lee Highway bus improvements | Improved local ART bus service on US 29 between Rosslyn and EFC. |

Segment 6-3: I-66/US 29/US 50/Orange Silver Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 21 | 60 | Bike/Ped | Arlington Regional Trail Network | <p>Provide dedicated bike facilities, bikesharing and key sidewalk improvements on north-south corridors in Arlington to connect major east-west corridors with each other. Example corridors includes Carlin Springs Road, Walter Reed Drive/Fillmore Street, Harrison St, Washington Blvd, Rt 110, and others. Network also includes:</p> <ul style="list-style-type: none"> -Trail parallel to Washington Blvd between Arlington Blvd and Columbia Pike -Rehab of Custis Trail to current VDOT shared used path design and construction specifications in Rosslyn -Extension of Custis Trail north of I-66 between Kennebec and Quantico -Long Bridge Park Esplanade extension to Mt Vernon Trail -Arlington Blvd trail -Theodore Roosevelt Bridge connection to Mt Vernon Trail and Marine Corps War Memorial -Dedicated cycling facility along the Route 50 service road (south side), between N. Rhodes St. and N. Meade St. -Expansion of Arlington bicycle commuter routes: Bluemont Junction Trail, Custis |
| 22 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 23 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 24 | 63 | Transit | Route 50 Express Bus | Improve Route 50 - Orange Line bus connections. |

Segment 6-3: I-66/US 29/US 50/Orange Silver Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 25 | 71 | Transit | Merrifield-Tysons BRT / LRT | Construct enhanced transit service (BRT/LRT) between Fairfax Hospital in Merrifield to Tysons. Includes 6 lanes (4 GP + 2 Transit) on Gallows Rd. |
| 26 | 79 | Transit | West End Transitway | Construct a four-mile segment of the dedicated bus lanes between the Van Dorn Metro station and Arlington County. This project will also provide pedestrian and bike facilities in the corridor |
| 27 | 91 | ITS/ICM | I-95/I-395 ICM Program | <p>I-95/I-395 ICM Program:</p> <ul style="list-style-type: none"> -Multimodal Traveler Information: Integration of roadway, transit, and parking information. -Dynamic Ramp Metering: Upgrade of existing ramp metering system. -Parallel Arterial Operations Improvements: Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-95 corridor (including US 1 and Telegraph Rd) -Parking Management: Expansion of pilot program to additional PNR lots. -Decision Support System: Software system to support corridor management activities across multiple facilities and modes. |
| 28 | 97 | Transit | Columbia Pike Priority Transit Network (PrTN) | Provide priority transit service from Skyline to Crystal City via Pentagon City, including limited-stop bus service, improved headways, and 24 transit stations. |
| 29 | 100 | Transit | Metrorail Fleet Expansion | Expand Metrorail fleet to enable operations of 100 percent eight-car trains during peak period. Expansion, upgrades, and replacements of the rail car fleet, traction power substations, power cabling, third rail, train control systems, and storage facilities. |

Segment 6-3: I-66/US 29/US 50/Orange Silver Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 30 | 101 | Bike/Ped | Columbia Pike Corridor urban bike/ped network | Improve bicycle and pedestrian infrastructure in and around the Columbia Pike corridor, including bikeways, bikesharing, and key sidewalk improvements, to convert SOV trips to, within, and between activity center areas from car to bike/pedestrian. Includes parallel bike routes along 9th St, 11th St, and 12th in the vicinity of Columbia Pike. |
| 31 | 102 | Bike/Ped | Arlington TDM Package | Improve and expand the commuter assistance and other programs provided by Arlington County Commuter Services. Includes new commuter stores and next generation IT services, implementation of transportation system management and communication upgrade throughout the County, and improvements to traveler information via creation or expansion of informational, wayfinding, alert, or real-time signs providing information on multimodal transportation options. Develop a system of coordinated mobility hubs along major corridors to fully integrate transit, bikesharing, carsharing, ridesharing, pedestrians, bicycling, ride hailing and other shared use services. Develop, coordinate, implement, and/or expand shared-ride and ride-hailing services for first mile/last mile connections to transit and mobility hubs as well as to activity centers, parking, and pick-up hotspots. Includes support for autonomous vehicles, casual carpooling, on-demand services |

Segment 6-3: I-66/US 29/US 50/Orange Silver Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 32 | 103 | ITS/ICM | Arlington ITS Projects | Implement intelligent transportation systems and adaptive traffic control system on regional corridors within Arlington County, including: - Enhancement of Traffic System and Technology to a Smart Traffic Signal system; - Installation of Intelligent Transportation System (ITS) and corresponding Adaptive Traffic Control System program on US 29 Lee Highway to better manage traffic flow. Includes additional Bluetooth devices, count stations, CCTV cameras, and FLIR detectors and upgraded signals for better-timed connection with I-66; - Reconstruction of traffic signals to meet current standards, including upgrade from span wire to mast arm |
| 33 | 104 | Transit | Metro station access and capacity improvements | Construction of station access and capacity improvements at: Rosslyn, Pentagon, Vienna, Foggy Bottom, Farragut West, McPherson Square, Metro Center, L'Enfant Plaza, and Union Station. Also includes station area lighting and customer amenities. |
| 34 | 105 | Transit | Metrobus Priority Corridor Network Plan | PCN Improvements will include improved transit signal priority and exclusive bus lanes, increased frequency and span of service. Improved customer information, expanded fare payment options, enhanced bus stops and facilities. Metrobus service improvements on these routes: CC-PY{9A, E, S, X}; Leesburg Pike{28A, 28X, 28F, G, T}; Little River Tpke/Duke St{29K, N, 29C, E, H} |
| 35 | 106 | Transit | Metrorail Blue Line Core Realignment | Create a new alignment for Blue Line from Northern Virginia into the District of Columbia. Add a second Rosslyn station with an underground passageway to Orange and Silver line station. |
| 36 | 107 | Transit | Expansion of Metrobus and Fairfax Connector Bus Services | Increase bus frequency and service during off-peak periods and weekends; add new routes. |

Segment 6-3: I-66/US 29/US 50/Orange Silver Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 37 | 108 | Transit | Metrorail Real-Time Parking Info | Deployment of real-time parking information signage at WMATA rail stations |
| 38 | 111 | Bike/Ped | Rosslyn-Ballston Corridor Urban Ped/Bike Network | Improve bicycle and pedestrian infrastructure in and around the Rosslyn-Ballston Corridor, including bikeways, bikesharing, and key sidewalk improvements, to convert SOV trips to, within, and between Metro station areas from car to bike/pedestrian, and to enable access to/from Metro stations to high-density housing and job centers. Includes a designated bicycle lane along N. Lynn St. and along Fort Myer Drive between Lee Highway at Rosslyn Circle and Fairfax Drive south of Arlington Blvd. |
| 39 | 114 | Transit | Metrorail Pocket Track Improvements | Construct new OR/SV junction infrastructure and pocket track at East Falls Church or West Falls Church. Improve or add pocket tracks to provide flexibility for short-lining, maintenance and crossovers. |
| 40 | 118 | Bike/Ped | East Falls Church Bikeshare Connections | Install up to 24 bike-share stations along Route 29, Route 7, Sycamore St, Roosevelt St, and W&OD Trail in Falls Church. |
| 41 | 122 | Transit | ART Service Restructuring and Expansion | Purchase of buses in support of Arlington Transit (ART) service restructuring and expansion. Includes implementation of priority bus service on Glebe Road between Marymount University and Potomac Yard Metro via Ballston. |
| 42 | 125 | Transit | Rosslyn Station Bus Transit Center | Expand capacity at existing Rosslyn Transit Center |
| 43 | 127 | Transit | Blue and Yellow Line Bus Facility Improvements | Expand and improve bus bays, passenger facilities, and bus circulation and access paths at all Yellow and Blue Line stations and transit centers in the I-395/ US-1 corridor |
| 44 | 132 | Transit | Enhanced Bus Service - Falls Church | Enhance bus service along US 29 and VA 7 in the City of Falls Church: including all day service, 15 minute frequency, and bus shelters with real-time information |

Segment 6-3: I-66/US 29/US 50/Orange Silver Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 45 | 133 | Bike/Ped | Enhance regional bike routes (W& OD) - Falls Church | Enhance regional bike routes (W& OD): including separate trails for walking and biking, updated crossings to increase safety, and lighting to keep trail open all year |
| 46 | 199 | Transit | New Central/East County to Pentagon/DC OmniRide | Implement new transit route between Central East Prince William County, Pentagon, and downtown DC via the I-95 HOV lanes. Requires 4 additional buses. |
| 47 | 203 | Roadway | I-66 Spot Improvements - Spot 3 | Construct an auxiliary lane connecting on-ramp from Lee Highway to off-ramp on N Glebe Rd on westbound I-66 |
| 48 | 210 | Roadway | Widen auxiliary lanes along I-495 | Widen auxiliary lanes along various segments of I-495 from north of Hemming Ave Underpass to Georgetown Pike. Reconstruct the I-495 auxiliary lane from VA 7 to I-66 |
| 49 | 212 | Roadway | Widen Dulles Airport Access Road | Widen Dulles Airport Access Road from Dulles Airport to VA 123 |
| 50 | 215 | Roadway | Widen US 29, City of Fairfax to I-495 | Widen US 29 from 4 to 6 lanes from Fairfax ECL to I-495. |
| 51 | 232 | Roadway | Widen Magarity Road | Widen Magarity Road from 2 to 4 lanes from VA 7 to Great Falls Street. |
| 52 | 290 | Transit | Dunn Loring to Ballston priority bus | Through enhancement of Metrobus 2A service, provide frequent service on Lee Highway and Washington Blvd from Dunn Loring Metro in Fairfax County through the City of Falls Church, East Falls Church Metro and Washington Blvd to Ballston Metro. |
| 53 | 291 | Transit | Arlington mobility hubs | Develop a system of coordinated mobility hubs along major corridors to fully integrate transit, bikesharing, carsharing, ridesharing, pedestrians, bicycling, ride hailing and other shared use services; |
| 54 | 292 | Transit | Off-vehicle fare collection | Develop a system of off board fare collections for ART and WMATA buses. |

Segment 6-3: I-66/US 29/US 50/Orange Silver Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 55 | 294 | Bike/Ped | Lee Highway Multimodal Improvements | The project expands the multi-modal transportation capacity and safety in the Lee Highway corridor, providing viable options to move more people without increasing the volume of single-occupant vehicles. Includes addition of bicycle facilities along US 29 corridor and reconstruction of US 29 from North Quincy St to North Kenmore St. |
| 56 | 295 | Roadway | Roosevelt Bridge HOT lanes | DC project to implement HOT on Roosevelt Bridge |
| 57 | 297 | Transit | Increase off-peak transit service on I-95 Corridor | Add bus trips to the existing service: Lake Ridge-DC, Lake Ridge-Pentagon/Crystal City; Dale City/Potomac Mills-Pentagon/Crystal City; Dale City/Potomac-Mills/Rosslyn/Ballston; Montclar/Dumfries-Pentagon/DC; Montclair/Dumfries-Pentagon; Dale City/Potomac Mills-Mark Center |
| 58 | 331 | Transit | Tysons Express Bus | Implement express bus service between Tysons and Huntington Metro, and Tysons and Franconia-Springfield Metro. |
| 59 | 333 | Transit | East Falls Church Metro to Seven Corners Transit Boulevard | Transit and ped/bike connections along Sycamore and Roosevelt with a bridge overpass connecting to planned redevelopment in Seven Corners (shown in Fairfax County comp plan, page 113) |
| 60 | 334 | Transit | Falls Church Metro Station Access | Multimodal Access Improvements for the East Falls Church and West Falls Church Metro stations including pedestrian access, bicycle access and bike-share stations, and bus access. |
| 61 | 335 | Bike/Ped | Regional Bike Connections - Falls Church | On-street bike facilities to connect the City's bicycle network to the W&OD, Arlington County's network and Fairfax County's network as called for in the City's Bicycle Master Plan |
| 62 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |

Segment 6-3: I-66/US 29/US 50/Orange Silver Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 63 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 64 | 349 | Transit | Rosslyn-Ballston Corridor Priority Bus | Implement priority bus service on Fairfax Drive and Wilson Blvd between Ballston and Rosslyn. |
| 65 | 350 | Transit | US 29 BRT | Implement BRT service on US 29 Lee Highway in a dedicated lane where facility is six lanes. |
| 66 | 352 | Transit | ART Service Improvements | Increase ART service on crowded corridors in Arlington County, supported by capacity increases at Heavy Maintenance / Bus Parking facilities |
| 67 | 355 | Roadway | I-495 / I-395 Lane Restrictions | Implement lane restrictions for commercial trucks on I-495 and I-395 |

Segment 7-1: I-495 — American Legion Bridge to I-66

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 1 | 1 | Transit | VA 7 Transit: Tysons - Mark Center | Construct Bus Rapid Transit line along VA 7 between Tysons and Mark Center with a connection to East Falls Church Metrorail Station |
| 2 | 2 | Roadway | VA 7 Widening, VA 123 to I-495 | Widen VA 7 from six to eight lanes from VA 123 (Chain Bridge Rd) to I-495 (Capital Beltway) |
| 3 | 3 | Roadway | VA 7 Widening, I-495 to I-66 | Widen VA 7 from four to six lanes from I-495 to I-66 |
| 4 | 9 | Transit | Tysons Circulator | Implement Tysons Circulator System |
| 5 | 12 | Bike/Ped | Leesburg-Alexandria VA 7 Trail | Construct trail along VA 7 from Leesburg to Alexandria |
| 6 | 15 | Roadway | VA 123 Widening, VA 7 to Old Courthouse Rd | Widen VA 123 to six lanes from VA 7 to Old Courthouse Rd |
| 7 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |
| 8 | 49 | Transit | US 29 / US 50 Priority Bus | Implement priority bus service along US 29 and US 50 between Fair Oaks and Washington DC. |
| 9 | 54 | Roadway | Falls Church Multimodal Improvements | Multimodal Improvements in the City's state-recognized revitalization areas (1) West Broad Street, (2) Washington Street Corridor, and (3) East End. These areas are all included in the COG-recognized Falls Church activity center. Improvements will include improved intersection geometry and signalization, improved pedestrian connectivity and accessibility, improved transit stops, and improved bicycle access |
| 10 | 55 | Bike/Ped | US 29 trail | Construct a trail along US 29 from Dixie Hill Rd to EFC Metrorail Station |
| 11 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |

Segment 7-1: I-495 — American Legion Bridge to I-66

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 12 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 13 | 63 | Transit | Route 50 Express Bus | Improve Route 50 - Orange Line bus connections. |
| 14 | 67 | Transit | American Legion Bridge High Capacity Transit | Construct high capacity surface transit (express bus service) from Fairfax County to Montgomery County via the American Legion Bridge and Tysons Corner. |
| 15 | 69 | Roadway | I-495 HOT Lanes | Implement HOT lanes on I-495 between American Legion Bridge and VA-267 |
| 16 | 71 | Transit | Merrifield-Tysons BRT / LRT | Construct enhanced transit service (BRT/LRT) between Fairfax Hospital in Merrifield to Tysons. Includes 6 lanes (4 GP + 2 Transit) on Gallows Rd. |
| 17 | 97 | Transit | Columbia Pike Priority Transit Network (PrTN) | Provide priority transit service from Skyline to Crystal City via Pentagon City, including limited-stop bus service, improved headways, and 24 transit stations. |
| 18 | 99 | Transit | VA 123 Priority Bus Service | Add bus priority service on VA 123 to serve Tysons. |
| 19 | 100 | Transit | Metrorail Fleet Expansion | Expand Metrorail fleet to enable operations of 100 percent eight-car trains during peak period. Expansion, upgrades, and replacements of the rail car fleet, traction power substations, power cabling, third rail, train control systems, and storage facilities. |
| 20 | 105 | Transit | Metrobus Priority Corridor Network Plan | PCN Improvements will include improved transit signal priority and exclusive bus lanes, increased frequency and span of service. Improved customer information, expanded fare payment options, enhanced bus stops and facilities. Metrobus service improvements on these routes: CC-PY{9A, E, S, X}; Leesburg Pike{28A, 28X, 28F, G, T}; Little River Tpke/Duke St{29K, N, 29C, E, H} |

Segment 7-1: I-495 — American Legion Bridge to I-66

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 21 | 107 | Transit | Expansion of Metrobus and Fairfax Connector Bus Services | Increase bus frequency and service during off-peak periods and weekends; add new routes. |
| 22 | 108 | Transit | Metrorail Real-Time Parking Info | Deployment of real-time parking information signage at WMATA rail stations |
| 23 | 132 | Transit | Enhanced Bus Service - Falls Church | Enhance bus service along US 29 and VA 7 in the City of Falls Church: including all day service, 15 minute frequency, and bus shelters with real-time information |
| 24 | 133 | Bike/Ped | Enhance regional bike routes (W& OD) - Falls Church | Enhance regional bike routes (W& OD): including separate trails for walking and biking, updated crossings to increase safety, and lighting to keep trail open all year |
| 25 | 198 | Transit | Vienna Metro Access Improvements | Improve access to Metro and encourage mass transit use by completing all sidewalks within 1/2 mile of Vienna and Tysons Metrorail stations. Also, provide a trolley or circulator bus along Maple Ave (VA 123) to connect with Vienna Metro station and Metro Silver Line in Tysons. A parking garage would be provided along the route. Includes "Walk to Metro" and "Commercial Transit, Metro Access, and Parking" projects. |
| 26 | 204 | Roadway | Greensboro Drive Extension | Extend Greensboro Drive from Spring Hill Road to Tyco Road |
| 27 | 205 | Roadway | I-495 Overpass Tysons Corner | Construct I-495 overpass at Tysons Corner Center |
| 28 | 206 | Roadway | Cleveland Ramps | Reconstruct VA 267 / VA 123 interchange to provide connections to a new street grid |
| 29 | 207 | Roadway | VA 123 / Lewinsville Rd / Great Falls St Underpass | Construct a grade-separated underpass at the intersection of VA 123 / Lewinsville Rd / Great Falls St |
| 30 | 208 | Roadway | VA 123 / VA 7 Interchange | Reconstruct interchange between Route 7 and Route 123 in Tysons. |
| 31 | 209 | Roadway | VA 123 Modified intersection/displaced left turns | Modify intersections and construct displaced left turns on VA 123 between International Drive to Dulles Toll Road |

Segment 7-1: I-495 — American Legion Bridge to I-66

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 32 | 210 | Roadway | Widen auxiliary lanes along I-495 | Widen auxiliary lanes along various segments of I-495 from north of Hemming Ave Underpass to Georgetown Pike. Reconstruct the I-495 auxiliary lane from VA 7 to I-66 |
| 33 | 211 | Roadway | Reconstruct I-495 / VA-267 Interchange | Relocate I-495/VA 267 Interchange Flyover Ramp: Eastbound Dulles Airport Access Highway to northbound general purpose. Provide SB HOT to EB HOV & EB Dulles Toll Road to NB HOT movements. Widen EB Dulles Toll Road ramp to 2 NB lanes Construct I-495/VA 267 Interchange ramp from SB I-495 to WB Dulles Airport Access Highway. |
| 34 | 212 | Roadway | Widen Dulles Airport Access Road | Widen Dulles Airport Access Road from Dulles Airport to VA 123 |
| 35 | 219 | Roadway | Widen VA 123 Chain Bridge Road, VA 7 to I-495 | Widen VA 123 Chain Bridge Road from 6 to 8 lanes from VA 7 Leesburg Pike to I-495. |
| 36 | 225 | Roadway | Construct Collector-Distributor Road (EB/WB) that parallels Dulles Toll Rd | Construct Collector-Distributor Road (EB/WB) that parallels Dulles Toll Rd from Wiehle Ave to Spring Hill Road. |
| 37 | 231 | Roadway | Boone Boulevard Extension | Construct Boone Boulevard Extension (4 lanes) from VA 123 Chain Bridge Road to Ashgrove Lane. |
| 38 | 232 | Roadway | Widen Magarity Road | Widen Magarity Road from 2 to 4 lanes from VA 7 to Great Falls Street. |
| 39 | 290 | Transit | Dunn Loring to Ballston priority bus | Through enhancement of Metrobus 2A service, provide frequent service on Lee Highway and Washington Blvd from Dunn Loring Metro in Fairfax County through the City of Falls Church, East Falls Church Metro and Washington Blvd to Ballston Metro. |
| 40 | 331 | Transit | Tysons Express Bus | Implement express bus service between Tysons and Huntington Metro, and Tysons and Franconia-Springfield Metro. |
| 41 | 338 | Roadway | I-495 HOT Lanes - American Legion Bridge | Extend I-495 Capital Beltway HOT lanes over American Legion Bridge until I-270 spur in Maryland |

Segment 7-1: I-495 — American Legion Bridge to I-66

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 42 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 43 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 44 | 350 | Transit | US 29 BRT | Implement BRT service on US 29 Lee Highway in a dedicated lane where facility is six lanes. |
| 45 | 355 | Roadway | I-495 / I-395 Lane Restrictions | Implement lane restrictions for commercial trucks on I-495 and I-395 |

Segment 7-2: I-495 — I-66 to I-395

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 1 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |
| 2 | 46 | Roadway | US 50 Widening, City of Fairfax to Arlington County | Widen US 50 inside the Beltway from 4 to 6 lanes from City of Fairfax to Arlington County. The project would include intersection improvements, including signalization improvements, and pedestrian and bike facilities |
| 3 | 49 | Transit | US 29 / US 50 Priority Bus | Implement priority bus service along US 29 and US 50 between Fair Oaks and Washington DC. |
| 4 | 55 | Bike/Ped | US 29 trail | Construct a trail along US 29 from Dixie Hill Rd to EFC Metrorail Station |
| 5 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 6 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 7 | 63 | Transit | Route 50 Express Bus | Improve Route 50 - Orange Line bus connections. |
| 8 | 65 | Transit | Duke Street Transitway | Construct a four-mile segment of the high-capacity transitway on Duke Street within Alexandria. Reconstruct Duke Street from Wheeler Ave to Jordan St w/ a center left-turn lane. Construct bicycle and pedestrian improvements along corridor. The first phase would create dedicated transit lanes in existing six-lane sections of Duke Street between Landmark Mall and Jordan Street and between Roth Street and Diagonal Road. Between Jordan Street and Roth Street, transit would operate in mixed flow. |

Segment 7-2: I-495 — I-66 to I-395

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 9 | 68 | Roadway | Little River Turnpike Widening | Widen Little River Turnpike (VA 236) from 4 to 6 lanes between City of Fairfax and I-395 |
| 10 | 70 | Roadway | I-495 HOV Lanes | Implement HOV lanes on I-495 between I-395 and the Woodrow Wilson Bridge |
| 11 | 71 | Transit | Merrifield-Tysons BRT / LRT | Construct enhanced transit service (BRT/LRT) between Fairfax Hospital in Merrifield to Tysons. Includes 6 lanes (4 GP + 2 Transit) on Gallows Rd. |
| 12 | 91 | ITS/ICM | I-95/I-395 ICM Program | <p>I-95/I-395 ICM Program:</p> <ul style="list-style-type: none"> -Multimodal Traveler Information: Integration of roadway, transit, and parking information. -Dynamic Ramp Metering: Upgrade of existing ramp metering system. -Parallel Arterial Operations Improvements: Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-95 corridor (including US 1 and Telegraph Rd) -Parking Management: Expansion of pilot program to additional PNR lots. -Decision Support System: Software system to support corridor management activities across multiple facilities and modes. |
| 13 | 97 | Transit | Columbia Pike Priority Transit Network (PrTN) | Provide priority transit service from Skyline to Crystal City via Pentagon City, including limited-stop bus service, improved headways, and 24 transit stations. |
| 14 | 98 | Transit | VA 236 Bus Priority, Alexandria to Fairfax | Implement bus priority service on VA 236 between Alexandria and Fairfax. |
| 15 | 100 | Transit | Metrorail Fleet Expansion | Expand Metrorail fleet to enable operations of 100 percent eight-car trains during peak period. Expansion, upgrades, and replacements of the rail car fleet, traction power substations, power cabling, third rail, train control systems, and storage facilities. |

Segment 7-2: I-495 — I-66 to I-395

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 16 | 105 | Transit | Metrobus Priority Corridor Network Plan | PCN Improvements will include improved transit signal priority and exclusive bus lanes, increased frequency and span of service. Improved customer information, expanded fare payment options, enhanced bus stops and facilities. Metrobus service improvements on these routes: CC-PY{9A, E, S, X}; Leesburg Pike{28A, 28X, 28F, G, T}; Little River Tpke/Duke St{29K, N, 29C, E, H} |
| 17 | 108 | Transit | Metrorail Real-Time Parking Info | Deployment of real-time parking information signage at WMATA rail stations |
| 18 | 110 | Transit | South County Feeder Bus Service | Improve service levels on bus routes serving Richmond Highway, Kingstowne, and Springfield |
| 19 | 115 | Transit | VRE Fredericksburg and Manassas Line Off-peak Service | Run bi-hourly trains during midday period between peaks on both Manassas and Fredericksburg Lines |
| 20 | 199 | Transit | New Central/East County to Pentagon/DC OmniRide | Implement new transit route between Central East Prince William County, Pentagon, and downtown DC via the I-95 HOV lanes. Requires 4 additional buses. |
| 21 | 210 | Roadway | Widen auxiliary lanes along I-495 | Widen auxiliary lanes along various segments of I-495 from north of Hemming Ave Underpass to Georgetown Pike. Reconstruct the I-495 auxiliary lane from VA 7 to I-66 |
| 22 | 215 | Roadway | Widen US 29, City of Fairfax to I-495 | Widen US 29 from 4 to 6 lanes from Fairfax ECL to I-495. |
| 23 | 290 | Transit | Dunn Loring to Ballston priority bus | Through enhancement of Metrobus 2A service, provide frequent service on Lee Highway and Washington Blvd from Dunn Loring Metro in Fairfax County through the City of Falls Church, East Falls Church Metro and Washington Blvd to Ballston Metro. |
| 24 | 293 | Transit | ART Bus Parking and Heavy Maintenance Facility | Construct a bus heavy maintenance facility for Arlington Transit (ART) buses and provide additional spaces for ART bus parking. |

Segment 7-2: I-495 — I-66 to I-395

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 25 | 297 | Transit | Increase off-peak transit service on I-95 Corridor | Add bus trips to the existing service: Lake Ridge-DC, Lake Ridge-Pentagon/Crystal City; Dale City/Potomac Mills-Pentagon/Crystal City; Dale City/Potomac Mills/Rosslyn/Ballston; Montclar/Dumfries-Pentagon/DC; Montclair/Dumfries-Pentagon; Dale City/Potomac Mills-Mark Center |
| 26 | 301 | Transit | VRE Manassas Line Rail Capacity Enhancements | <p>1. Increase frequencies to 20 min in peak period. In support of this improvement:</p> <ul style="list-style-type: none"> a. Construct track capacity enhancements (additional track and capacity improvements) from Alexandria/AF to Manassas Line terminus, including existing Broad Run VRE station. b. Purchase additional rolling stock in support of 8-car trains and peak service improvements (TIP reflects purchases for 8-car trains in peak hour, additional needed beyond CLRP commitment). c. Construct/expand VRE equipment storage and maintenance facilities in Manassas and midday storage in Washington, D.C. d. Construct station/platform, parking and access improvements at VRE Manassas Line stations, including expand existing Broad Run VRE station/parking/access. e. Improve information sharing through ITS/TSM enhancements for improved communications. <p>Rail improvements in support of I-81 / US-29 Intercity Passenger Rail (DRPT/AMTRAK)</p> |

Segment 7-2: I-495 — I-66 to I-395

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 27 | 326 | Transit | Manassas Line Peak Period Service Expansion | Improve frequencies to 15-min. peak period and new reverse peak period service. In support of this improvement: a. Purchase additional rolling stock b. Construct/expand VRE equipment storage and maintenance facilities c. Rail Line capacity improvements d. Station/Parking Access improvements e. ITS/TSM improvements. |
| 28 | 331 | Transit | Tysons Express Bus | Implement express bus service between Tysons and Huntington Metro, and Tysons and Franconia-Springfield Metro. |
| 29 | 336 | Roadway | Braddock Road Intersection Improvements: Guinea Road to Ravensworth Road | Task Force voted to improve selected intersection only from Guinea Road to Ravensworth Road. Project includes access mgmt, intersection improvements, signalization, and pedestrian improvements |
| 30 | 339 | ITS/ICM | I-95 ITS/ICM Improvements | Implement intelligent transportation systems, adaptive traffic control, and hard shoulder lanes on I-95 |
| 31 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 32 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 33 | 344 | Transit | VRE Express Service - Manassas Line | Implement peak period express service on VRE Manassas Line: - One express train and three local trains per hour during AM and PM peak periods - Stops at Broad Run, Manassas Park, Burke Centre, Alexandria, Crystal City, L'Enfant, and Union Station |
| 34 | 350 | Transit | US 29 BRT | Implement BRT service on US 29 Lee Highway in a dedicated lane where facility is six lanes. |
| 35 | 354 | Roadway | I-495 Express Lanes - Springfield to Wilson Bridge | Extend I-495 Express Lanes from Springfield across Wilson Bridge into Maryland |
| 36 | 355 | Roadway | I-495 / I-395 Lane Restrictions | Implement lane restrictions for commercial trucks on I-495 and I-395 |

Segment 7-3: I-495 — I-95 to Woodrow Wilson Bridge

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 1 | 12 | Bike/Ped | Leesburg-Alexandria VA 7 Trail | Construct trail along VA 7 from Leesburg to Alexandria |
| 2 | 22 | Bike/Ped | Bike Lanes Route 7 - Alexandria to Seven Corners | Construct protected bike lanes on both sides of VA 7 between Alexandria and Seven Corner. Connect with City of Falls Church's bicycle network. |
| 3 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |
| 4 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 5 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 6 | 64 | Roadway | Van Dorn St - Franconia Rd Interchange | Construct interchange at VA 613 (Van Dorn Street) and VA 644 (Franconia Road) |
| 7 | 65 | Transit | Duke Street Transitway | Construct a four-mile segment of the high-capacity transitway on Duke Street within Alexandria. Reconstruct Duke Street from Wheeler Ave to Jordan St w/ a center left-turn lane. Construct bicycle and pedestrian improvements along corridor. The first phase would create dedicated transit lanes in existing six-lane sections of Duke Street between Landmark Mall and Jordan Street and between Roth Street and Diagonal Road. Between Jordan Street and Roth Street, transit would operate in mixed flow. |

Segment 7-3: I-495 — I-95 to Woodrow Wilson Bridge

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 8 | 66 | Transit | Wilson Bridge High Capacity Transit | Extend high capacity surface transit from Metrorail Yellow Line in Alexandria to the Green Line in Prince George's County. Related to I-495 priority bus service CLRP bus service project. Potential modes include LRT, BRT, or improved bus service on corridor between stations. |
| 9 | 70 | Roadway | I-495 HOV Lanes | Implement HOV lanes on I-495 between I-395 and the Woodrow Wilson Bridge |
| 10 | 78 | Transit | DASH Transit Service Enhancements and Expansion | DASH Transit Service Enhancements: including new cross-town services and funding for additional buses to expand service on existing and new routes, circulators and trolleys within and between activity centers and expand bus storage and maintenance facilities; also includes transit stop improvements (bus shelters, real time information signs, bus stop benches, pads for ADA); upgrade to new and/or upgraded regional fare system including new fare collection technology; Provide transit service connection between Eisenhower Metrorail Station and King Street Metrorail Station; Provide transit service connection between Van Dorn Metrorail Station and the Landmark Mall vicinity; Provide east-west transit service between Braddock Rd Metrorail Station and Old Town / King St. Metrorail Station . |
| 11 | 79 | Transit | West End Transitway | Construct a four-mile segment of the dedicated bus lanes between the Van Dorn Metro station and Arlington County. This project will also provide pedestrian and bike facilities in the corridor |

Segment 7-3: I-495 — I-95 to Woodrow Wilson Bridge

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 12 | 83 | Transit | King Street Metro-Alexandria Union Station Improvements | Implement multimodal improvements at the King Street Metro station including improved access to parking lot and bus facilities, construction of new shelters, construction of additional bus bays, and a planned transit store. Construction of a new pedestrian tunnel between Alexandria Union Station and the King Street Metrorail station to include elevators and elimination of existing at grade crossing. Pedestrian tunnel project also includes improvements to the east platform including lengthening the platform, ADA improvements, a new canopy and a stairway and elevator connection to the pedestrian tunnel. Improvements to the east platform will increase freight, commuter, and passenger rail operations within and through the City of Alexandria and allow for VRE to utilize the east platform for revenue service. Project also include other improvements at Alexandria Union Station. |
| 13 | 86 | Bike/Ped | Alexandria Bike and Ped Trails Construction and Reconstruction | Reconstruct Holmes Run Trail from North Ripley Street to I-395; Construct trails along local streets in the Beauregard Street and Van Dorn Street corridor, this facility will provide a north-south connection to the City's Holmes Run Trail, running east west, and connecting bicycle users to Mark Center corridor; Construct pedestrian and bicycle bridge over Holmes Run at Morgan St; Implement and construct projects in the City's Ped Bike Plan; Construct bicycle improvements along Royal St between Jones Point and Bashford St, include signage, traffic calming |

Segment 7-3: I-495 — I-95 to Woodrow Wilson Bridge

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 14 | 89 | Transit | US 1 BRT | Construct along US 1 BRT with stations at Beacon Hill, Hybla Valley, Fort Belvoir, Penn Daw, Pohick Rd, Woodlawn, and South County Government and with transit transfer centers at Kingman Rd and Fort Belvoir. Includes US 1 widening between VA 235 and I-495. |
| 15 | 90 | Transit | Fredericksburg Line Rail Capacity Improvements | Add a third track between AF and the VRE Crossroads Yard south of Fredericksburg. |
| 16 | 91 | ITS/ICM | I-95/I-395 ICM Program | <p>I-95/I-395 ICM Program:</p> <ul style="list-style-type: none"> -Multimodal Traveler Information: Integration of roadway, transit, and parking information. -Dynamic Ramp Metering: Upgrade of existing ramp metering system. -Parallel Arterial Operations Improvements: Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-95 corridor (including US 1 and Telegraph Rd) -Parking Management: Expansion of pilot program to additional PNR lots. -Decision Support System: Software system to support corridor management activities across multiple facilities and modes. |
| 17 | 98 | Transit | VA 236 Bus Priority, Alexandria to Fairfax | Implement bus priority service on VA 236 between Alexandria and Fairfax. |
| 18 | 100 | Transit | Metrorail Fleet Expansion | Expand Metrorail fleet to enable operations of 100 percent eight-car trains during peak period. Expansion, upgrades, and replacements of the rail car fleet, traction power substations, power cabling, third rail, train control systems, and storage facilities. |

Segment 7-3: I-495 — I-95 to Woodrow Wilson Bridge

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 19 | 103 | ITS/ICM | Arlington ITS Projects | Implement intelligent transportation systems and adaptive traffic control system on regional corridors within Arlington County, including: - Enhancement of Traffic System and Technology to a Smart Traffic Signal system; - Installation of Intelligent Transportation System (ITS) and corresponding Adaptive Traffic Control System program on US 29 Lee Highway to better manage traffic flow. Includes additional Bluetooth devices, count stations, CCTV cameras, and FLIR detectors and upgraded signals for better-timed connection with I-66; - Reconstruction of traffic signals to meet current standards, including upgrade from span wire to mast arm |
| 20 | 105 | Transit | Metrobus Priority Corridor Network Plan | PCN Improvements will include improved transit signal priority and exclusive bus lanes, increased frequency and span of service. Improved customer information, expanded fare payment options, enhanced bus stops and facilities. Metrobus service improvements on these routes: CC-PY{9A, E, S, X}; Leesburg Pike{28A, 28X, 28F, G, T}; Little River Tpke/Duke St{29K, N, 29C, E, H} |
| 21 | 108 | Transit | Metrorail Real-Time Parking Info | Deployment of real-time parking information signage at WMATA rail stations |
| 22 | 110 | Transit | South County Feeder Bus Service | Improve service levels on bus routes serving Richmond Highway, Kingstowne, and Springfield |
| 23 | 113 | ITS/ICM | Alexandria ITS Projects | Funding for transportation technologies to improve system efficiencies in the City of Alexandria, Real-Time Adaptive Control and Data Management System - Build out and improve Traffic Signal System with fiber-optics; transit signal priority |

Segment 7-3: I-495 — I-95 to Woodrow Wilson Bridge

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 24 | 115 | Transit | VRE Fredericksburg and Manassas Line Off-peak Service | Run bi-hourly trains during midday period between peaks on both Manassas and Fredericksburg Lines |
| 25 | 116 | Transit | Implement integrated regional rail service / VRE-MARC run-through service | Implement run-through service by integrating intercity rail service with MARC and AMTRAK |
| 26 | 127 | Transit | Blue and Yellow Line Bus Facility Improvements | Expand and improve bus bays, passenger facilities, and bus circulation and access paths at all Yellow and Blue Line stations and transit centers in the I-395/ US-1 corridor |
| 27 | 193 | Transit | Alexandria Bus Network ITS | Install Automatic Vehicle Location (AVL) technology on DASH bus to provide real-time arrival info, computer-aided dispatch, automated passenger counters (APC) and automated garage mapping system. |
| 28 | 194 | Transit | Landmark Transit Station Improvements | Construct a transit center on the Landmark Mall site, construct transit commuter hub or kiosk at the future West End Transit Center |
| 29 | 195 | Roadway | Arlandria/Del Ray/ Lynhaven/Potomac Yard Roadway, Bike/Ped, Improvements | Traffic improvements for the intersection of Mt Vernon Ave and E/W Glebe Rd, including signalization, accommodation for pedestrians and turn lane channelization. Construct improvements at Mt Vernon/Four Mile Rd intersection, including ped/bike improvements; Construct bike/ped bridge over four mile run between Commonwealth Ave and Eads St; Mt Vernon Ave/Russell Rd intersection safety improvements to accommodate pedestrian and bicyclists, may entail intersection and parking configuration redesign. Construct a pedestrian/bicycle link from the Potomac Yard Trail to connect to the Four Mile Run trail on the south side of Four Mile Run, and to the Mt. Vernon Trail; Oakville Triangle improvement projects |

Segment 7-3: I-495 — I-95 to Woodrow Wilson Bridge

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 30 | 196 | Roadway | West End Alexandria Roadway Improvements | Construct a multimodal bridge from Van Dorn Metro station to Pickett Street; Extend Library Ln North to Connect with Van Dorn St; ellipse at Beauregard and Seminary; Replace shared left/thru turn lanes along NB and SB Van Dorn St with separate left turn lanes; add protected, permissive left turn lane along NB and SB Van Dorn; Widen Van Dorn St Bridge over Duke St to accommodate pedestrians; Replace shared left/thru turn lanes along NB and SB Van Dorn St with separate left turn lanes; Construct new roadway along Fairfax County Line to connect Edsall Rd, S Pickett St, Farrington Ave; Intersection improvements along Van Dorn Street at Eisenhower, Edsall, Pickett; Straightening Eisenhower; New High Street Addition and Bridge as part of Alexandria's Landmark Van Dorn Area Plan |
| 31 | 199 | Transit | New Central/East County to Pentagon/DC OmniRide | Implement new transit route between Central East Prince William County, Pentagon, and downtown DC via the I-95 HOV lanes. Requires 4 additional buses. |
| 32 | 202 | Transit | Metro Station Improvements within the City of Alexandria | Redesign kiss-and-ride and reconfigure bus loading area to accommodate West End Transitway at the Van Dorn Metrorail Station and existing and future developments within the Eisenhower West Small Area Plan. Improvements to the Eisenhower Ave Metrorail Station to accommodate East Eisenhower development, including renovation of existing bus loop, new pedestrian plaza, new bus shelter canopies, and real-time bus arrival info displays. |
| 33 | 227 | Roadway | Widen Eisenhower Avenue | Widen Eisenhower Avenue from 4 to 6 lanes from Mill Road to Holland Lane. |
| 34 | 229 | Roadway | Widen Telegraph Road | Widen Telegraph Road from two lanes to three and four lanes (total) at various segments between Beulah Street and Franconia Road. |

Segment 7-3: I-495 — I-95 to Woodrow Wilson Bridge

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 35 | 236 | Roadway | Reconstruct I-95 interchange at VA 613 Van Dorn Street | Reconstruct I-95 interchange at VA 613 Van Dorn Street. |
| 36 | 293 | Transit | ART Bus Parking and Heavy Maintenance Facility | Construct a bus heavy maintenance facility for Arlington Transit (ART) buses and provide additional spaces for ART bus parking. |
| 37 | 297 | Transit | Increase off-peak transit service on I-95 Corridor | Add bus trips to the existing service: Lake Ridge-DC, Lake Ridge-Pentagon/Crystal City; Dale City/Potomac Mills-Pentagon/Crystal City; Dale City/Potomac-Mills/Rosslyn/Ballston; Montclar/Dumfries-Pentagon/DC; Montclair/Dumfries-Pentagon; Dale City/Potomac Mills-Mark Center |
| 38 | 299 | Transit | VRE Alexandria-DC Rail Capacity Improvements | Construct fourth track LE to VA Construct fourth track RO to AF Alexandria track 1 access/ Slater's Lane crossover Construct Washington Union Station station/access improvements Construct VRE L'Enfant station/access improvements Construct VRE Crystal City station/access improvements |
| 39 | 300 | Transit | VRE Alexandria Station Improvements | Improve multimodal connectivity and accessibility at the Alexandria Union Station - King Street Metro station through construction of a pedestrian tunnel between the two stations; platform expansion and access improvements at VRE station |

Segment 7-3: I-495 — I-95 to Woodrow Wilson Bridge

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 40 | 301 | Transit | VRE Manassas Line Rail Capacity Enhancements | <p>1. Increase frequencies to 20 min in peak period. In support of this improvement:</p> <ul style="list-style-type: none"> a. Construct track capacity enhancements (additional track and capacity improvements) from Alexandria/AF to Manassas Line terminus, including existing Broad Run VRE station. b. Purchase additional rolling stock in support of 8-car trains and peak service improvements (TIP reflects purchases for 8-car trains in peak hour, additional needed beyond CLRP commitment). c. Construct/expand VRE equipment storage and maintenance facilities in Manassas and midday storage in Washington, D.C. d. Construct station/platform, parking and access improvements at VRE Manassas Line stations, including expand existing Broad Run VRE station/parking/access. e. Improve information sharing through ITS/TSM enhancements for improved communications. <p>Rail improvements in support of I-81 / US-29 Intercity Passenger Rail (DRPT/AMTRAK)</p> |

Segment 7-3: I-495 — I-95 to Woodrow Wilson Bridge

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 41 | 324 | Transit | Fredericksburg Line Service Expansion | Implement VRE service improvements on the Fredericksburg line to reduce headways to 20 min in peak period. In support of this improvement: a. Purchase additional rolling stock in support of 8-car trains and peak service improvements (TIP reflects purchases for 8-car trains in peak hour, additional needed beyond CLRP commitment). b. Construct/expand VRE equipment storage and maintenance facilities in Fredericksburg and midday storage in Washington, D.C. c. Construct station/platform, parking and access improvements at VRE Fredericksburg Line stations d. Improve information sharing through ITS/TSM enhancements for improved communications. |
| 42 | 325 | Transit | Fredericksburg Line Peak Period Service Expansion | Improve frequencies to 15-min. peak period and new reverse peak period service. In support of this improvement: a. Purchase additional rolling stock b. Construct/expand VRE equipment storage and maintenance facilities c. Rail Line capacity improvements d. Station/Parking Access improvements e. ITS/TSM improvements. |
| 43 | 326 | Transit | Manassas Line Peak Period Service Expansion | Improve frequencies to 15-min. peak period and new reverse peak period service. In support of this improvement: a. Purchase additional rolling stock b. Construct/expand VRE equipment storage and maintenance facilities c. Rail Line capacity improvements d. Station/Parking Access improvements e. ITS/TSM improvements. |
| 44 | 330 | Transit | Fairfax County Express Bus, Reston / Franconia-Springfield | Implement express bus service along VA 286 Fairfax County Parkway between Reston Metro and Franconia-Springfield Metro |
| 45 | 331 | Transit | Tysons Express Bus | Implement express bus service between Tysons and Huntington Metro, and Tysons and Franconia-Springfield Metro. |

Segment 7-3: I-495 — I-95 to Woodrow Wilson Bridge

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 46 | 339 | ITS/ICM | I-95 ITS/ICM Improvements | Implement intelligent transportation systems, adaptive traffic control, and hard shoulder lanes on I-95 |
| 47 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 48 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 49 | 343 | Transit | VRE Express Service - Fredericksburg Line | Implement peak period express service on VRE Fredericksburg Line: - One express train and three local trains per hour during AM and PM peak periods - Stops at Spotsylvania, Leeland Rd, Woodbridge, Alexandria, Crystal City, L'Enfant, and Union Station |
| 50 | 344 | Transit | VRE Express Service - Manassas Line | Implement peak period express service on VRE Manassas Line: - One express train and three local trains per hour during AM and PM peak periods - Stops at Broad Run, Manassas Park, Burke Centre, Alexandria, Crystal City, L'Enfant, and Union Station |
| 51 | 353 | Transit | Van Dorn Intermodal Facility | Construct Intermodal facility in the vicinity of Van Dorn Metro station to facilitate transfers between Metrorail, West End Transitway, and local transit service. |
| 52 | 354 | Roadway | I-495 Express Lanes - Springfield to Wilson Bridge | Extend I-495 Express Lanes from Springfield across Wilson Bridge into Maryland |
| 53 | 355 | Roadway | I-495 / I-395 Lane Restrictions | Implement lane restrictions for commercial trucks on I-495 and I-395 |
| 54 | 356 | Transit | MARC / VRE Crossover Service | Implement MARC Crossover service to Alexandria and points south and west and VRE Crossover service to destinations including New Carrollton, College Park, and points north via Union Station during AM and PM peak hours |

Segment 8-1: I-95/US 1/VRE Fredericksburg — Stafford County Line to Fairfax County Line

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 1 | 35 | Roadway | Prince William Parkway Widening at I-95 | Widen Prince William Parkway to six lanes between the I-95 on / off ramps |
| 2 | 72 | Roadway | US 1 Widening, Joplin Rd to Russell Rd | Widen US 1 from four six lanes from Joplin Rd to Russell Rd |
| 3 | 81 | Transit | High Capacity Transit Extension to Potomac Mills | Extend high capacity surface transit from Springfield to Potomac Mills. Potential modes include LRT, BRT, or improved bus service on corridor between stations**. Potomac Mills to serve as a park-ride lot. |
| 4 | 87 | Roadway | East Potomac River Crossing | Construct Eastern Potomac Crossing from I-95 to US 301 in Maryland |
| 5 | 88 | Roadway | Widen/Relocate US 1 in Town of Dumfries | Widen US 1 (Fralely Blvd) to six lanes between Brady's Hill Rd and Dumfries Rd (VA 234). Phase I includes widening to 4 lanes along current northbound alignment. |
| 6 | 89 | Transit | US 1 BRT | Construct along US 1 BRT with stations at Beacon Hill, Hybla Valley, Fort Belvoir, Penn Daw, Pohick Rd, Woodlawn, and South County Government and with transit transfer centers at Kingman Rd and Fort Belvoir. Includes US 1 widening between VA 235 and I-495. |
| 7 | 90 | Transit | Fredericksburg Line Rail Capacity Improvements | Add a third track between AF and the VRE Crossroads Yard south of Fredericksburg. |

Segment 8-1: I-95/US 1/VRE Fredericksburg — Stafford County Line to Fairfax County Line

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 8 | 91 | ITS/ICM | I-95/I-395 ICM Program | <p>I-95/I-395 ICM Program:</p> <ul style="list-style-type: none"> -Multimodal Traveler Information: Integration of roadway, transit, and parking information. -Dynamic Ramp Metering: Upgrade of existing ramp metering system. -Parallel Arterial Operations Improvements: Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-95 corridor (including US 1 and Telegraph Rd) -Parking Management: Expansion of pilot program to additional PNR lots. -Decision Support System: Software system to support corridor management activities across multiple facilities and modes. |
| 9 | 115 | Transit | VRE Fredericksburg and Manassas Line Off-peak Service | Run bi-hourly trains during midday period between peaks on both Manassas and Fredericksburg Lines |
| 10 | 199 | Transit | New Central/East County to Pentagon/DC OmniRide | Implement new transit route between Central East Prince William County, Pentagon, and downtown DC via the I-95 HOV lanes. Requires 4 additional buses. |
| 11 | 217 | Roadway | Widen VA 123, Annapolis Way to US 1 | Widen VA 123 from 4 to 6 lanes from US 1 to Annapolis Way. Construct interchange at US 1 and VA 123 Gordon Blvd. Construct extension of Belmont Bay Drive from US 1 to Heron's View Way |
| 12 | 237 | Roadway | Widen eastbound VA 619 Joplin Road | Widen eastbound VA 619 Joplin Road from 2 to 4 lanes from the I-95 ramp to US 1. |
| 13 | 241 | Roadway | Widen Dale Blvd, US 1 to Benita Fitzgerald Dr | Widen Dale Blvd to six lanes from US 1 to Benita Fitzgerald Dr |
| 14 | 243 | Roadway | Widen Dumfries Rd from Brentsville Road to Country Club Dr | Widen Dumfries Rd to six lanes from Brentsville Rd to Country Club Dr. |
| 15 | 244 | Roadway | Widen Gordon Blvd, Fairfax CL to Express Dr/Belmont Bay Dr | Widen Gordon Blvd to six lanes from Fairfax County Line to Express Dr/Belmont Bay Dr |

Segment 8-1: I-95/US 1/VRE Fredericksburg — Stafford County Line to Fairfax County Line

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 16 | 246 | Roadway | Extend Potomac Shores Parkway | Construct six lane road between US 1 and River Heritage Blvd Extend Potomac Shores Parkway as a four lane facility from Dunnington Place to Cherry Hill Road |
| 17 | 251 | Roadway | US 1 Jefferson Davis Highway Widening, Dumfries Rd to Cardinal Dr | Widen US 1 Jefferson Davis Highway to six lanes between VA-234 Dumfries Rd and Cardinal Dr / Neabsco Rd |
| 18 | 256 | Roadway | Widen Neabsco Rd, US 1 to Daniel Ludwig Dr | Widen Neabsco Rd to four lanes between US 1 and Daniel Ludwig Dr |
| 19 | 257 | Roadway | Widen Neabsco Mills Rd, Smoke Court to US 1 | Widen Neabsco Mills Rd to four lanes between Smoke Court and US 1 |
| 20 | 259 | Roadway | Widen Old Bridge Rd, Colby Dr to Minnieville Rd | Widen Old Bridge Rd to six lanes, Colby Dr to Minnieville Rd |
| 21 | 262 | Roadway | Widen Opitz Blvd, Gideon Dr to US 1 | Widen Opitz Blvd to six lanes, Gideon Dr to US 1 |
| 22 | 265 | Roadway | Construct River Heritage Blvd, Potomac Shores to Patriot Circle | Construct four lane River Heritage Blvd, Potomac Shores to Patriot Circle |
| 23 | 270 | Roadway | Summit School Road Extension and Widening | Extend Summit School Road from Minnieville Road to Telegraph Road as a six lane road. |
| 24 | 271 | Roadway | Construct/widen Telegraph Rd, Minnieville Rd to VA-294 | Widen Telegraph Rd to four lanes between Minnieville Rd and Summit School Rd Widen Telegraph Rd to six lanes between Summit School Rd and Caton Hill Rd Widen Telegraph Rd to four lanes between Caton Hill Rd and VA-294 |
| 25 | 274 | Roadway | Construct VanBuren North Rd, Cardinal Dr to Dumfries Rd | Construct four lane VanBuren North Rd, Cardinal Dr to Dumfries Rd |
| 26 | 275 | Roadway | Construct Van Buren South Rd, Dumfries Rd to Mine Rd | Construct four lane Van Buren South Rd, Dumfries Rd to Mine Rd |
| 27 | 281 | Roadway | Prince William Pkwy / Smoketown Rd Interchange | Construct interchange at Prince William Parkway and Smoketown Rd |
| 28 | 282 | Roadway | Annapolis Way Connector | Construct four lane facility to connect Annapolis Way East with Annapolis Way West |
| 29 | 283 | Roadway | Widen US 1, Occuquan River Bridge to VA 235 North | Widen US 1 to six lanes, Occuquan River Bridge/ Fairfax County Line to Telegraph Rd |
| 30 | 287 | Roadway | Rt. 1 (Jefferson Davis Hwy.)/Dale Blvd Interchange | Construct an interchange at Rt. 1 and Dale Blvd. |

Segment 8-1: I-95/US 1/VRE Fredericksburg — Stafford County Line to Fairfax County Line

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 31 | 288 | Roadway | Rt. 1 (Jefferson Davis Hwy.)/Joplin Road/Fuller Road | Construct a grade separated roundabout at Rt. 1, Joplin Road and Fuller Road |
| 32 | 297 | Transit | Increase off-peak transit service on I-95 Corridor | Add bus trips to the existing service: Lake Ridge-DC, Lake Ridge-Pentagon/Crystal City; Dale City/Potomac Mills-Pentagon/Crystal City; Dale City/Potomac Mills/Rosslyn/Ballston; Montclar/Dumfries-Pentagon/DC; Montclair/Dumfries-Pentagon; Dale City/Potomac Mills-Mark Center |
| 33 | 298 | Transit | Implement new OmniLink service | Implement new OmniLink routes: Innovation-to-Gainesville/Haymarket; Innovation-to-Manassas; Montclair local |
| 34 | 316 | Transit | I-95 Corridor Park & Ride Prince William | Expand park & ride capacity at **Brittany Park, **Hillendale, **Montclair, **Old Bridge/Minnieville Rd, *Old Bridge Festival, ***Old Bridge/US route 1, *Potomac Mills, *Prince William Square, ***PRTC Transit Center, ***VA 234/ US 1, *Tacketts Mill Shopping Center, Construct a new park & ride lot at Cherry Hill and and a new park & ride garage at Potomac Center. |
| 35 | 321 | Roadway | Rt. 1 (Jefferson Davis Hwy.)/Rt. 234 (Dumfries Rd.)/Potomac Shores Pkwy. | Construct a "quadrant at-grade" interchange at Rt. 1, Rt. 234 and Potomac Shores Parkway |

Segment 8-1: I-95/US 1/VRE Fredericksburg — Stafford County Line to Fairfax County Line

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 36 | 324 | Transit | Fredericksburg Line Service Expansion | Implement VRE service improvements on the Fredericksburg line to reduce headways to 20 min in peak period. In support of this improvement: a. Purchase additional rolling stock in support of 8-car trains and peak service improvements (TIP reflects purchases for 8-car trains in peak hour, additional needed beyond CLRP commitment). b. Construct/expand VRE equipment storage and maintenance facilities in Fredericksburg and midday storage in Washington, D.C. c. Construct station/platform, parking and access improvements at VRE Fredericksburg Line stations d. Improve information sharing through ITS/TSM enhancements for improved communications. |
| 37 | 325 | Transit | Fredericksburg Line Peak Period Service Expansion | Improve frequencies to 15-min. peak period and new reverse peak period service. In support of this improvement: a. Purchase additional rolling stock b. Construct/expand VRE equipment storage and maintenance facilities c. Rail Line capacity improvements d. Station/Parking Access improvements e. ITS/TSM improvements. |
| 38 | 327 | Roadway | I-95 General Purpose Lanes Widening from Occoquan River Bridge to Route 234 (exit 152) | Widen SB I-95 to four lanes between the Occoquan River Bridge and VA 234 Dumfries Rd (exit 152). |
| 39 | 339 | ITS/ICM | I-95 ITS/ICM Improvements | Implement intelligent transportation systems, adaptive traffic control, and hard shoulder lanes on I-95 |
| 40 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 41 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 42 | 342 | Roadway | Joplin Rd Improvements | Implement speed limit adjustments on VA 619 Joplin Road. |

Segment 8-1: I-95/US 1/VRE Fredericksburg — Stafford County Line to Fairfax County Line

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 43 | 343 | Transit | VRE Express Service - Fredericksburg Line | Implement peak period express service on VRE Fredericksburg Line: - One express train and three local trains per hour during AM and PM peak periods - Stops at Spotsylvania, Leeland Rd, Woodbridge, Alexandria, Crystal City, L'Enfant, and Union Station |

Segment 8-2: I-95/US 1/VRE Fredericksburg — Prince William County Line to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 1 | 39 | Roadway | Fairfax County Pkwy/ US 1 Interchange | Construct interchange at Fairfax County Pkwy and US 1 |
| 2 | 42 | Transit | Fairfax County Pkwy Priority Bus Service | Implement priority bus service on Fairfax County Parkway between Herndon/Monroe Metrorail station and Ft. Belvoir |
| 3 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |
| 4 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 5 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 6 | 64 | Roadway | Van Dorn St - Franconia Rd Interchange | Construct interchange at VA 613 (Van Dorn Street) and VA 644 (Franconia Road) |
| 7 | 65 | Transit | Duke Street Transitway | Construct a four-mile segment of the high-capacity transitway on Duke Street within Alexandria. Reconstruct Duke Street from Wheeler Ave to Jordan St w/ a center left-turn lane. Construct bicycle and pedestrian improvements along corridor. The first phase would create dedicated transit lanes in existing six-lane sections of Duke Street between Landmark Mall and Jordan Street and between Roth Street and Diagonal Road. Between Jordan Street and Roth Street, transit would operate in mixed flow. |

Segment 8-2: I-95/US 1/VRE Fredericksburg — Prince William County Line to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 8 | 66 | Transit | Wilson Bridge High Capacity Transit | Extend high capacity surface transit from Metrorail Yellow Line in Alexandria to the Green Line in Prince George's County. Related to I-495 priority bus service CLRP bus service project. Potential modes include LRT, BRT, or improved bus service on corridor between stations. |
| 9 | 70 | Roadway | I-495 HOV Lanes | Implement HOV lanes on I-495 between I-395 and the Woodrow Wilson Bridge |
| 10 | 73 | Roadway | I-95 Improvements at Franconia-Springfield Pkwy | Build an entrance to the I-95 general purpose lanes at Franconia-Springfield Parkway |
| 11 | 74 | Roadway | I-95 / Fairfax County Pkwy Flyover Ramp | Construct a flyover ramp from northbound I-95 to northbound Fairfax County Parkway and make other interchange improvements |
| 12 | 75 | Roadway | US 1 Interchange at Telegraph Road | Construct interchange at US 1 and VA 611 (Telegraph Road) |
| 13 | 77 | Roadway | Frontier Drive Extension & Intersection Improvements | Construct Frontier Drive extension from Franconia-Springfield Parkway to Loisdale Road, included access to Franconia-Springfield Metrorail Station and braided ramps to and from the Parkway. |

Segment 8-2: I-95/US 1/VRE Fredericksburg — Prince William County Line to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 14 | 78 | Transit | DASH Transit Service Enhancements and Expansion | DASH Transit Service Enhancements: including new cross-town services and funding for additional buses to expand service on existing and new routes, circulators and trolleys within and between activity centers and expand bus storage and maintenance facilities; also includes transit stop improvements (bus shelters, real time information signs, bus stop benches, pads for ADA); upgrade to new and/or upgraded regional fare system including new fare collection technology; Provide transit service connection between Eisenhower Metrorail Station and King Street Metrorail Station; Provide transit service connection between Van Dorn Metrorail Station and the Landmark Mall vicinity; Provide east-west transit service between Braddock Rd Metrorail Station and Old Town / King St. Metrorail Station . |
| 15 | 79 | Transit | West End Transitway | Construct a four-mile segment of the dedicated bus lanes between the Van Dorn Metro station and Arlington County. This project will also provide pedestrian and bike facilities in the corridor |
| 16 | 81 | Transit | High Capacity Transit Extension to Potomac Mills | Extend high capacity surface transit from Springfield to Potomac Mills. Potential modes include LRT, BRT, or improved bus service on corridor between stations**. Potomac Mills to serve as a park-ride lot. |

Segment 8-2: I-95/US 1/VRE Fredericksburg — Prince William County Line to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 17 | 86 | Bike/Ped | Alexandria Bike and Ped Trails Construction and Reconstruction | Reconstruct Holmes Run Trail from North Ripley Street to I-395; Construct trails along local streets in the Beauregard Street and Van Dorn Street corridor, this facility will provide a north-south connection to the City's Holmes Run Trail, running east west, and connecting bicycle users to Mark Center corridor; Construct pedestrian and bicycle bridge over Holmes Run at Morgan St; Implement and construct projects in the City's Ped Bike Plan; Construct bicycle improvements along Royal St between Jones Point and Bashford St, include signage, traffic calming |
| 18 | 89 | Transit | US 1 BRT | Construct along US 1 BRT with stations at Beacon Hill, Hybla Valley, Fort Belvoir, Penn Daw, Pohick Rd, Woodlawn, and South County Government and with transit transfer centers at Kingman Rd and Fort Belvoir. Includes US 1 widening between VA 235 and I-495. |
| 19 | 90 | Transit | Fredericksburg Line Rail Capacity Improvements | Add a third track between AF and the VRE Crossroads Yard south of Fredericksburg. |

Segment 8-2: I-95/US 1/VRE Fredericksburg — Prince William County Line to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 20 | 91 | ITS/ICM | I-95/I-395 ICM Program | <p>I-95/I-395 ICM Program:</p> <ul style="list-style-type: none"> -Multimodal Traveler Information: Integration of roadway, transit, and parking information. -Dynamic Ramp Metering: Upgrade of existing ramp metering system. -Parallel Arterial Operations Improvements: Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-95 corridor (including US 1 and Telegraph Rd) -Parking Management: Expansion of pilot program to additional PNR lots. -Decision Support System: Software system to support corridor management activities across multiple facilities and modes. |
| 21 | 98 | Transit | VA 236 Bus Priority, Alexandria to Fairfax | Implement bus priority service on VA 236 between Alexandria and Fairfax. |
| 22 | 100 | Transit | Metrorail Fleet Expansion | Expand Metrorail fleet to enable operations of 100 percent eight-car trains during peak period. Expansion, upgrades, and replacements of the rail car fleet, traction power substations, power cabling, third rail, train control systems, and storage facilities. |

Segment 8-2: I-95/US 1/VRE Fredericksburg — Prince William County Line to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 23 | 103 | ITS/ICM | Arlington ITS Projects | Implement intelligent transportation systems and adaptive traffic control system on regional corridors within Arlington County, including: - Enhancement of Traffic System and Technology to a Smart Traffic Signal system; - Installation of Intelligent Transportation System (ITS) and corresponding Adaptive Traffic Control System program on US 29 Lee Highway to better manage traffic flow. Includes additional Bluetooth devices, count stations, CCTV cameras, and FLIR detectors and upgraded signals for better-timed connection with I-66; - Reconstruction of traffic signals to meet current standards, including upgrade from span wire to mast arm |
| 24 | 105 | Transit | Metrobus Priority Corridor Network Plan | PCN Improvements will include improved transit signal priority and exclusive bus lanes, increased frequency and span of service. Improved customer information, expanded fare payment options, enhanced bus stops and facilities. Metrobus service improvements on these routes: CC-PY{9A, E, S, X}; Leesburg Pike{28A, 28X, 28F, G, T}; Little River Tpke/Duke St{29K, N, 29C, E, H} |
| 25 | 108 | Transit | Metrorail Real-Time Parking Info | Deployment of real-time parking information signage at WMATA rail stations |
| 26 | 110 | Transit | South County Feeder Bus Service | Improve service levels on bus routes serving Richmond Highway, Kingstowne, and Springfield |
| 27 | 113 | ITS/ICM | Alexandria ITS Projects | Funding for transportation technologies to improve system efficiencies in the City of Alexandria, Real-Time Adaptive Control and Data Management System - Build out and improve Traffic Signal System with fiber-optics; transit signal priority |

Segment 8-2: I-95/US 1/VRE Fredericksburg — Prince William County Line to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 28 | 115 | Transit | VRE Fredericksburg and Manassas Line Off-peak Service | Run bi-hourly trains during midday period between peaks on both Manassas and Fredericksburg Lines |
| 29 | 124 | Transit | New Bus Garage in Northern Virginia | Construct a new bus garage in Northern Virginia. Location and size to be determined by service improvements in Northern Virginia transit network. |
| 30 | 127 | Transit | Blue and Yellow Line Bus Facility Improvements | Expand and improve bus bays, passenger facilities, and bus circulation and access paths at all Yellow and Blue Line stations and transit centers in the I-395/ US-1 corridor |
| 31 | 193 | Transit | Alexandria Bus Network ITS | Install Automatic Vehicle Location (AVL) technology on DASH bus to provide real-time arrival info, computer-aided dispatch, automated passenger counters (APC) and automated garage mapping system. |
| 32 | 199 | Transit | New Central/East County to Pentagon/DC OmniRide | Implement new transit route between Central East Prince William County, Pentagon, and downtown DC via the I-95 HOV lanes. Requires 4 additional buses. |
| 33 | 213 | Roadway | Widen US 1 at Mt. Vernon | Widen US 1 from 4 to 6 lanes from VA 235 North to VA 235 South |
| 34 | 223 | Roadway | Construct VA 289 Franconia-Springfield Parkway HOV interchange | Construct VA 289 Franconia-Springfield Parkway HOV interchange at Neuman Street. |
| 35 | 224 | Roadway | Upgrade VA 289 Franconia-Springfield Parkway to include HOV lanes | Upgrade VA 289 Franconia-Springfield Parkway to include HOV lanes from Rolling Road to Backlick Road. |
| 36 | 227 | Roadway | Widen Eisenhower Avenue | Widen Eisenhower Avenue from 4 to 6 lanes from Mill Road to Holland Lane. |
| 37 | 229 | Roadway | Widen Telegraph Road | Widen Telegraph Road from two lanes to three and four lanes (total) at various segments between Beulah Street and Franconia Road. |
| 38 | 283 | Roadway | Widen US 1, Occuquan River Bridge to VA 235 North | Widen US 1 to six lanes, Occuquan River Bridge/ Fairfax County Line to Telegraph Rd |
| 39 | 293 | Transit | ART Bus Parking and Heavy Maintenance Facility | Construct a bus heavy maintenance facility for Arlington Transit (ART) buses and provide additional spaces for ART bus parking. |

Segment 8-2: I-95/US 1/VRE Fredericksburg — Prince William County Line to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 40 | 297 | Transit | Increase off-peak transit service on I-95 Corridor | Add bus trips to the existing service: Lake Ridge-DC, Lake Ridge-Pentagon/Crystal City; Dale City/Potomac Mills-Pentagon/Crystal City; Dale City/Potomac Mills/Rosslyn/Ballston; Montclar/Dumfries-Pentagon/DC; Montclair/Dumfries-Pentagon; Dale City/Potomac Mills-Mark Center |
| 41 | 301 | Transit | VRE Manassas Line Rail Capacity Enhancements | <p>1. Increase frequencies to 20 min in peak period. In support of this improvement:</p> <ul style="list-style-type: none"> a. Construct track capacity enhancements (additional track and capacity improvements) from Alexandria/AF to Manassas Line terminus, including existing Broad Run VRE station. b. Purchase additional rolling stock in support of 8-car trains and peak service improvements (TIP reflects purchases for 8-car trains in peak hour, additional needed beyond CLRP commitment). c. Construct/expand VRE equipment storage and maintenance facilities in Manassas and midday storage in Washington, D.C. d. Construct station/platform, parking and access improvements at VRE Manassas Line stations, including expand existing Broad Run VRE station/parking/access. e. Improve information sharing through ITS/TSM enhancements for improved communications. <p>Rail improvements in support of I-81 / US-29 Intercity Passenger Rail (DRPT/AMTRAK)</p> |

Segment 8-2: I-95/US 1/VRE Fredericksburg — Prince William County Line to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 42 | 324 | Transit | Fredericksburg Line Service Expansion | Implement VRE service improvements on the Fredericksburg line to reduce headways to 20 min in peak period. In support of this improvement: a. Purchase additional rolling stock in support of 8-car trains and peak service improvements (TIP reflects purchases for 8-car trains in peak hour, additional needed beyond CLRP commitment). b. Construct/expand VRE equipment storage and maintenance facilities in Fredericksburg and midday storage in Washington, D.C. c. Construct station/platform, parking and access improvements at VRE Fredericksburg Line stations d. Improve information sharing through ITS/TSM enhancements for improved communications. |
| 43 | 325 | Transit | Fredericksburg Line Peak Period Service Expansion | Improve frequencies to 15-min. peak period and new reverse peak period service. In support of this improvement: a. Purchase additional rolling stock b. Construct/expand VRE equipment storage and maintenance facilities c. Rail Line capacity improvements d. Station/Parking Access improvements e. ITS/TSM improvements. |
| 44 | 326 | Transit | Manassas Line Peak Period Service Expansion | Improve frequencies to 15-min. peak period and new reverse peak period service. In support of this improvement: a. Purchase additional rolling stock b. Construct/expand VRE equipment storage and maintenance facilities c. Rail Line capacity improvements d. Station/Parking Access improvements e. ITS/TSM improvements. |
| 45 | 330 | Transit | Fairfax County Express Bus, Reston / Franconia-Springfield | Implement express bus service along VA 286 Fairfax County Parkway between Reston Metro and Franconia-Springfield Metro |
| 46 | 331 | Transit | Tysons Express Bus | Implement express bus service between Tysons and Huntington Metro, and Tysons and Franconia-Springfield Metro. |

Segment 8-2: I-95/US 1/VRE Fredericksburg — Prince William County Line to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 47 | 339 | ITS/ICM | I-95 ITS/ICM Improvements | Implement intelligent transportation systems, adaptive traffic control, and hard shoulder lanes on I-95 |
| 48 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 49 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 50 | 343 | Transit | VRE Express Service - Fredericksburg Line | Implement peak period express service on VRE Fredericksburg Line: - One express train and three local trains per hour during AM and PM peak periods - Stops at Spotsylvania, Leeland Rd, Woodbridge, Alexandria, Crystal City, L'Enfant, and Union Station |
| 51 | 344 | Transit | VRE Express Service - Manassas Line | Implement peak period express service on VRE Manassas Line: - One express train and three local trains per hour during AM and PM peak periods - Stops at Broad Run, Manassas Park, Burke Centre, Alexandria, Crystal City, L'Enfant, and Union Station |
| 52 | 354 | Roadway | I-495 Express Lanes - Springfield to Wilson Bridge | Extend I-495 Express Lanes from Springfield across Wilson Bridge into Maryland |
| 53 | 355 | Roadway | I-495 / I-395 Lane Restrictions | Implement lane restrictions for commercial trucks on I-495 and I-395 |

Segment 8-3: I-395/US 1/VRE Fredericksburg/Blue Yellow Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 1 | 1 | Transit | VA 7 Transit: Tysons - Mark Center | Construct Bus Rapid Transit line along VA 7 between Tysons and Mark Center with a connection to East Falls Church Metrorail Station |
| 2 | 7 | Roadway | King/Quaker/Braddock Intersection Improvements | Construct intersection improvements at King St, Quaker Lane, and Braddock Road - Includes replacing the span wire traffic signals with mast arm signals which will allow for the placement of much needed directional signs, precise placement of signal heads and the installation of vehicle detection. These improvements will mitigate driver confusion and allow for a more efficient conveyance of vehicles and pedestrians through the intersection. Also included in this project are modifications to the slip ramp between King Street and the service road as well as modifying the entrance to the service road at North Quaker Lane. |
| 3 | 12 | Bike/Ped | Leesburg-Alexandria VA 7 Trail | Construct trail along VA 7 from Leesburg to Alexandria |
| 4 | 22 | Bike/Ped | Bike Lanes Route 7 - Alexandria to Seven Corners | Construct protected bike lanes on both sides of VA 7 between Alexandria and Seven Corner. Connect with City of Falls Church's bicycle network. |
| 5 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |

Segment 8-3: I-395/US 1/VRE Fredericksburg/Blue Yellow Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 6 | 60 | Bike/Ped | Arlington Regional Trail Network | <p>Provide dedicated bike facilities, bikesharing and key sidewalk improvements on north-south corridors in Arlington to connect major east-west corridors with each other. Example corridors includes Carlin Springs Road, Walter Reed Drive/Fillmore Street, Harrison St, Washington Blvd, Rt 110, and others. Network also includes:</p> <ul style="list-style-type: none"> -Trail parallel to Washington Blvd between Arlington Blvd and Columbia Pike -Rehab of Custis Trail to current VDOT shared used path design and construction specifications in Rosslyn -Extension of Custis Trail north of I-66 between Kennebec and Quantico -Long Bridge Park Esplanade extension to Mt Vernon Trail -Arlington Blvd trail -Theodore Roosevelt Bridge connection to Mt Vernon Trail and Marine Corps War Memorial -Dedicated cycling facility along the Route 50 service road (south side), between N. Rhodes St. and N. Meade St. -Expansion of Arlington bicycle commuter routes: Bluemont Junction Trail, Custis |
| 7 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 8 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 9 | 63 | Transit | Route 50 Express Bus | Improve Route 50 - Orange Line bus connections. |

Segment 8-3: I-395/US 1/VRE Fredericksburg/Blue Yellow Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 10 | 64 | Roadway | Van Dorn St - Franconia Rd Interchange | Construct interchange at VA 613 (Van Dorn Street) and VA 644 (Franconia Road) |
| 11 | 65 | Transit | Duke Street Transitway | Construct a four-mile segment of the high-capacity transitway on Duke Street within Alexandria. Reconstruct Duke Street from Wheeler Ave to Jordan St w/ a center left-turn lane. Construct bicycle and pedestrian improvements along corridor. The first phase would create dedicated transit lanes in existing six-lane sections of Duke Street between Landmark Mall and Jordan Street and between Roth Street and Diagonal Road. Between Jordan Street and Roth Street, transit would operate in mixed flow. |
| 12 | 66 | Transit | Wilson Bridge High Capacity Transit | Extend high capacity surface transit from Metrorail Yellow Line in Alexandria to the Green Line in Prince George's County. Related to I-495 priority bus service CLRP bus service project. Potential modes include LRT, BRT, or improved bus service on corridor between stations. |
| 13 | 68 | Roadway | Little River Turnpike Widening | Widen Little River Turnpike (VA 236) from 4 to 6 lanes between City of Fairfax and I-395 |
| 14 | 70 | Roadway | I-495 HOV Lanes | Implement HOV lanes on I-495 between I-395 and the Woodrow Wilson Bridge |
| 15 | 76 | Roadway | Crystal City, Pentagon City, Potomac Yard Street Grid Improvements | Construct an improved grid network of streets in Crystal City, Pentagon City, and Potomac Yard |

Segment 8-3: I-395/US 1/VRE Fredericksburg/Blue Yellow Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 16 | 78 | Transit | DASH Transit Service Enhancements and Expansion | DASH Transit Service Enhancements: including new cross-town services and funding for additional buses to expand service on existing and new routes, circulators and trolleys within and between activity centers and expand bus storage and maintenance facilities; also includes transit stop improvements (bus shelters, real time information signs, bus stop benches, pads for ADA); upgrade to new and/or upgraded regional fare system including new fare collection technology; Provide transit service connection between Eisenhower Metrorail Station and King Street Metrorail Station; Provide transit service connection between Van Dorn Metrorail Station and the Landmark Mall vicinity; Provide east-west transit service between Braddock Rd Metrorail Station and Old Town / King St. Metrorail Station . |
| 17 | 79 | Transit | West End Transitway | Construct a four-mile segment of the dedicated bus lanes between the Van Dorn Metro station and Arlington County. This project will also provide pedestrian and bike facilities in the corridor |
| 18 | 80 | Transit | I-395 Bus Lanes | Construct bus lanes between Pentagon Transit Center and 14th Street using inside shoulders of Rochambeau Memorial Bridge (I-395) |
| 19 | 82 | Transit | Widen Long Bridge | Widen the Long Bridge to 4 tracks to accommodate additional rail capacity for commuter (VRE), intercity (Amtrak, DC2RVA), and freight (CSXT) services. |

Segment 8-3: I-395/US 1/VRE Fredericksburg/Blue Yellow Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 20 | 83 | Transit | King Street Metro-Alexandria Union Station Improvements | Implement multimodal improvements at the King Street Metro station including improved access to parking lot and bus facilities, construction of new shelters, construction of additional bus bays, and a planned transit store. Construction of a new pedestrian tunnel between Alexandria Union Station and the King Street Metrorail station to include elevators and elimination of existing at grade crossing. Pedestrian tunnel project also includes improvements to the east platform including lengthening the platform, ADA improvements, a new canopy and a stairway and elevator connection to the pedestrian tunnel. Improvements to the east platform will increase freight, commuter, and passenger rail operations within and through the City of Alexandria and allow for VRE to utilize the east platform for revenue service. Project also include other improvements at Alexandria Union Station. |
| 21 | 84 | Transit | Crystal City Metro Station Multimodal Improvements | Enhance bus docking capacity and passenger facilities at the Crystal City Metro station |
| 22 | 85 | Transit | Crystal City Metro Station Second Entrance | Construct a second entrance to the Crystal City Metro station (near Crystal Drive and 18th Street S) providing connections to Crystal City VRE Station and DCA. |

Segment 8-3: I-395/US 1/VRE Fredericksburg/Blue Yellow Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 23 | 86 | Bike/Ped | Alexandria Bike and Ped Trails Construction and Reconstruction | Reconstruct Holmes Run Trail from North Ripley Street to I-395; Construct trails along local streets in the Beauregard Street and Van Dorn Street corridor, this facility will provide a north-south connection to the City's Holmes Run Trail, running east west, and connecting bicycle users to Mark Center corridor; Construct pedestrian and bicycle bridge over Holmes Run at Morgan St; Implement and construct projects in the City's Ped Bike Plan; Construct bicycle improvements along Royal St between Jones Point and Bashford St, include signage, traffic calming |
| 24 | 89 | Transit | US 1 BRT | Construct along US 1 BRT with stations at Beacon Hill, Hybla Valley, Fort Belvoir, Penn Daw, Pohick Rd, Woodlawn, and South County Government and with transit transfer centers at Kingman Rd and Fort Belvoir. Includes US 1 widening between VA 235 and I-495. |
| 25 | 90 | Transit | Fredericksburg Line Rail Capacity Improvements | Add a third track between AF and the VRE Crossroads Yard south of Fredericksburg. |

Segment 8-3: I-395/US 1/VRE Fredericksburg/Blue Yellow Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 26 | 91 | ITS/ICM | I-95/I-395 ICM Program | <p>I-95/I-395 ICM Program:</p> <ul style="list-style-type: none"> -Multimodal Traveler Information: Integration of roadway, transit, and parking information. -Dynamic Ramp Metering: Upgrade of existing ramp metering system. -Parallel Arterial Operations Improvements: Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-95 corridor (including US 1 and Telegraph Rd) -Parking Management: Expansion of pilot program to additional PNR lots. -Decision Support System: Software system to support corridor management activities across multiple facilities and modes. |
| 27 | 97 | Transit | Columbia Pike Priority Transit Network (PrTN) | Provide priority transit service from Skyline to Crystal City via Pentagon City, including limited-stop bus service, improved headways, and 24 transit stations. |
| 28 | 98 | Transit | VA 236 Bus Priority, Alexandria to Fairfax | Implement bus priority service on VA 236 between Alexandria and Fairfax. |
| 29 | 100 | Transit | Metrorail Fleet Expansion | Expand Metrorail fleet to enable operations of 100 percent eight-car trains during peak period. Expansion, upgrades, and replacements of the rail car fleet, traction power substations, power cabling, third rail, train control systems, and storage facilities. |
| 30 | 101 | Bike/Ped | Columbia Pike Corridor urban bike/ped network | Improve bicycle and pedestrian infrastructure in and around the Columbia Pike corridor, including bikeways, bikesharing, and key sidewalk improvements, to convert SOV trips to, within, and between activity center areas from car to bike/pedestrian. Includes parallel bike routes along 9th St, 11th St, and 12th in the vicinity of Columbia Pike. |

Segment 8-3: I-395/US 1/VRE Fredericksburg/Blue Yellow Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|-----------------------|--|
| 31 | 102 | Bike/Ped | Arlington TDM Package | <p>Improve and expand the commuter assistance and other programs provided by Arlington County Commuter Services. Includes new commuter stores and next generation IT services, implementation of transportation system management and communication upgrade throughout the County, and improvements to traveler information via creation or expansion of informational, wayfinding, alert, or real-time signs providing information on multimodal transportation options.</p> <p>Develop a system of coordinated mobility hubs along major corridors to fully integrate transit, bikesharing, carsharing, ridesharing, pedestrians, bicycling, ride hailing and other shared use services.</p> <p>Develop, coordinate, implement, and/or expand shared-ride and ride-hailing services for first mile/last mile connections to transit and mobility hubs as well as to activity centers, parking, and pick-up hotspots. Includes support for autonomous vehicles, casual carpooling, on-demand services</p> |

Segment 8-3: I-395/US 1/VRE Fredericksburg/Blue Yellow Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 32 | 103 | ITS/ICM | Arlington ITS Projects | Implement intelligent transportation systems and adaptive traffic control system on regional corridors within Arlington County, including: - Enhancement of Traffic System and Technology to a Smart Traffic Signal system; - Installation of Intelligent Transportation System (ITS) and corresponding Adaptive Traffic Control System program on US 29 Lee Highway to better manage traffic flow. Includes additional Bluetooth devices, count stations, CCTV cameras, and FLIR detectors and upgraded signals for better-timed connection with I-66; - Reconstruction of traffic signals to meet current standards, including upgrade from span wire to mast arm |
| 33 | 104 | Transit | Metro station access and capacity improvements | Construction of station access and capacity improvements at: Rosslyn, Pentagon, Vienna, Foggy Bottom, Farragut West, McPherson Square, Metro Center, L'Enfant Plaza, and Union Station. Also includes station area lighting and customer amenities. |
| 34 | 105 | Transit | Metrobus Priority Corridor Network Plan | PCN Improvements will include improved transit signal priority and exclusive bus lanes, increased frequency and span of service. Improved customer information, expanded fare payment options, enhanced bus stops and facilities. Metrobus service improvements on these routes: CC-PY{9A, E, S, X}; Leesburg Pike{28A, 28X, 28F, G, T}; Little River Tpke/Duke St{29K, N, 29C, E, H} |
| 35 | 108 | Transit | Metrorail Real-Time Parking Info | Deployment of real-time parking information signage at WMATA rail stations |
| 36 | 110 | Transit | South County Feeder Bus Service | Improve service levels on bus routes serving Richmond Highway, Kingstowne, and Springfield |

Segment 8-3: I-395/US 1/VRE Fredericksburg/Blue Yellow Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 37 | 112 | Bike/Ped | Crystal City Corridor Urban Ped/Bike Network | Improve bicycle and pedestrian infrastructure in and around Arlington's Blue/Yellow Metro corridor, including bikeways, bikesharing, and key sidewalk improvements, to convert SOV trips to, within, and between Metro station areas from car to bike/pedestrian, and to enable access to/from Metro stations to high-density housing and job centers. |
| 38 | 113 | ITS/ICM | Alexandria ITS Projects | Funding for transportation technologies to improve system efficiencies in the City of Alexandria, Real-Time Adaptive Control and Data Management System - Build out and improve Traffic Signal System with fiber-optics; transit signal priority |
| 39 | 115 | Transit | VRE Fredericksburg and Manassas Line Off-peak Service | Run bi-hourly trains during midday period between peaks on both Manassas and Fredericksburg Lines |
| 40 | 116 | Transit | Implement integrated regional rail service / VRE-MARC run-through service | Implement run-through service by integrating intercity rail service with MARC and AMTRAK |
| 41 | 117 | Transit | Metroway - Pentagon City Extension | Construct extension of Metroway to Pentagon City, which includes reconfiguration of 12th Street S between S Eads St and S Clark St for exclusive transit lanes. Removal of obsolete section of Clark St and realignment of Clark St with Bell St to improve street network. Intersection improvements around 23rd St S and US 1. Implement Complete Street improvements to Army Navy Drive. |
| 42 | 122 | Transit | ART Service Restructuring and Expansion | Purchase of buses in support of Arlington Transit (ART) service restructuring and expansion. Includes implementation of priority bus service on Glebe Road between Marymount University and Potomac Yard Metro via Ballston. |
| 43 | 127 | Transit | Blue and Yellow Line Bus Facility Improvements | Expand and improve bus bays, passenger facilities, and bus circulation and access paths at all Yellow and Blue Line stations and transit centers in the I-395/ US-1 corridor |

Segment 8-3: I-395/US 1/VRE Fredericksburg/Blue Yellow Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 44 | 193 | Transit | Alexandria Bus Network ITS | Install Automatic Vehicle Location (AVL) technology on DASH bus to provide real-time arrival info, computer-aided dispatch, automated passenger counters (APC) and automated garage mapping system. |
| 45 | 194 | Transit | Landmark Transit Station Improvements | Construct a transit center on the Landmark Mall site, construct transit commuter hub or kiosk at the future West End Transit Center |
| 46 | 195 | Roadway | Arlandria/Del Ray/ Lynhaven/Potomac Yard Roadway, Bike/Ped, Improvements | Traffic improvements for the intersection of Mt Vernon Ave and E/W Glebe Rd, including signalization, accommodation for pedestrians and turn lane channelization. Construct improvements at Mt Vernon/Four Mile Rd intersection, including ped/bike improvements; Construct bike/ped bridge over four mile run between Commonwealth Ave and Eads St; Mt Vernon Ave/Russell Rd intersection safety improvements to accommodate pedestrian and bicyclists, may entail intersection and parking configuration redesign. Construct a pedestrian/bicycle link from the Potomac Yard Trail to connect to the Four Mile Run trail on the south side of Four Mile Run, and to the Mt. Vernon Trail; Oakville Triangle improvement projects |

Segment 8-3: I-395/US 1/VRE Fredericksburg/Blue Yellow Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 47 | 196 | Roadway | West End Alexandria Roadway Improvements | Construct a multimodal bridge from Van Dorn Metro station to Pickett Street; Extend Library Ln North to Connect with Van Dorn St; ellipse at Beauregard and Seminary; Replace shared left/thru turn lanes along NB and SB Van Dorn St with separate left turn lanes; add protected, permissive left turn lane along NB and SB Van Dorn; Widen Van Dorn St Bridge over Duke St to accommodate pedestrians; Replace shared left/thru turn lanes along NB and SB Van Dorn St with separate left turn lanes; Construct new roadway along Fairfax County Line to connect Edsall Rd, S Pickett St, Farrington Ave; Intersection improvements along Van Dorn Street at Eisenhower, Edsall, Pickett; Straightening Eisenhower; New High Street Addition and Bridge as part of Alexandria's Landmark Van Dorn Area Plan |
| 48 | 199 | Transit | New Central/East County to Pentagon/DC OmniRide | Implement new transit route between Central East Prince William County, Pentagon, and downtown DC via the I-95 HOV lanes. Requires 4 additional buses. |
| 49 | 202 | Transit | Metro Station Improvements within the City of Alexandria | Redesign kiss-and-ride and reconfigure bus loading area to accommodate West End Transitway at the Van Dorn Metrorail Station and existing and future developments within the Eisenhower West Small Area Plan. Improvements to the Eisenhower Ave Metrorail Station to accommodate East Eisenhower development, including renovation of existing bus loop, new pedestrian plaza, new bus shelter canopies, and real-time bus arrival info displays. |
| 50 | 227 | Roadway | Widen Eisenhower Avenue | Widen Eisenhower Avenue from 4 to 6 lanes from Mill Road to Holland Lane. |
| 51 | 229 | Roadway | Widen Telegraph Road | Widen Telegraph Road from two lanes to three and four lanes (total) at various segments between Beulah Street and Franconia Road. |

Segment 8-3: I-395/US 1/VRE Fredericksburg/Blue Yellow Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 52 | 236 | Roadway | Reconstruct I-95 interchange at VA 613 Van Dorn Street | Reconstruct I-95 interchange at VA 613 Van Dorn Street. |
| 53 | 291 | Transit | Arlington mobility hubs | Develop a system of coordinated mobility hubs along major corridors to fully integrate transit, bikesharing, carsharing, ridesharing, pedestrians, bicycling, ride hailing and other shared use services; |
| 54 | 292 | Transit | Off-vehicle fare collection | Develop a system of off board fare collections for ART and WMATA buses. |
| 55 | 293 | Transit | ART Bus Parking and Heavy Maintenance Facility | Construct a bus heavy maintenance facility for Arlington Transit (ART) buses and provide additional spaces for ART bus parking. |
| 56 | 296 | Roadway | 14th Street Bridge HOT lanes | DC project to implement HOT on 14th St Bridge |
| 57 | 297 | Transit | Increase off-peak transit service on I-95 Corridor | Add bus trips to the existing service: Lake Ridge-DC, Lake Ridge-Pentagon/Crystal City; Dale City/Potomac Mills-Pentagon/Crystal City; Dale City/Potomac-Mills/Rosslyn/Ballston; Montclar/Dumfries-Pentagon/DC; Montclair/Dumfries-Pentagon; Dale City/Potomac Mills-Mark Center |
| 58 | 299 | Transit | VRE Alexandria-DC Rail Capacity Improvements | Construct fourth track LE to VA Construct fourth track RO to AF Alexandria track 1 access/ Slater's Lane crossover Construct Washington Union Station station/access improvements Construct VRE L'Enfant station/access improvements Construct VRE Crystal City station/access improvements |
| 59 | 300 | Transit | VRE Alexandria Station Improvements | Improve multimodal connectivity and accessibility at the Alexandria Union Station - King Street Metro station through construction of a pedestrian tunnel between the two stations; platform expansion and access improvements at VRE station |

Segment 8-3: I-395/US 1/VRE Fredericksburg/Blue Yellow Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 60 | 301 | Transit | VRE Manassas Line Rail Capacity Enhancements | <p>1. Increase frequencies to 20 min in peak period. In support of this improvement:</p> <ul style="list-style-type: none"> a. Construct track capacity enhancements (additional track and capacity improvements) from Alexandria/AF to Manassas Line terminus, including existing Broad Run VRE station. b. Purchase additional rolling stock in support of 8-car trains and peak service improvements (TIP reflects purchases for 8-car trains in peak hour, additional needed beyond CLRP commitment). c. Construct/expand VRE equipment storage and maintenance facilities in Manassas and midday storage in Washington, D.C. d. Construct station/platform, parking and access improvements at VRE Manassas Line stations, including expand existing Broad Run VRE station/parking/access. e. Improve information sharing through ITS/TSM enhancements for improved communications. <p>Rail improvements in support of I-81 / US-29 Intercity Passenger Rail (DRPT/AMTRAK)</p> |
| 61 | 317 | Transit | Pentagon City Metrorail 2nd Entrance | Construct 2nd elevator entrance adjacent to Fashion Center Mall |
| 62 | 318 | Transit | Shirlington Bus Station Expansion | Addition of new bus bays at the Shirlington Bus Station |
| 63 | 319 | Transit | Crystal City Bus Improvements | Improving bus circulation, operations, and safety in the Crystal City area. |

Segment 8-3: I-395/US 1/VRE Fredericksburg/Blue Yellow Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 64 | 324 | Transit | Fredericksburg Line Service Expansion | Implement VRE service improvements on the Fredericksburg line to reduce headways to 20 min in peak period. In support of this improvement: a. Purchase additional rolling stock in support of 8-car trains and peak service improvements (TIP reflects purchases for 8-car trains in peak hour, additional needed beyond CLRP commitment). b. Construct/expand VRE equipment storage and maintenance facilities in Fredericksburg and midday storage in Washington, D.C. c. Construct station/platform, parking and access improvements at VRE Fredericksburg Line stations d. Improve information sharing through ITS/TSM enhancements for improved communications. |
| 65 | 325 | Transit | Fredericksburg Line Peak Period Service Expansion | Improve frequencies to 15-min. peak period and new reverse peak period service. In support of this improvement: a. Purchase additional rolling stock b. Construct/expand VRE equipment storage and maintenance facilities c. Rail Line capacity improvements d. Station/Parking Access improvements e. ITS/TSM improvements. |
| 66 | 326 | Transit | Manassas Line Peak Period Service Expansion | Improve frequencies to 15-min. peak period and new reverse peak period service. In support of this improvement: a. Purchase additional rolling stock b. Construct/expand VRE equipment storage and maintenance facilities c. Rail Line capacity improvements d. Station/Parking Access improvements e. ITS/TSM improvements. |
| 67 | 331 | Transit | Tysons Express Bus | Implement express bus service between Tysons and Huntington Metro, and Tysons and Franconia-Springfield Metro. |
| 68 | 339 | ITS/ICM | I-95 ITS/ICM Improvements | Implement intelligent transportation systems, adaptive traffic control, and hard shoulder lanes on I-95 |

Segment 8-3: I-395/US 1/VRE Fredericksburg/Blue Yellow Line — I-495 to Potomac River

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 69 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 70 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 71 | 343 | Transit | VRE Express Service - Fredericksburg Line | Implement peak period express service on VRE Fredericksburg Line: - One express train and three local trains per hour during AM and PM peak periods - Stops at Spotsylvania, Leeland Rd, Woodbridge, Alexandria, Crystal City, L'Enfant, and Union Station |
| 72 | 344 | Transit | VRE Express Service - Manassas Line | Implement peak period express service on VRE Manassas Line: - One express train and three local trains per hour during AM and PM peak periods - Stops at Broad Run, Manassas Park, Burke Centre, Alexandria, Crystal City, L'Enfant, and Union Station |
| 73 | 352 | Transit | ART Service Improvements | Increase ART service on crowded corridors in Arlington County, supported by capacity increases at Heavy Maintenance / Bus Parking facilities |
| 74 | 353 | Transit | Van Dorn Intermodal Facility | Construct Intermodal facility in the vicinity of Van Dorn Metro station to facilitate transfers between Metrorail, West End Transitway, and local transit service. |
| 75 | 354 | Roadway | I-495 Express Lanes - Springfield to Wilson Bridge | Extend I-495 Express Lanes from Springfield across Wilson Bridge into Maryland |
| 76 | 355 | Roadway | I-495 / I-395 Lane Restrictions | Implement lane restrictions for commercial trucks on I-495 and I-395 |
| 77 | 356 | Transit | MARC / VRE Crossover Service | Implement MARC Crossover service to Alexandria and points south and west and VRE Crossover service to destinations including New Carrollton, College Park, and points north via Union Station during AM and PM peak hours |

Segment 9-1: US 15 — Potomac River to Rt. 7

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 1 | 11 | Transit | West Loudoun "Gateway" Park-and-ride | Construct three new park-and-ride lots in West Loudoun (Hillsboro, Round Hill, and Lucketts) |
| 2 | 12 | Bike/Ped | Leesburg-Alexandria VA 7 Trail | Construct trail along VA 7 from Leesburg to Alexandria |
| 3 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 4 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 5 | 93 | Roadway | Interchange at US 15 and Battlefield Pkwy | Construct grade-separated interchange at US 15 (Leesburg Bypass) and Battlefield Parkway |
| 6 | 109 | Transit | Loudoun County Phase III Bus Service | Implement Phase III bus service in Loudoun County, including local, express, intercounty, commuter, and demand-response services |
| 7 | 129 | Roadway | VA 7 Widening, Battlefield Pkwy to Leesburg ECL | Widen VA 7 from 6 to 8 lanes between Battlefield Pkwy and Leesburg ECL |
| 8 | 130 | Roadway | Route 15 Bypass / Edwards Ferry Road Interchange | Construct a grade-separated interchange at the Route 15 Leesburg Bypass and Edwards Ferry Rd in Leesburg. Includes grade separated interchange at For Evans Rd intersection |
| 9 | 157 | Roadway | Widen/Extend Battlefield Parkway | Widen Battlefield Pkwy to six lanes from Edwards Ferry Rd to US 15 (South King Street opposite Meade Drive). |
| 10 | 162 | Roadway | Widen VA 7, Leesburg Bypass to Atlantic Blvd (Harry Byrd Highway/East Market Street) | Widen VA 7 (Harry Byrd Highway) to 8 lanes between US 15 (Leesburg Bypass) and Atlantic Blvd (VA 1902). Study of alternative uses (bus lanes, HOV) to be considered for segment between VA 28 and Leesburg Bypass. |
| 11 | 190 | Roadway | Widen US 15 | Widen US 15 to 4 lanes from Battlefield Pkwy interchange to VA 740 (Tutt Lane) |

Segment 9-1: US 15 — Potomac River to Rt. 7

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 12 | 192 | Roadway | Construct interchange, VA 7 at Battlefield Pkwy | Construct grade-separated interchange, VA 7 at Battlefield Pkwy |
| 13 | 286 | Roadway | Route 15 Congestion Mitigation Improvements | Implement congestion mitigation improvements, including roundabouts and reduction of left turning movements, on Route 15 north of Leesburg |
| 14 | 303 | Roadway | Leesburg Bypass | Widen VA 7/US 15 to 6 lanes (limited access) from the East Market Street interchange to the US 15 interchange. |
| 15 | 304 | Roadway | VA 7 "hot spot" and safety improvements | "Hot Spot" and safety improvements on VA 7 from the Fairfax County Line to the Clarke County Line, as directed by the Board. |
| 16 | 307 | Roadway | US 15 "hot spot" and safety improvements | "Hot Spot" and safety improvements on US 15 from the Prince William County Line to the Maryland State Line, as directed by the Board. |
| 17 | 309 | Roadway | Extend Russell Branch Parkway (Leesburg) | Extend Russell Branch Parkway (Leesburg) from Cochran Mill Road (VA 653) to Trailview Blvd: Construct a 4-lane roadway. |
| 18 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 19 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |

Segment 9-2: US 15 — Rt. 7 to I-66

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 1 | 12 | Bike/Ped | Leesburg-Alexandria VA 7 Trail | Construct trail along VA 7 from Leesburg to Alexandria |
| 2 | 14 | Transit | Transit Connections to Silver Line Phase II Stations | Expand bus service and connections to Silver Line Phase II stations. Provide feeder bus service between Metrorail and P&R lots. Purchase buses for new service. |
| 3 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 4 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 5 | 109 | Transit | Loudoun County Phase III Bus Service | Implement Phase III bus service in Loudoun County, including local, express, intercounty, commuter, and demand-response services |
| 6 | 128 | Roadway | Widen Route 15, Harmony Church Rd to Mason Lane | Widen Route 15 to four lanes from Harmony Church Rd to Mason Lane |
| 7 | 129 | Roadway | VA 7 Widening, Battlefield Pkwy to Leesburg ECL | Widen VA 7 from 6 to 8 lanes between Battlefield Pkwy and Leesburg ECL |
| 8 | 155 | Roadway | Construct Airport Area Connector | Construct Airport Area Connector between Battlefield Pkwy and Crosstail Blvd (VA 653) just east of VA 267: Construct 4 lanes. |
| 9 | 157 | Roadway | Widen/Extend Battlefield Parkway | Widen Battlefield Pkwy to six lanes from Edwards Ferry Rd to US 15 (South King Street opposite Meade Drive). |
| 10 | 162 | Roadway | Widen VA 7, Leesburg Bypass to Atlantic Blvd (Harry Byrd Highway/East Market Street) | Widen VA 7 (Harry Byrd Highway) to 8 lanes between US 15 (Leesburg Bypass) and Atlantic Blvd (VA 1902). Study of alternative uses (bus lanes, HOV) to be considered for segment between VA 28 and Leesburg Bypass. |

Segment 9-2: US 15 — Rt. 7 to I-66

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 11 | 167 | Roadway | Widen VA 7, W Market St to Charles Town Pike | Widen VA 7 (Harry Byrd Highway) from 4 to 8 lanes between West Market St (VA 7 business) and Charles Town Pike (VA 9). Construct grade-separated interchange at White Gate Place and remove all remaining at-grade access. |
| 12 | 179 | Roadway | Widen Evergreen Mills Rd from VA 621 Relocated to Battlefield Pkwy | Widen Evergreen Mills Rd (VA 621) from 2 to 4 lanes between Shreveport Dr (VA 621 Relocated) and Battlefield Pkwy. |
| 13 | 180 | Roadway | Widen Evergreen Mills Rd from Battlefield Pkwy to US 15 (South King Street) | Widen Evergreen Mills Rd (VA 621) from 2 to 4 lanes between Battlefield Pkwy and US 15 (South King St). |
| 14 | 182 | Roadway | Widen Sycolin Rd | Widen Sycolin Rd (VA 625) to 4 lanes between Belmont Ridge Rd (VA 659) and Battlefield Pkwy. Realign Sycolin Rd to accommodate expansion of Leesburg Airport**. |
| 15 | 192 | Roadway | Construct interchange, VA 7 at Battlefield Pkwy | Construct grade-separated interchange, VA 7 at Battlefield Pkwy |
| 16 | 302 | Roadway | Leesburg Bypass | Widen VA 7 to 6 lanes (limited access) from US 15 King St to West Market Street interchange. |
| 17 | 303 | Roadway | Leesburg Bypass | Widen VA 7/US 15 to 6 lanes (limited access) from the East Market Street interchange to the US 15 interchange. |
| 18 | 304 | Roadway | VA 7 "hot spot" and safety improvements | "Hot Spot" and safety improvements on VA 7 from the Fairfax County Line to the Clarke County Line, as directed by the Board. |
| 19 | 307 | Roadway | US 15 "hot spot" and safety improvements | "Hot Spot" and safety improvements on US 15 from the Prince William County Line to the Maryland State Line, as directed by the Board. |
| 20 | 309 | Roadway | Extend Russell Branch Parkway (Leesburg) | Extend Russell Branch Parkway (Leesburg) from Cochran Mill Road (VA 653) to Trailview Blvd: Construct a 4-lane roadway. |
| 21 | 313 | Transit | Transit buses purchase | Purchase of buses in support of Loudoun County's transit services. |
| 22 | 314 | Roadway | US 50 Improvements | Improvements along US 50 (John Mosby Highway/Washington Street) from the Fairfax County Line to the Fauquier County Line. |

Segment 9-2: US 15 — Rt. 7 to I-66

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 23 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 24 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 25 | 345 | Roadway | Route 7 Reversible Lanes | Construct reversible lanes on VA-7 Leesburg Bypass between the Greenway Toll Road and VA-9 |

Segment 9-3: US 15 — US 50 to US 29

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 1 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 2 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 3 | 92 | Roadway | US 15 Widening Prince William, Rt 234 to Loudoun County line | Widen US 15 from two to four lanes between VA 234 and the Loudoun County line. |
| 4 | 247 | Roadway | Construct Haymarket Bypass, VA 29 to US 15 | Construct PWC portion of Haymarket Bypass from Old Carolina Rd to US 15 |
| 5 | 249 | Roadway | Widen I-66, Prince William County | Widen I-66 to eight lanes between Fauquier CL and Antioch Bridge Rd |
| 6 | 250 | Roadway | Widen US 15, Haymarket TL to US 29 | Widen US 15 James Madison Highway to four lanes from Haymarket TL to US 29. Project improvements implemented in conjunction with Railroad Overpass. |
| 7 | 252 | Roadway | Widen John Marshall Hgwy, Thoroughfare Rd to US 29 | Widen John Marshall Hwy from two to four lanes between Thoroughfare Rd (excluding Town of Haymarket) and Catharpin Rd and from four to six lanes between Catharpin Rd and Lee Hwy |
| 8 | 253 | Roadway | Widen US 29 Lee Highway, US 15 to Virginia Oaks Dr | Widen US 29 Lee Highway, to six lanes between US 15 and Virginia Oaks Drive |
| 9 | 255 | Roadway | Widen McGraws Corner Dr, Thoroughfare Rd to US 29 | Widen McGraws Corner Dr to four lanes between Thoroughfare Rd and US 29 |
| 10 | 260 | Roadway | Widen Old Carolina Rd, Heathcote Blvd to US 29 | Widen Old Carolina Rd to four lanes, Heathcote Blvd to US 29 |
| 11 | 268 | Roadway | Widen Sudley Rd, US 15 to US 29 | Widen Sudley Rd to four lanes, US 15 James Madison Highway to US 29 Lee Highway |
| 12 | 272 | Roadway | Widen Thoroughfare Rd, US 15 to McGraws Corner Dr | Widen Thoroughfare Rd to four lanes, US 15 to McGraws Corner Dr |
| 13 | 298 | Transit | Implement new OmniLink service | Implement new OmniLink routes: Innovation-to-Gainesville/Haymarket; Innovation-to-Manassas; Montclair local |

Segment 9-3: US 15 — US 50 to US 29

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 14 | 307 | Roadway | US 15 "hot spot" and safety improvements | "Hot Spot" and safety improvements on US 15 from the Prince William County Line to the Maryland State Line, as directed by the Board. |
| 15 | 314 | Roadway | US 50 Improvements | Improvements along US 50 (John Mosby Highway/Washington Street) from the Fairfax County Line to the Fauquier County Line. |
| 16 | 315 | Transit | I-66 Corridor Park & Ride Prince William | Construct new park & ride lots along the I-66 corridor in Prince William at *Dominion, ***Innovation, ***James Madison Arrowleaf, ***Linton Hall School, and ***Yorkshire. Expand existing P&R capacity at *Limestone Drive and *Manassas Mall/Sears. |
| 17 | 329 | Roadway | Route 15 Improvements with Railroad Overpass | Project will widen Route 15 from 2 to 4 lanes and build an overpass over the existing Norfolk Southern Railway (NS) B-Line tracks. The project extends about 1000' north of the tracks and extends approximately 1200' south of the tracks |
| 18 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |

Segment 10-1: Braddock Road/VRE Manassas — Rt. 28 to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 1 | 27 | Roadway | VA 28 Widening, I-66 to Loudoun | Widen VA 28 to 10 lanes between I-66 and Loudoun County (8 GP + 2 HOV) |
| 2 | 28 | Roadway | VA 28 / New Braddock Rd Interchange | Construct an interchange at VA 28 and New Braddock Road |
| 3 | 31 | Roadway | VA 28 Widening, US 29 to Prince William Cty Line | Widen VA 28 to six lanes between Prince William County Line and U.S. 29 |
| 4 | 32 | Transit | VA 28 LRT/BRT | Construct LRT / BRT line parallel to VA 28 from Manassas to Dulles Airport |
| 5 | 33 | Bike/Ped | VA 28 Trail | Construct a shared used path on both sides of VA 28 from Prince William County line to Dulles Toll Road |
| 6 | 38 | Roadway | Fairfax County Pkwy HOV Widening (Franconia) | Widen Fairfax County Pkwy by adding HOV lanes from Franconia Springfield Pkwy to I-66 |
| 7 | 40 | Roadway | Rolling Rd Widening | Widen Rolling Rd to four lanes between Hunter Village Dr and Old Keene Mill Rd |
| 8 | 41 | Roadway | Fairfax County Pkwy Widening | Widen Fairfax County Pkwy to six lanes from VA 123 to Sydenstricker Rd |
| 9 | 42 | Transit | Fairfax County Pkwy Priority Bus Service | Implement priority bus service on Fairfax County Parkway between Herndon/Monroe Metrorail station and Ft. Belvoir |
| 10 | 43 | Roadway | Route 286 Widening Fairfax County Parkway Widening (VA 123 to US 29) | Widen Fairfax County Parkway from VA 123 (Ox Rd) to US 29 (Lee Highway) from four lanes to six lanes. Construct a grade-separated interchange at the intersection of the Fairfax County Parkway and Popes Head Road, with shared used paths on both sides. |
| 11 | 44 | Roadway | Shirley Gate Road Extension | Extend Shirley Gate Road from Braddock Rd to Fairfax County Parkway |
| 12 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |
| 13 | 48 | Transit | Extend High Capacity Transit to Centreville | Extend High Capacity transit from Metrorail to Centreville Potential modes include LRT, BRT, or improved bus service on corridor between stations. Construction of stations and PNR lots at Centreville, Stringfellow, and Government Center / Fair Oaks, and a station serving the City of Fairfax. |

Segment 10-1: Braddock Road/VRE Manassas — Rt. 28 to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 14 | 52 | Roadway | Stone Road Overpass over I-66 from Route 29 to Route 28 | Construct 4-lane divided road between Stone Road at Route 29 and New Braddock Road, including bridges over I-66 and Big Rocky Run and a shared use path |
| 15 | 55 | Bike/Ped | US 29 trail | Construct a trail along US 29 from Dixie Hill Rd to EFC Metrorail Station |
| 16 | 56 | Roadway | Widen VA 123, Fairfax to Vienna | Widen VA 123 to six lanes between City of Fairfax and Town of Vienna |
| 17 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 18 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 19 | 64 | Roadway | Van Dorn St - Franconia Rd Interchange | Construct interchange at VA 613 (Van Dorn Street) and VA 644 (Franconia Road) |
| 20 | 65 | Transit | Duke Street Transitway | Construct a four-mile segment of the high-capacity transitway on Duke Street within Alexandria. Reconstruct Duke Street from Wheeler Ave to Jordan St w/ a center left-turn lane. Construct bicycle and pedestrian improvements along corridor. The first phase would create dedicated transit lanes in existing six-lane sections of Duke Street between Landmark Mall and Jordan Street and between Roth Street and Diagonal Road. Between Jordan Street and Roth Street, transit would operate in mixed flow. |
| 21 | 68 | Roadway | Little River Turnpike Widening | Widen Little River Turnpike (VA 236) from 4 to 6 lanes between City of Fairfax and I-395 |
| 22 | 70 | Roadway | I-495 HOV Lanes | Implement HOV lanes on I-495 between I-395 and the Woodrow Wilson Bridge |

Segment 10-1: Braddock Road/VRE Manassas — Rt. 28 to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 23 | 78 | Transit | DASH Transit Service Enhancements and Expansion | DASH Transit Service Enhancements: including new cross-town services and funding for additional buses to expand service on existing and new routes, circulators and trolleys within and between activity centers and expand bus storage and maintenance facilities; also includes transit stop improvements (bus shelters, real time information signs, bus stop benches, pads for ADA); upgrade to new and/or upgraded regional fare system including new fare collection technology; Provide transit service connection between Eisenhower Metrorail Station and King Street Metrorail Station; Provide transit service connection between Van Dorn Metrorail Station and the Landmark Mall vicinity; Provide east-west transit service between Braddock Rd Metrorail Station and Old Town / King St. Metrorail Station . |
| 24 | 79 | Transit | West End Transitway | Construct a four-mile segment of the dedicated bus lanes between the Van Dorn Metro station and Arlington County. This project will also provide pedestrian and bike facilities in the corridor |
| 25 | 90 | Transit | Fredericksburg Line Rail Capacity Improvements | Add a third track between AF and the VRE Crossroads Yard south of Fredericksburg. |

Segment 10-1: Braddock Road/VRE Manassas — Rt. 28 to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 26 | 91 | ITS/ICM | I-95/I-395 ICM Program | <p>I-95/I-395 ICM Program:</p> <ul style="list-style-type: none"> -Multimodal Traveler Information: Integration of roadway, transit, and parking information. -Dynamic Ramp Metering: Upgrade of existing ramp metering system. -Parallel Arterial Operations Improvements: Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-95 corridor (including US 1 and Telegraph Rd) -Parking Management: Expansion of pilot program to additional PNR lots. -Decision Support System: Software system to support corridor management activities across multiple facilities and modes. |
| 27 | 94 | Roadway | VA 123/Braddock Rd Interchange | Construct an interchange at VA 123 and Braddock Rd |
| 28 | 95 | Roadway | VA 123 Widening, Braddock Rd to Fairfax | Widen VA 123 to six lanes between City of Fairfax and Braddock Rd |
| 29 | 96 | Roadway | Braddock Rd Widening, Ox Road to Fairfax County Pkwy | Widen Braddock Rd to six lanes from Ox Rd to VA 286 |
| 30 | 98 | Transit | VA 236 Bus Priority, Alexandria to Fairfax | Implement bus priority service on VA 236 between Alexandria and Fairfax. |
| 31 | 99 | Transit | VA 123 Priority Bus Service | Add bus priority service on VA 123 to serve Tysons. |
| 32 | 100 | Transit | Metrorail Fleet Expansion | Expand Metrorail fleet to enable operations of 100 percent eight-car trains during peak period. Expansion, upgrades, and replacements of the rail car fleet, traction power substations, power cabling, third rail, train control systems, and storage facilities. |

Segment 10-1: Braddock Road/VRE Manassas — Rt. 28 to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 33 | 103 | ITS/ICM | Arlington ITS Projects | Implement intelligent transportation systems and adaptive traffic control system on regional corridors within Arlington County, including: - Enhancement of Traffic System and Technology to a Smart Traffic Signal system; - Installation of Intelligent Transportation System (ITS) and corresponding Adaptive Traffic Control System program on US 29 Lee Highway to better manage traffic flow. Includes additional Bluetooth devices, count stations, CCTV cameras, and FLIR detectors and upgraded signals for better-timed connection with I-66; - Reconstruction of traffic signals to meet current standards, including upgrade from span wire to mast arm |
| 34 | 105 | Transit | Metrobus Priority Corridor Network Plan | PCN Improvements will include improved transit signal priority and exclusive bus lanes, increased frequency and span of service. Improved customer information, expanded fare payment options, enhanced bus stops and facilities. Metrobus service improvements on these routes: CC-PY{9A, E, S, X}; Leesburg Pike{28A, 28X, 28F, G, T}; Little River Tpke/Duke St{29K, N, 29C, E, H} |
| 35 | 108 | Transit | Metrorail Real-Time Parking Info | Deployment of real-time parking information signage at WMATA rail stations |
| 36 | 110 | Transit | South County Feeder Bus Service | Improve service levels on bus routes serving Richmond Highway, Kingstowne, and Springfield |
| 37 | 113 | ITS/ICM | Alexandria ITS Projects | Funding for transportation technologies to improve system efficiencies in the City of Alexandria, Real-Time Adaptive Control and Data Management System - Build out and improve Traffic Signal System with fiber-optics; transit signal priority |

Segment 10-1: Braddock Road/VRE Manassas — Rt. 28 to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 38 | 115 | Transit | VRE Fredericksburg and Manassas Line Off-peak Service | Run bi-hourly trains during midday period between peaks on both Manassas and Fredericksburg Lines |
| 39 | 127 | Transit | Blue and Yellow Line Bus Facility Improvements | Expand and improve bus bays, passenger facilities, and bus circulation and access paths at all Yellow and Blue Line stations and transit centers in the I-395/ US-1 corridor |
| 40 | 134 | Roadway | Fairfax Boulevard Multimodal Improvements | Implement multimodal improvements and improve local connections along Fairfax Boulevard. Enhance transit, ped-bike and roadway facilities and infrastructure. |
| 41 | 135 | Roadway | Jermantown Rd Multimodal Improvements | Implement multimodal improvements and improve local connections along Jermantown Rd. Enhance transit, ped-bike and roadway facilities and infrastructure. Includes widening of Jermantown Road to four lanes south of the I-66 bridge as well as extension of Government Center Parkway. May include participation with Fairfax County on widening of bridge over I-66. |
| 42 | 136 | Roadway | VA 123 Multimodal Improvements | Implement multimodal improvements, improve intersections and local connections, and improve transit service along VA 123. Enhance transit, ped-bike and roadway facilities and infrastructure. |
| 43 | 137 | Roadway | Old Lee Highway Multimodal Improvements | Implement multimodal improvements along Old Lee Highway. Enhance transit, ped-bike and roadway facilities and infrastructure. |
| 44 | 138 | Bike/Ped | Fairfax Citywide Bike-Ped Access | Improve on- and off-road bike and pedestrian facilities, routes, and infrastructure along and adjacent to City of Fairfax corridors to provide better access to Metrorail and regional trails. Expand bikeshare, bike storage, and signage. Includes the extension of the George Snyder Trail. |

Segment 10-1: Braddock Road/VRE Manassas — Rt. 28 to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 45 | 142 | Transit | Transit Enhancements, City of Fairfax | Upgrade and construct transit stops and shelters on CUE routes with improved facilities, design, technology, and/or ped-bike access. Expand transit service and purchase additional buses. |
| 46 | 193 | Transit | Alexandria Bus Network ITS | Install Automatic Vehicle Location (AVL) technology on DASH bus to provide real-time arrival info, computer-aided dispatch, automated passenger counters (APC) and automated garage mapping system. |
| 47 | 196 | Roadway | West End Alexandria Roadway Improvements | Construct a multimodal bridge from Van Dorn Metro station to Pickett Street; Extend Library Ln North to Connect with Van Dorn St; ellipse at Beauregard and Seminary; Replace shared left/thru turn lanes along NB and SB Van Dorn St with separate left turn lanes; add protected, permissive left turn lane along NB and SB Van Dorn; Widen Van Dorn St Bridge over Duke St to accommodate pedestrians; Replace shared left/thru turn lanes along NB and SB Van Dorn St with separate left turn lanes; Construct new roadway along Fairfax County Line to connect Edsall Rd, S Pickett St, Farrington Ave; Intersection improvements along Van Dorn Street at Eisenhower, Edsall, Pickett; Straightening Eisenhower; New High Street Addition and Bridge as part of Alexandria's Landmark Van Dorn Area Plan |
| 48 | 199 | Transit | New Central/East County to Pentagon/DC OmniRide | Implement new transit route between Central East Prince William County, Pentagon, and downtown DC via the I-95 HOV lanes. Requires 4 additional buses. |
| 49 | 200 | Transit | New Manassas to Dulles OmniRide | Implement new transit service from Manassas to Dulles Airport via Route 28. Requires additional 4 buses. |
| 50 | 201 | Transit | New Gainesville / Haymarket to Dulles OmniRide | Implement new transit service from Gainesville and Haymarket to Dulles Airport via I-66 HOV lanes and Route 28. Requires 2 additional buses. |

Segment 10-1: Braddock Road/VRE Manassas — Rt. 28 to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 51 | 202 | Transit | Metro Station Improvements within the City of Alexandria | Redesign kiss-and-ride and reconfigure bus loading area to accommodate West End Transitway at the Van Dorn Metrorail Station and existing and future developments within the Eisenhower West Small Area Plan. Improvements to the Eisenhower Ave Metrorail Station to accommodate East Eisenhower development, including renovation of existing bus loop, new pedestrian plaza, new bus shelter canopies, and real-time bus arrival info displays. |
| 52 | 210 | Roadway | Widen auxiliary lanes along I-495 | Widen auxiliary lanes along various segments of I-495 from north of Hemming Ave Underpass to Georgetown Pike. Reconstruct the I-495 auxiliary lane from VA 7 to I-66 |
| 53 | 216 | Roadway | Widen US 29, VA 665 to Pickwick Rd | Widen US 29 from 4 to 6 lanes from Waples Mill Rd to Pickwick Road |
| 54 | 218 | Roadway | Widen VA 123, Hooes Rd to Braddock Road | Widen VA 123 Ox Road from 4 to 6 lanes between Hooes Road and Braddock Rd |
| 55 | 230 | Roadway | Construct/widen New Braddock Road | Construct/widen New Braddock Road from 0/2 lanes to 4 lanes from VA 28 to US 29 at VA 662 (Stone Road). |
| 56 | 236 | Roadway | Reconstruct I-95 interchange at VA 613 Van Dorn Street | Reconstruct I-95 interchange at VA 613 Van Dorn Street. |
| 57 | 273 | Roadway | Godwin Drive Extension | Construct four lane extension of Godwin Drive between Sudley Rd and Route 28 between Bull Run and Compton Rd. Construct grade-separated interchanges at Lomond Dr and Sudley Rd |
| 58 | 293 | Transit | ART Bus Parking and Heavy Maintenance Facility | Construct a bus heavy maintenance facility for Arlington Transit (ART) buses and provide additional spaces for ART bus parking. |
| 59 | 297 | Transit | Increase off-peak transit service on I-95 Corridor | Add bus trips to the existing service: Lake Ridge-DC, Lake Ridge-Pentagon/Crystal City; Dale City/Potomac Mills-Pentagon/Crystal City; Dale City/Potomac Mills/Rosslyn/Ballston; Montclair/Dumfries-Pentagon/DC; Montclair/Dumfries-Pentagon; Dale City/Potomac Mills-Mark Center |

Segment 10-1: Braddock Road/VRE Manassas — Rt. 28 to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 60 | 301 | Transit | VRE Manassas Line Rail Capacity Enhancements | <p>1. Increase frequencies to 20 min in peak period. In support of this improvement:</p> <ul style="list-style-type: none"> a. Construct track capacity enhancements (additional track and capacity improvements) from Alexandria/AF to Manassas Line terminus, including existing Broad Run VRE station. b. Purchase additional rolling stock in support of 8-car trains and peak service improvements (TIP reflects purchases for 8-car trains in peak hour, additional needed beyond CLRP commitment). c. Construct/expand VRE equipment storage and maintenance facilities in Manassas and midday storage in Washington, D.C. d. Construct station/platform, parking and access improvements at VRE Manassas Line stations, including expand existing Broad Run VRE station/parking/access. e. Improve information sharing through ITS/TSM enhancements for improved communications. <p>Rail improvements in support of I-81 / US-29 Intercity Passenger Rail (DRPT/AMTRAK)</p> |

Segment 10-1: Braddock Road/VRE Manassas — Rt. 28 to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 61 | 324 | Transit | Fredericksburg Line Service Expansion | Implement VRE service improvements on the Fredericksburg line to reduce headways to 20 min in peak period. In support of this improvement: a. Purchase additional rolling stock in support of 8-car trains and peak service improvements (TIP reflects purchases for 8-car trains in peak hour, additional needed beyond CLRP commitment). b. Construct/expand VRE equipment storage and maintenance facilities in Fredericksburg and midday storage in Washington, D.C. c. Construct station/platform, parking and access improvements at VRE Fredericksburg Line stations d. Improve information sharing through ITS/TSM enhancements for improved communications. |
| 62 | 325 | Transit | Fredericksburg Line Peak Period Service Expansion | Improve frequencies to 15-min. peak period and new reverse peak period service. In support of this improvement: a. Purchase additional rolling stock b. Construct/expand VRE equipment storage and maintenance facilities c. Rail Line capacity improvements d. Station/Parking Access improvements e. ITS/TSM improvements. |
| 63 | 326 | Transit | Manassas Line Peak Period Service Expansion | Improve frequencies to 15-min. peak period and new reverse peak period service. In support of this improvement: a. Purchase additional rolling stock b. Construct/expand VRE equipment storage and maintenance facilities c. Rail Line capacity improvements d. Station/Parking Access improvements e. ITS/TSM improvements. |
| 64 | 330 | Transit | Fairfax County Express Bus, Reston / Franconia-Springfield | Implement express bus service along VA 286 Fairfax County Parkway between Reston Metro and Franconia-Springfield Metro |
| 65 | 331 | Transit | Tysons Express Bus | Implement express bus service between Tysons and Huntington Metro, and Tysons and Franconia-Springfield Metro. |

Segment 10-1: Braddock Road/VRE Manassas — Rt. 28 to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 66 | 336 | Roadway | Braddock Road Intersection Improvements: Guinea Road to Ravensworth Road | Task Force voted to improve selected intersection only from Guinea Road to Ravensworth Road. Project includes access mgmt, intersection improvements, signalization, and pedestrian improvements |
| 67 | 337 | Roadway | Fairfax County Parkway / Shirley Gate Extension Interchange | Construct grade-separated interchange at Fairfax County Parkway and extension of Shirley Gate Dr |
| 68 | 339 | ITS/ICM | I-95 ITS/ICM Improvements | Implement intelligent transportation systems, adaptive traffic control, and hard shoulder lanes on I-95 |
| 69 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 70 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 71 | 343 | Transit | VRE Express Service - Fredericksburg Line | Implement peak period express service on VRE Fredericksburg Line: - One express train and three local trains per hour during AM and PM peak periods - Stops at Spotsylvania, Leeland Rd, Woodbridge, Alexandria, Crystal City, L'Enfant, and Union Station |
| 72 | 344 | Transit | VRE Express Service - Manassas Line | Implement peak period express service on VRE Manassas Line: - One express train and three local trains per hour during AM and PM peak periods - Stops at Broad Run, Manassas Park, Burke Centre, Alexandria, Crystal City, L'Enfant, and Union Station |
| 73 | 347 | Roadway | VA-28 Reversible HOV Lanes | Implement reversible HOV lanes on VA-28 between I-66 and the Dulles Toll Road during AM and PM peak periods |
| 74 | 350 | Transit | US 29 BRT | Implement BRT service on US 29 Lee Highway in a dedicated lane where facility is six lanes. |
| 75 | 353 | Transit | Van Dorn Intermodal Facility | Construct Intermodal facility in the vicinity of Van Dorn Metro station to facilitate transfers between Metrorail, West End Transitway, and local transit service. |

Segment 10-1: Braddock Road/VRE Manassas — Rt. 28 to I-495

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 76 | 354 | Roadway | I-495 Express Lanes - Springfield to Wilson Bridge | Extend I-495 Express Lanes from Springfield across Wilson Bridge into Maryland |
| 77 | 355 | Roadway | I-495 / I-395 Lane Restrictions | Implement lane restrictions for commercial trucks on I-495 and I-395 |
| 78 | 357 | Roadway | Braddock Rd Widening, VA-28 to County Line | Widen Braddock Rd to four lanes between VA-28 and the Fairfax County Line |
| 79 | 358 | Roadway | Euclid Avenue Extension | Extend four lane Euclid Avenue north from Prescott Ave to Route 28 south of Bull Run |

Segment 10-2: Columbia Pike/Braddock Road — I-495 to Pentagon

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 1 | 1 | Transit | VA 7 Transit: Tysons - Mark Center | Construct Bus Rapid Transit line along VA 7 between Tysons and Mark Center with a connection to East Falls Church Metrorail Station |
| 2 | 4 | Roadway | VA 7 Widening, Seven Corners to Bailey's Crossroads | Widen VA 7 from four to six lanes between Seven Corners and Bailey's Crossroads |
| 3 | 12 | Bike/Ped | Leesburg-Alexandria VA 7 Trail | Construct trail along VA 7 from Leesburg to Alexandria |
| 4 | 22 | Bike/Ped | Bike Lanes Route 7 - Alexandria to Seven Corners | Construct protected bike lanes on both sides of VA 7 between Alexandria and Seven Corners. Connect with City of Falls Church's bicycle network. |
| 5 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |
| 6 | 46 | Roadway | US 50 Widening, City of Fairfax to Arlington County | Widen US 50 inside the Beltway from 4 to 6 lanes from City of Fairfax to Arlington County. The project would include intersection improvements, including signalization improvements, and pedestrian and bike facilities |
| 7 | 49 | Transit | US 29 / US 50 Priority Bus | Implement priority bus service along US 29 and US 50 between Fair Oaks and Washington DC. |

Segment 10-2: Columbia Pike/Braddock Road — I-495 to Pentagon

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 8 | 60 | Bike/Ped | Arlington Regional Trail Network | <p>Provide dedicated bike facilities, bikesharing and key sidewalk improvements on north-south corridors in Arlington to connect major east-west corridors with each other. Example corridors includes Carlin Springs Road, Walter Reed Drive/Fillmore Street, Harrison St, Washington Blvd, Rt 110, and others. Network also includes:</p> <ul style="list-style-type: none"> -Trail parallel to Washington Blvd between Arlington Blvd and Columbia Pike -Rehab of Custis Trail to current VDOT shared used path design and construction specifications in Rosslyn -Extension of Custis Trail north of I-66 between Kennebec and Quantico -Long Bridge Park Esplanade extension to Mt Vernon Trail -Arlington Blvd trail -Theodore Roosevelt Bridge connection to Mt Vernon Trail and Marine Corps War Memorial -Dedicated cycling facility along the Route 50 service road (south side), between N. Rhodes St. and N. Meade St. -Expansion of Arlington bicycle commuter routes: Bluemont Junction Trail, Custis |
| 9 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 10 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 11 | 63 | Transit | Route 50 Express Bus | Improve Route 50 - Orange Line bus connections. |

Segment 10-2: Columbia Pike/Braddock Road — I-495 to Pentagon

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 12 | 65 | Transit | Duke Street Transitway | Construct a four-mile segment of the high-capacity transitway on Duke Street within Alexandria. Reconstruct Duke Street from Wheeler Ave to Jordan St w/ a center left-turn lane. Construct bicycle and pedestrian improvements along corridor. The first phase would create dedicated transit lanes in existing six-lane sections of Duke Street between Landmark Mall and Jordan Street and between Roth Street and Diagonal Road. Between Jordan Street and Roth Street, transit would operate in mixed flow. |
| 13 | 68 | Roadway | Little River Turnpike Widening | Widen Little River Turnpike (VA 236) from 4 to 6 lanes between City of Fairfax and I-395 |
| 14 | 71 | Transit | Merrifield-Tysons BRT / LRT | Construct enhanced transit service (BRT/LRT) between Fairfax Hospital in Merrifield to Tysons. Includes 6 lanes (4 GP + 2 Transit) on Gallows Rd. |
| 15 | 76 | Roadway | Crystal City, Pentagon City, Potomac Yard Street Grid Improvements | Construct an improved grid network of streets in Crystal City, Pentagon City, and Potomac Yard |

Segment 10-2: Columbia Pike/Braddock Road — I-495 to Pentagon

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 16 | 78 | Transit | DASH Transit Service Enhancements and Expansion | DASH Transit Service Enhancements: including new cross-town services and funding for additional buses to expand service on existing and new routes, circulators and trolleys within and between activity centers and expand bus storage and maintenance facilities; also includes transit stop improvements (bus shelters, real time information signs, bus stop benches, pads for ADA); upgrade to new and/or upgraded regional fare system including new fare collection technology; Provide transit service connection between Eisenhower Metrorail Station and King Street Metrorail Station; Provide transit service connection between Van Dorn Metrorail Station and the Landmark Mall vicinity; Provide east-west transit service between Braddock Rd Metrorail Station and Old Town / King St. Metrorail Station . |
| 17 | 79 | Transit | West End Transitway | Construct a four-mile segment of the dedicated bus lanes between the Van Dorn Metro station and Arlington County. This project will also provide pedestrian and bike facilities in the corridor |
| 18 | 80 | Transit | I-395 Bus Lanes | Construct bus lanes between Pentagon Transit Center and 14th Street using inside shoulders of Rochambeau Memorial Bridge (I-395) |
| 19 | 82 | Transit | Widen Long Bridge | Widen the Long Bridge to 4 tracks to accommodate additional rail capacity for commuter (VRE), intercity (Amtrak, DC2RVA), and freight (CSXT) services. |
| 20 | 84 | Transit | Crystal City Metro Station Multimodal Improvements | Enhance bus docking capacity and passenger facilities at the Crystal City Metro station |
| 21 | 85 | Transit | Crystal City Metro Station Second Entrance | Construct a second entrance to the Crystal City Metro station (near Crystal Drive and 18th Street S) providing connections to Crystal City VRE Station and DCA. |

Segment 10-2: Columbia Pike/Braddock Road — I-495 to Pentagon

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 22 | 86 | Bike/Ped | Alexandria Bike and Ped Trails Construction and Reconstruction | Reconstruct Holmes Run Trail from North Ripley Street to I-395; Construct trails along local streets in the Beauregard Street and Van Dorn Street corridor, this facility will provide a north-south connection to the City's Holmes Run Trail, running east west, and connecting bicycle users to Mark Center corridor; Construct pedestrian and bicycle bridge over Holmes Run at Morgan St; Implement and construct projects in the City's Ped Bike Plan; Construct bicycle improvements along Royal St between Jones Point and Bashford St, include signage, traffic calming |
| 23 | 89 | Transit | US 1 BRT | Construct along US 1 BRT with stations at Beacon Hill, Hybla Valley, Fort Belvoir, Penn Daw, Pohick Rd, Woodlawn, and South County Government and with transit transfer centers at Kingman Rd and Fort Belvoir. Includes US 1 widening between VA 235 and I-495. |
| 24 | 91 | ITS/ICM | I-95/I-395 ICM Program | I-95/I-395 ICM Program: -Multimodal Traveler Information: Integration of roadway, transit, and parking information. -Dynamic Ramp Metering: Upgrade of existing ramp metering system. -Parallel Arterial Operations Improvements: Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-95 corridor (including US 1 and Telegraph Rd) -Parking Management: Expansion of pilot program to additional PNR lots. -Decision Support System: Software system to support corridor management activities across multiple facilities and modes. |

Segment 10-2: Columbia Pike/Braddock Road — I-495 to Pentagon

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 25 | 97 | Transit | Columbia Pike Priority Transit Network (PrTN) | Provide priority transit service from Skyline to Crystal City via Pentagon City, including limited-stop bus service, improved headways, and 24 transit stations. |
| 26 | 98 | Transit | VA 236 Bus Priority, Alexandria to Fairfax | Implement bus priority service on VA 236 between Alexandria and Fairfax. |
| 27 | 100 | Transit | Metrorail Fleet Expansion | Expand Metrorail fleet to enable operations of 100 percent eight-car trains during peak period. Expansion, upgrades, and replacements of the rail car fleet, traction power substations, power cabling, third rail, train control systems, and storage facilities. |
| 28 | 101 | Bike/Ped | Columbia Pike Corridor urban bike/ped network | Improve bicycle and pedestrian infrastructure in and around the Columbia Pike corridor, including bikeways, bikesharing, and key sidewalk improvements, to convert SOV trips to, within, and between activity center areas from car to bike/pedestrian. Includes parallel bike routes along 9th St, 11th St, and 12th in the vicinity of Columbia Pike. |

Segment 10-2: Columbia Pike/Braddock Road — I-495 to Pentagon

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|-----------------------|---|
| 29 | 102 | Bike/Ped | Arlington TDM Package | <p>Improve and expand the commuter assistance and other programs provided by Arlington County Commuter Services. Includes new commuter stores and next generation IT services, implementation of transportation system management and communication upgrade throughout the County, and improvements to traveler information via creation or expansion of informational, wayfinding, alert, or real-time signs providing information on multimodal transportation options.</p> <p>Develop a system of coordinated mobility hubs along major corridors to fully integrate transit, bikesharing, carsharing, ridesharing, pedestrians, bicycling, ride hailing and other shared use services. Develop, coordinate, implement, and/or expand shared-ride and ride-hailing services for first mile/last mile connections to transit and mobility hubs as well as to activity centers, parking, and pick-up hotspots. Includes support for autonomous vehicles, casual carpooling, on-demand services</p> |

Segment 10-2: Columbia Pike/Braddock Road — I-495 to Pentagon

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 30 | 103 | ITS/ICM | Arlington ITS Projects | Implement intelligent transportation systems and adaptive traffic control system on regional corridors within Arlington County, including: <ul style="list-style-type: none"> - Enhancement of Traffic System and Technology to a Smart Traffic Signal system; - Installation of Intelligent Transportation System (ITS) and corresponding Adaptive Traffic Control System program on US 29 Lee Highway to better manage traffic flow. Includes additional Bluetooth devices, count stations, CCTV cameras, and FLIR detectors and upgraded signals for better-timed connection with I-66; - Reconstruction of traffic signals to meet current standards, including upgrade from span wire to mast arm |
| 31 | 104 | Transit | Metro station access and capacity improvements | Construction of station access and capacity improvements at: Rosslyn, Pentagon, Vienna, Foggy Bottom, Farragut West, McPherson Square, Metro Center, L'Enfant Plaza, and Union Station. Also includes station area lighting and customer amenities. |
| 32 | 105 | Transit | Metrobus Priority Corridor Network Plan | PCN Improvements will include improved transit signal priority and exclusive bus lanes, increased frequency and span of service. Improved customer information, expanded fare payment options, enhanced bus stops and facilities. Metrobus service improvements on these routes: CC-PY{9A, E, S, X}; Leesburg Pike{28A, 28X, 28F, G, T}; Little River Tpke/Duke St{29K, N, 29C, E, H} |

Segment 10-2: Columbia Pike/Braddock Road — I-495 to Pentagon

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|---|
| 33 | 112 | Bike/Ped | Crystal City Corridor Urban Ped/Bike Network | Improve bicycle and pedestrian infrastructure in and around Arlington's Blue/Yellow Metro corridor, including bikeways, bikesharing, and key sidewalk improvements, to convert SOV trips to, within, and between Metro station areas from car to bike/pedestrian, and to enable access to/from Metro stations to high-density housing and job centers. |
| 34 | 113 | ITS/ICM | Alexandria ITS Projects | Funding for transportation technologies to improve system efficiencies in the City of Alexandria, Real-Time Adaptive Control and Data Management System - Build out and improve Traffic Signal System with fiber-optics; transit signal priority |
| 35 | 115 | Transit | VRE Fredericksburg and Manassas Line Off-peak Service | Run bi-hourly trains during midday period between peaks on both Manassas and Fredericksburg Lines |
| 36 | 116 | Transit | Implement integrated regional rail service / VRE-MARC run-through service | Implement run-through service by integrating intercity rail service with MARC and AMTRAK |
| 37 | 117 | Transit | Metroway - Pentagon City Extension | Construct extension of Metroway to Pentagon City, which includes reconfiguration of 12th Street S between S Eads St and S Clark St for exclusive transit lanes. Removal of obsolete section of Clark St and realignment of Clark St with Bell St to improve street network. Intersection improvements around 23rd St S and US 1. Implement Complete Street improvements to Army Navy Drive. |
| 38 | 122 | Transit | ART Service Restructuring and Expansion | Purchase of buses in support of Arlington Transit (ART) service restructuring and expansion. Includes implementation of priority bus service on Glebe Road between Marymount University and Potomac Yard Metro via Ballston. |
| 39 | 127 | Transit | Blue and Yellow Line Bus Facility Improvements | Expand and improve bus bays, passenger facilities, and bus circulation and access paths at all Yellow and Blue Line stations and transit centers in the I-395/ US-1 corridor |

Segment 10-2: Columbia Pike/Braddock Road — I-495 to Pentagon

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|---|--|
| 40 | 193 | Transit | Alexandria Bus Network ITS | Install Automatic Vehicle Location (AVL) technology on DASH bus to provide real-time arrival info, computer-aided dispatch, automated passenger counters (APC) and automated garage mapping system. |
| 41 | 194 | Transit | Landmark Transit Station Improvements | Construct a transit center on the Landmark Mall site, construct transit commuter hub or kiosk at the future West End Transit Center |
| 42 | 196 | Roadway | West End Alexandria Roadway Improvements | Construct a multimodal bridge from Van Dorn Metro station to Pickett Street; Extend Library Ln North to Connect with Van Dorn St; ellipse at Beauregard and Seminary; Replace shared left/thru turn lanes along NB and SB Van Dorn St with separate left turn lanes; add protected, permissive left turn lane along NB and SB Van Dorn; Widen Van Dorn St Bridge over Duke St to accommodate pedestrians; Replace shared left/thru turn lanes along NB and SB Van Dorn St with separate left turn lanes; Construct new roadway along Fairfax County Line to connect Edsall Rd, S Pickett St, Farrington Ave; Intersection improvements along Van Dorn Street at Eisenhower, Edsall, Pickett; Straightening Eisenhower; New High Street Addition and Bridge as part of Alexandria's Landmark Van Dorn Area Plan |
| 43 | 199 | Transit | New Central/East County to Pentagon/DC OmniRide | Implement new transit route between Central East Prince William County, Pentagon, and downtown DC via the I-95 HOV lanes. Requires 4 additional buses. |
| 44 | 210 | Roadway | Widen auxiliary lanes along I-495 | Widen auxiliary lanes along various segments of I-495 from north of Hemming Ave Underpass to Georgetown Pike. Reconstruct the I-495 auxiliary lane from VA 7 to I-66 |

Segment 10-2: Columbia Pike/Braddock Road — I-495 to Pentagon

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 45 | 291 | Transit | Arlington mobility hubs | Develop a system of coordinated mobility hubs along major corridors to fully integrate transit, bikesharing, carsharing, ridesharing, pedestrians, bicycling, ride hailing and other shared use services; |
| 46 | 292 | Transit | Off-vehicle fare collection | Develop a system of off board fare collections for ART and WMATA buses. |
| 47 | 296 | Roadway | 14th Street Bridge HOT lanes | DC project to implement HOT on 14th St Bridge |
| 48 | 297 | Transit | Increase off-peak transit service on I-95 Corridor | Add bus trips to the existing service: Lake Ridge-DC, Lake Ridge-Pentagon/Crystal City; Dale City/Potomac Mills-Pentagon/Crystal City; Dale City/Potomac-Mills/Rosslyn/Ballston; Montclar/Dumfries-Pentagon/DC; Montclair/Dumfries-Pentagon; Dale City/Potomac Mills-Mark Center |
| 49 | 299 | Transit | VRE Alexandria-DC Rail Capacity Improvements | Construct fourth track LE to VA Construct fourth track RO to AF Alexandria track 1 access/ Slater's Lane crossover Construct Washington Union Station station/access improvements Construct VRE L'Enfant station/access improvements Construct VRE Crystal City station/access improvements |

Segment 10-2: Columbia Pike/Braddock Road — I-495 to Pentagon

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 50 | 301 | Transit | VRE Manassas Line Rail Capacity Enhancements | <p>1. Increase frequencies to 20-min in peak period. In support of this improvement:</p> <ul style="list-style-type: none"> a. Construct track capacity enhancements (additional track and capacity improvements) from Alexandria/AF to Manassas Line terminus, including existing Broad Run VRE station. b. Purchase additional rolling stock in support of 8-car trains and peak service improvements (TIP reflects purchases for 8-car trains in peak hour, additional needed beyond CLRP commitment). c. Construct/expand VRE equipment storage and maintenance facilities in Manassas and midday storage in Washington, D.C. d. Construct station/platform, parking and access improvements at VRE Manassas Line stations, including expand existing Broad Run VRE station/parking/access. e. Improve information sharing through ITS/TSM enhancements for improved communications. <p>Rail improvements in support of I-81 / US-29 Intercity Passenger Rail (DRPT/AMTRAK)</p> |
| 51 | 317 | Transit | Pentagon City Metrorail 2nd Entrance | Construct 2nd elevator entrance adjacent to Fashion Center Mall |
| 52 | 319 | Transit | Crystal City Bus Improvements | Improving bus circulation, operations, and safety in the Crystal City area. |
| 53 | 326 | Transit | Manassas Line Peak Period Service Expansion | <p>Improve frequencies to 15-min. peak period and new reverse peak period service. In support of this improvement:</p> <ul style="list-style-type: none"> a. Purchase additional rolling stock b. Construct/expand VRE equipment storage and maintenance facilities c. Rail Line capacity improvements d. Station/Parking Access improvements e. ITS/TSM improvements. |
| 54 | 331 | Transit | Tysons Express Bus | Implement express bus service between Tysons and Huntington Metro, and Tysons and Franconia-Springfield Metro. |

Segment 10-2: Columbia Pike/Braddock Road — I-495 to Pentagon

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 55 | 336 | Roadway | Braddock Road Intersection Improvements: Guinea Road to Ravensworth Road | Task Force voted to improve selected intersection only from Guinea Road to Ravensworth Road . Project includes access mgmt, intersection improvements, signalization, and pedestrian improvements |
| 56 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 57 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 58 | 343 | Transit | VRE Express Service - Fredericksburg Line | Implement peak period express service on VRE Fredericksburg Line: - One express train and three local trains per hour during AM and PM peak periods - Stops at Spotsylvania, Leeland Rd, Woodbridge, Alexandria, Crystal City, L'Enfant, and Union Station |
| 59 | 344 | Transit | VRE Express Service - Manassas Line | Implement peak period express service on VRE Manassas Line: - One express train and three local trains per hour during AM and PM peak periods - Stops at Broad Run, Manassas Park, Burke Centre, Alexandria, Crystal City, L'Enfant, and Union Station |
| 60 | 352 | Transit | ART Service Improvements | Increase ART service on crowded corridors in Arlington County, supported by capacity increases at Heavy Maintenance / Bus Parking facilities |
| 61 | 355 | Roadway | I-495 / I-395 Lane Restrictions | Implement lane restrictions for commercial trucks on I-495 and I-395 |
| 62 | 356 | Transit | MARC / VRE Crossover Service | Implement MARC Crossover service to Alexandria and points south and west and VRE Crossover service to destinations including New Carrollton, College Park, and points north via Union Station during AM and PM peak hours |

Segment 11-1: US 50 — Fauquier County Line to City of Fairfax

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 1 | 14 | Transit | Transit Connections to Silver Line Phase II Stations | Expand bus service and connections to Silver Line Phase II stations. Provide feeder bus service between Metrorail and P&R lots. Purchase buses for new service. |
| 2 | 27 | Roadway | VA 28 Widening, I-66 to Loudoun | Widen VA 28 to 10 lanes between I-66 and Loudoun County (8 GP + 2 HOV) |
| 3 | 29 | Roadway | Centreville Rd Widening | Widen VA 657 (Centreville Road) to six lanes between Herndon Pkwy and Walney Rd |
| 4 | 32 | Transit | VA 28 LRT/BRT | Construct LRT / BRT line parallel to VA 28 from Manassas to Dulles Airport |
| 5 | 33 | Bike/Ped | VA 28 Trail | Construct a shared used path on both sides of VA 28 from Prince William County line to Dulles Toll Road |
| 6 | 42 | Transit | Fairfax County Pkwy Priority Bus Service | Implement priority bus service on Fairfax County Parkway between Herndon/Monroe Metrorail station and Ft. Belvoir |
| 7 | 45 | Transit | Vienna Metro Feeder Bus Service Expansion | Add new routes* and improve service levels on existing routes that serve the Vienna Metrorail station |
| 8 | 48 | Transit | Extend High Capacity Transit to Centreville | Extend High Capacity transit from Metrorail to Centreville Potential modes include LRT, BRT, or improved bus service on corridor between stations. Construction of stations and PNR lots at Centreville, Stringfellow, and Government Center / Fair Oaks, and a station serving the City of Fairfax. |
| 9 | 49 | Transit | US 29 / US 50 Priority Bus | Implement priority bus service along US 29 and US 50 between Fair Oaks and Washington DC. |
| 10 | 55 | Bike/Ped | US 29 trail | Construct a trail along US 29 from Dixie Hill Rd to EFC Metrorail Station |
| 11 | 56 | Roadway | Widen VA 123, Fairfax to Vienna | Widen VA 123 to six lanes between City of Fairfax and Town of Vienna |

Segment 11-1: US 50 — Fauquier County Line to City of Fairfax

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 12 | 61 | ITS/ICM | East-West ICM Program: Parallel Arterial Operations Improvements | Deployment of intelligent signal monitoring/control technology to improve travel on parallel routes in the I-66 corridor, including the deployment of intelligent signal monitoring/control technology to improve travel on east-west arterial facilities, including US 29, US 50, VA 7, and VA 236. |
| 13 | 62 | ITS/ICM | Connected Vehicle/Traffic Signal Integration Deployment | Traffic signal software integration to support future connected vehicle applications on multiple corridors including: I-66, I-495, US 29, US 50, and VA 7 |
| 14 | 65 | Transit | Duke Street Transitway | Construct a four-mile segment of the high-capacity transitway on Duke Street within Alexandria. Reconstruct Duke Street from Wheeler Ave to Jordan St w/ a center left-turn lane. Construct bicycle and pedestrian improvements along corridor. The first phase would create dedicated transit lanes in existing six-lane sections of Duke Street between Landmark Mall and Jordan Street and between Roth Street and Diagonal Road. Between Jordan Street and Roth Street, transit would operate in mixed flow. |
| 15 | 95 | Roadway | VA 123 Widening, Braddock Rd to Fairfax | Widen VA 123 to six lanes between City of Fairfax and Braddock Rd |
| 16 | 98 | Transit | VA 236 Bus Priority, Alexandria to Fairfax | Implement bus priority service on VA 236 between Alexandria and Fairfax. |
| 17 | 99 | Transit | VA 123 Priority Bus Service | Add bus priority service on VA 123 to serve Tysons. |
| 18 | 105 | Transit | Metrobus Priority Corridor Network Plan | PCN Improvements will include improved transit signal priority and exclusive bus lanes, increased frequency and span of service. Improved customer information, expanded fare payment options, enhanced bus stops and facilities. Metrobus service improvements on these routes: CC-PY{9A, E, S, X}; Leesburg Pike{28A, 28X, 28F, G, T}; Little River Tpke/Duke St{29K, N, 29C, E, H} |

Segment 11-1: US 50 — Fauquier County Line to City of Fairfax

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|---|
| 19 | 109 | Transit | Loudoun County Phase III Bus Service | Implement Phase III bus service in Loudoun County, including local, express, intercounty, commuter, and demand-response services |
| 20 | 119 | Roadway | Construct Northstar Blvd from Shreveport Dr to US 50 | Construct 4 lane Northstar Blvd facility from Shreveport Dr to US 50 |
| 21 | 131 | Transit | US 50 Dulles Park and Ride Lot | Construct/expand US 50 Dulles Park and Ride Lot east of Loudoun County Pkwy. Anticipated capacity is 250 spaces. |
| 22 | 134 | Roadway | Fairfax Boulevard Multimodal Improvements | Implement multimodal improvements and improve local connections along Fairfax Boulevard. Enhance transit, ped-bike and roadway facilities and infrastructure. |
| 23 | 135 | Roadway | Jermantown Rd Multimodal Improvements | Implement multimodal improvements and improve local connections along Jermantown Rd. Enhance transit, ped-bike and roadway facilities and infrastructure. Includes widening of Jermantown Road to four lanes south of the I-66 bridge as well as extension of Government Center Parkway. May include participation with Fairfax County on widening of bridge over I-66. |
| 24 | 136 | Roadway | VA 123 Multimodal Improvements | Implement multimodal improvements, improve intersections and local connections, and improve transit service along VA 123. Enhance transit, ped-bike and roadway facilities and infrastructure. |
| 25 | 137 | Roadway | Old Lee Highway Multimodal Improvements | Implement multimodal improvements along Old Lee Highway. Enhance transit, ped-bike and roadway facilities and infrastructure. |
| 26 | 138 | Bike/Ped | Fairfax Citywide Bike-Ped Access | Improve on- and off-road bike and pedestrian facilities, routes, and infrastructure along and adjacent to City of Fairfax corridors to provide better access to Metrorail and regional trails. Expand bikeshare, bike storage, and signage. Includes the extension of the George Snyder Trail. |

Segment 11-1: US 50 — Fauquier County Line to City of Fairfax

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 27 | 139 | Roadway | Northfax Network Improvements | Improved connections and circulation for all modes in the Northfax node. Improvements to and along Fairfax Boulevard in the vicinity of the Northfax intersection including ped-bike safety, local access, upgraded infrastructure and new routes. Improve vehicular circulation, access and movements in proximity to the Northfax intersection (Routes 29/50/123). Includes extension of University Drive. |
| 28 | 141 | Roadway | Northfax Intersection Improvements | Geometric improvements to intersection including extension of a 3rd northbound lane on Route 123 from Route 29/50 to Eaton Place, the addition of a dual left turn from southbound Route 123 to eastbound Route 29/50, the correction of substandard existing lane shifts within the project limits, the extension of turn lanes, and access management improvements where feasible. Also includes a new drainage system, including a major culvert. |
| 29 | 142 | Transit | Transit Enhancements, City of Fairfax | Upgrade and construct transit stops and shelters on CUE routes with improved facilities, design, technology, and/or ped-bike access. Expand transit service and purchase additional buses. |
| 30 | 156 | Roadway | Construct Arcola Blvd | Construct Arcola Blvd between Loudoun County Pkwy (VA 607) (near intersection of Arcola Rd and Old Ox Rd) and US 50 (John Mosby Highway) - 6 lanes. Construct grade-separated interchanges at Loudoun County Pkwy and US 50. |
| 31 | 159 | Roadway | Widen Dulles West Blvd from VA 606 to VA 659 | Widen Dulles West Blvd (formerly Glascock Blvd) from 4 to 6 lanes between Loudoun County Pkwy (VA 606) and Arcola Blvd. Construct a four lane facility between Arcola Blvd and Northstar Blvd (VA 659 relocated). |
| 32 | 160 | Roadway | Extend Dulles West Blvd | Construct Dulles West Blvd (formerly Glascock Blvd) between Northstar Blvd (VA 659 Relocated) and Lenah Loop Rd: Construct a 2-lane roadway. |

Segment 11-1: US 50 — Fauquier County Line to City of Fairfax

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 33 | 165 | Roadway | Widen US 50, Northstar Blvd to Lenah Loop Rd | Widen US 50 (John Mosby Highway) to 4 lanes between Northstar Blvd (VA 659 relocated) and Lenah Loop Rd. Construct a new interchange at VA 659 Relocated (Northstar Blvd). |
| 34 | 168 | Roadway | Widen Loudoun County Pkwy, Old Ox Rd to US 50 | Widen Loudoun County Parkway to 8 lanes between Old Ox Rd (VA 606) and US 50 (John Mosby Highway). Construct grade-separated interchanges at Old Ox Rd and US 50 and explore other grade-separated interchanges. Study alternative uses (bus lanes, HOV) along the corridor. |
| 35 | 169 | Roadway | Widen Loudoun County Pkwy, US 50 to Braddock Rd | Widen Loudoun County Pkwy from 4 to 6 lanes between US 50 (John Mosby Highway) and Braddock Rd (VA 620) and construct grade-separated interchange at US 50. |
| 36 | 178 | Roadway | Widen Evergreen Mills Rd, VA 606 to VA 659 | Widen Evergreen Mills Rd (VA 621) from 2 to 4 lanes between Loudoun County Pkwy (VA 606) and Northstar Blvd (VA 659). |
| 37 | 187 | Roadway | Widen Northstar Blvd from Belmont Ridge Rd to Braddock Rd | Widen/Construct Northstar Blvd (VA 659) to 6 lanes from Belmont Ridge Rd (VA 659) to Braddock Rd (VA 620). Construct grade-separated interchange at US 50. Potential grade-separation at Evergreen Mills Road. |
| 38 | 200 | Transit | New Manassas to Dulles OmniRide | Implement new transit service from Manassas to Dulles Airport via Route 28. Requires additional 4 buses. |
| 39 | 201 | Transit | New Gainesville / Haymarket to Dulles OmniRide | Implement new transit service from Gainesville and Haymarket to Dulles Airport via I-66 HOV lanes and Route 28. Requires 2 additional buses. |
| 40 | 216 | Roadway | Widen US 29, VA 665 to Pickwick Rd | Widen US 29 from 4 to 6 lanes from Waples Mill Rd to Pickwick Road |
| 41 | 222 | Roadway | Widen/upgrade/convert VA 286 Fairfax County Parkway to include HOV lanes | Widen/upgrade/convert VA 286 Fairfax County Parkway to include HOV lanes from VA 267 Dulles Toll Road to I-66. |

Segment 11-1: US 50 — Fauquier County Line to City of Fairfax

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--|--|
| 42 | 226 | Roadway | Construct VA 234 Bypass North, I-66 to US 50 | Construct VA 234 Bypass North (Bi-County Parkway) from I-66 to US 50. Close US 29 from Pageland Lane to the bridge over Bull Run and close VA 234 Sudley Road from the southern park boundary to the northern park boundary. |
| 43 | 307 | Roadway | US 15 "hot spot" and safety improvements | "Hot Spot" and safety improvements on US 15 from the Prince William County Line to the Maryland State Line, as directed by the Board. |
| 44 | 310 | Roadway | US 50 Widening / Interchanges | Widen US 50 (John Mosby Highway) to 6 lanes from Poland Rd to Northstar Blvd. Construct new interchanges at/near VA 2200 (Tall Cedars Parkway), VA Route 2201 (South Riding Blvd), VA 606 (Loudoun County Parkway), VA 606 Extended (Arcola Blvd/West Spine Rd), and VA 659 Relocated (Northstar Blvd). Potential grade-separation (interchange or overpass) at VA 609 (Pleasant Valley Road). |
| 45 | 311 | Roadway | Widen Belmont Ridge Road | Widen Belmont Ridge Road (VA 659) to 4 lanes from Shreveport Drive to Evergreen Mills Road (VA 621). |
| 46 | 313 | Transit | Transit buses purchase | Purchase of buses in support of Loudoun County's transit services. |
| 47 | 314 | Roadway | US 50 Improvements | Improvements along US 50 (John Mosby Highway/Washington Street) from the Fairfax County Line to the Fauquier County Line. |
| 48 | 330 | Transit | Fairfax County Express Bus, Reston / Franconia-Springfield | Implement express bus service along VA 286 Fairfax County Parkway between Reston Metro and Franconia-Springfield Metro |
| 49 | 340 | ITS/ICM | Northern Virginia ITS/ICM Improvements | Implement ITS and integrated corridor management strategies on key regional corridors and parallel facilities in Northern Virginia. |
| 50 | 341 | TDM | Northern Virginia TDM Strategies | Implement and expand TDM initiatives and programs in major employment centers within Northern Virginia |
| 51 | 347 | Roadway | VA-28 Reversible HOV Lanes | Implement reversible HOV lanes on VA-28 between I-66 and the Dulles Toll Road during AM and PM peak periods |

Segment 11-1: US 50 — Fauquier County Line to City of Fairfax

| Reference Number | TransAction Project ID | Project Type | Project Name | Project Description |
|------------------|------------------------|--------------|--------------------|---|
| 52 | 348 | Transit | Reston Express Bus | Implement Express bus service between Reston Town Center and Fairfax Center via Reston Parkway and West Ox Rd |
| 53 | 350 | Transit | US 29 BRT | Implement BRT service on US 29 Lee Highway in a dedicated lane where facility is six lanes. |