

**NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD
777 North Capitol Street, N.E.
Washington, D.C. 20002**

**RESOLUTION ON INCLUSION OF PROJECT SUBMISSIONS IN THE
AIR QUALITY CONFORMITY ANALYSIS FOR THE
CONSTRAINED ELEMENT OF THE UPDATE TO VISUALIZE 2045 AND THE
FY 2023-2026 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

WHEREAS, the National Capital Region Transportation Planning Board (TPB), as the federally designated metropolitan planning organization (MPO) for the Washington metropolitan area, has the responsibility under the provisions of Fixing America's Surface Transportation (FAST) Act for developing and carrying out a continuing, cooperative and comprehensive transportation planning process for the metropolitan area; and

WHEREAS, the federal metropolitan planning regulations (23 CFR.450) assign TPB the responsibility to cooperatively develop the long-range metropolitan transportation plan (LRTP) and transportation improvement program (TIP) specified in Sections 450.324 and 450.326; and

WHEREAS, the TIP is required by the Federal Transit Administration (FTA) and the Federal Highway Administration (FHWA) as a basis and condition for all federal funding assistance to state, local and regional agencies for transportation improvements within the metropolitan Washington, D.C. planning area; and

WHEREAS, the Statewide and Metropolitan Transportation Planning rule as published in the May 27, 2016 Federal Register by the FTA and FHWA requires that the LRTP and the TIP be reviewed and updated at least every four years; and

WHEREAS, federal conformity regulations, originally published by the Environmental Protection Agency in the November 24, 1993 Federal Register and with latest amendments published in April 2012, based on the federal Clean Air Act (CAA Section 176(c)), require that the metropolitan transportation plan, program and projects in metropolitan areas not in attainment of national ambient air quality standards, demonstrate conformity to the area's state implementation plan; and

WHEREAS, federal conformity regulations require that the conformity analysis of the plan, program and projects be reviewed and updated at least every four years; and

WHEREAS, on October 17, 2018, the TPB adopted resolution R4-2019 determining that the Visualize 2045 Plan and FY 2019-2024 TIP conform with the requirements of the Clean Air Act Amendments of 1990, resolution R5-2019 approving the Visualize 2045 Plan, and resolution R6-2019 approving the FY 2019-2024 TIP, and the Visualize 2045 Plan and FY 2019-2024 TIP were approved by the FTA and FHWA on December 13, 2018; and

WHEREAS, on March 18, 2020, the TPB adopted Resolution R14-2020 determining that the FY 2021-2024 TIP and the 2020 Amendment to the Visualize 2045 Plan conform with the requirements of the Clean Air Act Amendments of 1990, resolution R15-2020 approving the Visualize 2045 Plan, the FY 2019-2024 TIP; and

WHEREAS, the TPB has to complete its four year review and update of the plan, program, and projects along with the conformity analysis and receive federal approval by December 2022, therefore the TPB issued the Technical Inputs Solicitation Submission Guide, approved an update schedule with final plan approval anticipated in June 2022, and asked for inputs and updates to develop the FY 2023-2026 TIP and the updated Visualize 2045 Plan on December 16, 2020; and

WHEREAS, on April 2, 2021, the inputs to the Air Quality Conformity Analysis for the update to Visualize 2045 and the FY 2023-2026 TIP and the Air Quality Conformity Analysis Scope of Work were released for a 30-day public comment period and inter-agency review; and

WHEREAS, the submitted inputs for the update to the Visualize 2045 Plan and the FY 2023-2026 TIP and the Air Quality Conformity Analysis Scope of Work have been reviewed by the Technical Committee at its meetings on March 5, 2021; April 2, 2021; and June 4, 2021; and

WHEREAS, the TPB was briefed on the submissions for the update to the Visualize 2045 Plan and the FY 2023-2026 TIP at its April and May 2021 meetings and two board work sessions were conducted to provide a facilitated review of those inputs; and

WHEREAS, the project submissions for the update to the Visualize 2045 Plan and the FY 2023-2026 TIP have been developed to meet the financial constraint requirements in the Metropolitan Planning Rules and show the consistency of the proposed projects with already available and projected sources of transportation revenues

WHEREAS, the TPB and its member jurisdictions are committed to mitigating climate change through actions to achieve climate goals established by COG and the local government plans;

WHEREAS, the TPB is undertaking a Climate Change Mitigation Study which is expected to identify actions that can be taken to reduce the transportation sector's greenhouse gas emissions and to be complete by the end of 2021.

NOW, THEREFORE, BE IT RESOLVED THAT: the National Capital Region Transportation Planning Board approves:

1. The Air Quality Conformity Analysis Scope of Work, as described in Attachment 1; and
2. The project submissions of the TPB member agencies, listed in tables in Attachment 2, for inclusion in the Air Quality Conformity Analysis for the proposed FY 2023-2026 TIP and update to the Visualize 2045 Plan; and
3. The draft Round 9.2 Cooperative Forecasts of employment, population and households developed by COG's Planning Director's Technical Advisory Committee for use in the Air Quality Conformity Analysis, as described in Attachment 3.

NOW, THEREFORE, BE IT FURTHER RESOLVED THAT: the National Capital Region Transportation Planning Board will initiate a full update to the Long-Range Transportation Plan upon completion and adoption of the Visualize 2045 Plan with a target completion date of 2024, and that—

1. The development of such plan will include the consideration of multiple build scenarios and an analysis of each scenario's impact on the region's adopted goals and targets, including reduction of greenhouse gas emissions;
2. The development of such plan will be based on the concept of 'zero-based budgeting' where all projects, including those currently included in the Plan, must be resubmitted for consideration in such Plan, provided that projects currently under construction or currently funded with federal, state, regional, local or private funds shall be exempt from such requirement; and,
3. TPB will use the above scenario analysis to inform the development of the 2024 and future updates of the Long-Range Transportation Plan.

As revised and adopted by the Transportation Planning Board at its regular meeting on June 16, 2021



June 4, 2021

**AIR QUALITY CONFORMITY ANALYSIS:
2022 UPDATE TO VISUALIZE 2045 & FY 2023-2026 TIP
DRAFT SCOPE OF WORK**

I. INTRODUCTION

The list of projects solicited for the 2022 Update to the Visualize 2045 Long-Range, Transportation Plan (LRTP) and FY 2023-2026 Transportation Improvement Program (TIP) is scheduled to be finalized at the June 16, 2021 meeting of the National Capital Region Transportation Planning Board (TPB). This work effort addresses requirements associated with attainment of the ozone National Ambient Air Quality Standards (NAAQS). Volatile organic compounds (VOC) and nitrogen oxides (NOx) are ozone precursor pollutants.

The amended plan must meet air quality conformity regulations: (1) as originally published by the Environmental Protection Agency (EPA) in the November 24, 1993 Federal Register, and (2) as subsequently amended, most recently on March 14, 2012, and (3) as detailed in periodic Federal Highway Administration (FHWA) / Federal Transit Administration (FTA) and EPA guidance. These regulations specify both technical criteria and consultation procedures to follow in performing the assessment.

This scope of work provides a context in which to perform the conformity analyses and presents an outline of the work tasks required to address all regulations currently applicable.

II. FEDERAL REQUIREMENTS

As described in the 1990 Clean Air Act Amendments, conformity is demonstrated if transportation plans and programs:

1. Are consistent with most recent estimates of mobile source emissions budgets
2. Provide expeditious implementation of Transportation Control Measures (TCMs)
3. Contribute to annual emissions reductions

The federal requirements governing air quality conformity compliance are contained in §93.110 through §93.119 of the Transportation Conformity Regulations (printed April 2012), as follows:

CONFORMITY CRITERIA & PROCEDURES	
All Actions at all times	
§93.110	Latest Planning Assumptions
§93.111	Latest Emissions Model
§93.112	Consultation
§93.113	TCMs
§93.114	Currently conforming Plan and TIP
§93.115	Project from a conforming Plan and TIP
§93.116	CO, PM10 and PM2.5 hot spots
§93.117	PM10 and PM2.5 Control Measures
§93.118 and/or §93.119	Emissions Budget and/or Interim Emissions

§ 93.110 Criteria and procedures: Latest planning assumptions - The conformity determination must be based upon the most recent planning assumptions in force at the time of the conformity determination.

§ 93.111 Criteria and procedures: Latest emissions model - The conformity determination must be based on the latest emission estimation model available.

§ 93.112 Criteria and procedures: Consultation – The conformity must be determined according to the consultation procedures in this subpart and in the applicable implementation plan, and according to the public involvement procedures established in compliance with 23 CFR part 450.

§ 93.113 Criteria and procedures: Timely implementation of TCMs - The transportation plan, TIP, or any FHWA/FTA project which is not from a conforming plan and TIP must provide for the timely implementation of TCMs from the applicable implementation plan.

§93.114 Criteria and procedures: Currently conforming transportation plan and TIP - There must be a currently conforming transportation plan and currently conforming TIP at the time of project approval.

§93.115 Criteria and procedures: Projects from a plan and TIP - The project must come from a conforming plan and program.

§93.116 Criteria and procedures: Localized CO, PM10, and PM2.5 violations (hot spots) -The FHWA/FTA project must not cause or contribute to any new localized CO, PM10, and/or PM2.5 violations or increase the frequency or severity of any existing CO, PM10, and /or PM2.5 violations in CO, PM10, and PM2.5 nonattainment and maintenance areas.

§93.117 Criteria and procedures: Compliance with PM10 and PM2.5 control measures -The FHWA/FTA project must comply with PM10 and PM2.5 control measures in the applicable Implementation Plan.

§93.118 Criteria and procedures: Motor vehicle emissions budget - The transportation plan, TIP, and projects must be consistent with the motor vehicle emissions budget(s).

§93.119 Criteria and procedures: Interim emissions in areas without motor vehicle budgets - The FHWA/FTA project must satisfy the interim emissions test(s).

Assessment Criteria:

Ozone season pollutants will be assessed by comparing the forecast year pollutant levels to the mobile emissions budgets in the 2008 Ozone NAAQS¹ Maintenance Plan. In August 2018 EPA found these budgets adequate for use in conformity analyses, and the budgets were used in the 2020 Amendment to Visualize 2045 conformity analysis. The 2008 Ozone NAAQS Maintenance Plan includes mobile emissions budgets for 2014 (attainment year), 2025 (intermediate year), and 2030 (out year). The 2014 budgets will be used for any analysis year between 2014 and 2024, the 2025 budgets will be used for any analysis year between 2025 and 2029, and the 2030 budgets will be used for any analysis year beyond 2029.

¹ The region did not develop mobile emissions budgets for the 2015 ozone NAAQS when the region was designated as “marginal” non-attainment because marginal non-attainment areas are not required to develop mobile emissions budgets. Therefore the current mobile emissions budgets are from the 2008 Ozone NAAQS Maintenance Plan.

III. POLICY AND TECHNICAL APPROACH

The table below summarizes the key elements of the Policy & Technical Approach:

Pollutants	Ozone Season VOC and NOx
Emissions Model	MOVES2014b
Conformity Test	<u>Budget Test</u> : Using mobile emissions budgets most recently approved by EPA: 2008 Ozone NAAQS Maintenance Plan mobile budgets found adequate by EPA in August 2018.
Vehicle Fleet Data	July 2020 (DC) ² and December 2020 (MD & VA) vehicle registration data
Geography	8-hour ozone non-attainment area
Network Inputs	Regionally significant projects
Land Activity	Cooperative Forecasts Round 9.2
HOV/HOT	<u>VA</u> : I-95, I-395, and I-495 are all HOT3+; I-66 inside the Beltway will convert from HOT2+ to HOT3+ when I-66 outside the Beltway opens as HOT3+; the Dulles Toll Road will convert from HOV2+ to HOV3+ in 2023; all other HOV facilities will be HOV2+ through 2045 <u>MD</u> : HOV facility on US 50 will remain HOV2+ through 2045; HOV facility on I-270 will convert from HOV2+ to HOT3+ when an additional HOT lane is added; planned additional Capital Beltway express toll lanes will be HOT3+ when added
Roadway Restrictions	Roadway restrictions, such as truck prohibitions, are reflected in the travel model network using information supplied by the Departments of Transportation
Transit Constraint	NO Metrorail “capacity constraint” (removed with March 2018 passage of annual funding for WMATA agreement)
Analysis Years	2021 and/or 2023 or 2024 ³ , 2025, 2030, 2040, and 2045
Modeled Area	6,800 square mile area with 3,722 Transportation Analysis Zones (TAZs)
Travel Demand Model	Gen2/Version 2.4 or latest

² Due to the backlogs in processing new District of Columbia vehicle registrations resulting from COVID-related restrictions, the District of Columbia Department of Energy and Environment (DOEE) staff estimate that the July 2020 dataset is more representative of the number of registered vehicles in December 2020 than the December 2020 dataset.

³ Staff will analyze the region’s attainment date for the 2015 Ozone Standard. It is currently 2021 but may be changed to 2023 or 2024 if the region’s non-attainment designation is changed from “marginal” to “moderate”.

IV. CONSULTATION

The TPB adheres to the specifications of the consultation procedures (as outlined in the consultation procedures report adopted by the TPB on May 20, 1998). The TPB will participate in meetings of the Metropolitan Washington Air Quality Committee (MWAQC), its Technical Advisory Committee (MWAQC-TAC), and its Conformity Subcommittee to discuss the Scope of Work, project inputs, and other elements as needed.

V. WORKTASKS

The work tasks associated with the air quality conformity analysis are as follows:

1. Receive project inputs from programming agencies and organize into conformity documentation listings by:
 - Project type, limits, etc.
 - Phasing with respect to forecast years
 - Transit operating parameters, e.g., schedules, service
2. Update Travel Model Base Transit Service to reflect:
 - Service current to December 2019 (most recent available transit service prior to COVID restrictions)
 - Fares current to March 1, 2021
3. Determine Characteristics of the Motor Vehicle Fleet by Preparing 2020 Vehicle Registration/Vehicle Identification Number (VIN) Data
 - Purchase VIN decoding software
 - Set up and test VIN decoding software
 - Collect and decode VIN data for the District, Maryland, and Virginia
4. Review and Update Land Activity files to reflect Round 9.2 Cooperative Forecasts:
 - Develop zonal data files
 - Ensure consistent definition of employment throughout the modeled area by applying the “employment definition adjustment factors” to the land activity forecasts.
 - Estimate households by auto ownership, size and household income (done as part of the travel model)
 - Coordinate with agencies outside the MWCOG Cooperative Forecast area, e.g., the Baltimore Metropolitan Council (BMC), the Fredericksburg Area Metropolitan Planning Organization (FAMPO), and the Calvert-St. Mary's Metropolitan Planning Organization (C-SMMPO).

- Develop trip tables for exogenous/residual travel: 1) through vehicle trips; 2) external-to-internal and internal-to-external vehicle trip ends; 3) taxi, visitor/tourist and school vehicle trips; and 4) airport-passenger auto-driver trips.
5. Prepare forecast-year highway and transit networks including regionally significant projects, as follows:
 - 2021 (and/or 2023 or 2024), 2025, 2030, 2040, and 2045 highway networks
 - 2021 (and/or 2023 or 2024), 2025, 2030, 2040, and 2045 transit network input files
 - Update highway tolls and transit fares as necessary
 6. Execute travel demand modeling for years 2021 (and/or 2023 or 2024), 2025, 2030, 2040, and 2045
 7. Derive mobile emissions estimates for years 2021 (and/or 2023 or 2024), 2025, 2030, 2040, and 2045 using inputs from the 2008 Ozone NAAQS Maintenance Plan mobile budgets
 8. Summarize key inputs and outputs (VMT, mode share, emissions, etc.) of the conformity determination
 9. Assess conformity and document results in a report
 - Document methods
 - Draft conformity report
 - Forward to technical and policy committees
 - Make available for public and interagency consultation
 - Receive comments
 - Respond to comments and present to TPB for action
 - Finalize report and forward to FHWA, FTA, and EPA

Plan and TIP Update Schedule

2020	12/16/20	The TPB will be asked to approve the Technical Input Solicitation document to initiate the Call for Projects.
	2/12/21	Project inputs for the LRTP and Air Quality Conformity (AQC) analysis due to TPB staff.
2021	3/5/21, 4/2/21	The TPB Technical Committee will review the conformity project inputs table in March and the draft inputs to the Plan and the draft AQC scope of work in April.
	4/2/21-5/3/21	Public comment period on inputs to the Plan/AQC analysis, and AQC scope of work. MWAQC TAC will review this information during the April meeting.
	4/21/2021	TPB will receive a briefing on the draft inputs to the Plan/AQC analysis and the draft AQC scope of work.
	5/19/21	The TPB will receive a summary of the public comments on the draft inputs to the Plan and AQC analysis. The TPB and the agencies sponsoring the projects will have the opportunity to discuss and advise staff on responses.
	6/16/21	The TPB will review responses to comments and updates to inputs to the Plan and scope of work for the AQC analysis. The TPB will be asked to approve the inputs and scope, authorizing staff to begin analysis.
	3/11/22	Transportation Improvement Program (TIP) inputs due for the FY 2023-2026 TIP
2022	4/1/22	The TPB Technical Committee will review the draft results of AQC analysis for the updated Plan and FY 2023-2026 TIP.
	4/1/22 - 5/1/22	Public comment period on the results of AQC analysis Determination for the updated Plan and FY 2023-2026 TIP.
	4/2022	MWAQC and MWAQC TAC will review the draft results of the AQC analysis during their meetings.
	4/20/22	The TPB will review the draft Plan, draft TIP, and AQC analysis and Determination.
	5/18/22	The TPB will review the draft results of the AQC analysis for the Plan and FY 2023-2026 TIP. The TPB will also receive a summary of the comments received on the analysis. The TPB and the agencies sponsoring the projects will have the opportunity to discuss and advise staff on responses to comments.
	6/15/22	The TPB will review the responses to the comments and the results of the AQC analysis. The TPB will be asked to approve the results of the AQC analysis and adopt the updated Plan and the FY 2023-2026 TIP.

**INPUTS TO THE AIR QUALITY CONFORMITY ANALYSIS of
the 2022 UPDATE TO VISUALIZE 2045 and the
TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

District of Columbia TRANSIT projects..... 1

Maryland TRANSIT projects 1

Virginia TRANSIT projects 2

District of Columbia HIGHWAY projects..... 6

Maryland HIGHWAY projects 11

Virginia HIGHWAY projects 22

2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (transit)

6/23/2021

	ConID	Scenario	Improvement	Facility	From	To	Projected	PIT Project ID
							Complete	
DDOT								
1	613	DCSTHST2	Construct	Benning Road Streetcar Extension	Oklahoma Avenue NE	45th Street/Benning Road Metro	2023 2026	5754
2	793	WATEREXT	Implement	DC Circulator Expansion	Navy Yard Route Realignment	36th St.	2018 Complete	6103
3	794	UHOWEXT	Implement	DC Circulator Expansion	Rosslyn to Dupont Circle Route	Extension to U St./Howard University	2018 2026	6103
4			Implement	DC Circulator Realignment	Potomac Ave.	Skyland	2018 Complete	6103
5	822	HIBUS	Implement	H St. NW Peak Period Bus-Only Lanes Pilot Project	19th St NW	14th St NW	2019 Complete	CE3196
6	823	HIBUS	Implement	I St. NW Peak Period Bus Only Lanes Pilot Project	13th St. NW	Pennsylvania Ave. NW	2019 Complete	CE3196
7			Construct	K St. NW Transitway	9th St. NW	21st St. NW	2024 2025	CE3081
8	610	DCSTGTWN	Construct Implement	Union Station/Georgetown Streetcar	K Street/34th Street NW	3rd Street/H Street NE	2030 2040	CE3081
9	989		Implement	16th St. Bus Priority Improvements	H St. NW	Arkansas Ave NW	2020 2022	6638
10			Implement	H St. and I St Bus lanes Phase 2	13th St. NW	Pennsylvania Ave NW	2021	3212
11	7823		Study	7th St. NW Bus Improvements	Massachusetts Avenue	Pennsylvania Ave.	Not Coded	3212
12	7835		Study	H St. NW Bus Improvements	14th St. NW	North Capitol St.	Not Coded	3212
13	7834		Study	Minnesota Avenue SE Bus Improvements	Pennsylvania Avenue SE	East Capitol Street	Not Coded	3212
14	10614		Study	MLK Ave SE Bus Improvements	Good Hope Road	Redwood Street	Not Coded	3212
MDOT/MTA								
15	617	MARCFRQ	Implement	Brunswick Line Service Improvements			2029	CE3427
16	618	MARCFRQ	Implement	Camden Line Service Improvements			2029	CE3427
17	481	CCTBRT	Construct	Corridor Cities BRT	Shady Grove	Comsat	2028 2035	CE1649

NOTE: Shaded areas represent changes from the 2020 Amendment to Visualize 2045.
Orange shading indicates projects removed by TPB at June 16 vote (rows 145-151 and 167-168).

2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (transit)

6/23/2021

	ConID	Scenario	Improvement	Facility	From	To	Projected	PIT Project ID
							Complete	
18	619	MARCFRQ	Implement	Penn Line Service Improvements			2029	CE3427
19	479	PURPLE	Construct	Purple Line Transitway	Bethesda	New Carrollton	2020 2023	2795
20	480	SSTCTR	Construct	Silver Spring Transit Center	Phase II		2017 complete	
Montgomery County								
21	669		Study	Countywide BRT	various corridors		Not Coded	
22		RANDBRT	Implement	Randolph Road BRT	US 29	MD 355	2040	CE3662
23	5062	NBETHBRT	Implement	North Bethesda Transitway BRT	Montgomery Mall Transit Center	White Flint	2035 2030	CE3663
24		MD355BRT	Implement	MD 355 BRT	MD 410 East-West Highway	Clarksburg Rd.	2045 2030	CE3424
25		VEIRSBRT	Implement	Veirs Mill Road BRT	MD 355 Rockville Pike	MD 97 Georgia Ave.	2030 2025	CE3103
26	982	NHBRT	Implement	New Hampshire Ave. BRT	Colesville Park and Ride	Takoma Metro Station	2045	CE3672
27		29BRT	Implement	US 29 BRT	Burtonsville	Silver Spring Transit Center	2020 Complete	CE3423
28	483	MCT7	Construct	Olney Transit Center	adjacent to or north of MD 108		2045	CE1249
29	487	TIGERVEIR	Construct	Veirs Mill Road Bus Enhancement	Rockville	Wheaton	2020 2021	CE1253
VDOT								
30	1028		Construct	Long Bridge	Control Point RO (Arlington) Rosslyn (RO) Interlocking near Long Bridge Park in Arlington, Virginia	L'Enfant (LE) Interlocking near 10th Street SW in the District of Columbia	Not Coded 2030	
31	3680		Construct	VRE 4th Track Project	L'Enfant Interlocking	Virginia Interlocking	2028	CE3758
32	1029		Construct	Alexandria 4th Track Project	Control Point Rosslyn (CFP RO) near milepost 110.1 south of the George Washington Parkway	Control Point Alexandria (CFP AF) near milepost 104.3 south of Telegraph Road	2025 2028	

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2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (transit)

6/23/2021

	ConID	Scenario	Improvement	Facility	From	To	Projected	PIT Project ID
							Complete	
33	1030		Construct	Franconia to Occoquan 3rd Track Project	One mile north of the Franconia-Springfield VRE station (CFP 98.8)	Approximately 400 feet north of Furnace Road, just north of the Occoquan River (CFP 90.08)	2028	
34			Construct	Broad Run Expansion- 3rd Track Project	Broad Run	Manassas (Wellington Road)	2025	CE2420
35	504	VREFREQ	Implement	VRE Service Improvements (Reduce Headways) - associated with 3rd and 4th Track Projects	Fredericksburg and Manassas lines		2028 2035	CE2832
36	795	US1VABUS	Widen	US 1 (bus/right-turn lanes)	VA 235 North	SCL Alexandria (I-95 Capital Beltway)	2035	CE1942
37	861		Construct	Crystal City Transitway: Northern Extension - complete dedicated lanes	Crystal City Metro Station	Army Navy Drive Transit Station (Army Navy Dr halfway between Hayes St and Joyce St)	2022	CE3521
38		MWAYEXT2	Construct	Crystal City Transitway: Southern Extension - complete dedicated lanes	South Glebe Road	Alexandria city line	2025	
39		MWAYROW	Construct	Crystal City/Potomac Yard Transitway-realign with dedicated right-of-way	East Glebe Road	Evans Lane	2030	
40	677		Study	US 1 Corridor Streetcar Conversion	Four Mile Run	Braddock Road	Not Coded	CE2685
41	489	POTYDS	Construct	Metro Station	Potomac Yard		2021 2022	CE3013
42	493		Construct	Park-and-Ride Lot-Garage	Springfield CBD	vic. I-95 & Old Keene Mill Road	2022 2023	CE2188
43	670		Construct	Park-and-Ride Lot	Dulles Town Center	300 Spaces	2014 2019 complete	CE2871
44	499		Construct	Park and Ride Lot	Arcola Center 300 spaces		2015 2024	
45	503	SILVER 2	Construct	Dulles Corridor Metrorail	Wiehle-Reston East Station	Ashburn Station	2020 2022	CE1981

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2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (transit)

6/23/2021

	ConID	Scenario	Improvement	Facility	From	To	Projected	PIT Project ID
							Complete	
46	1018	SILVER 2	Construct	Park-and-Ride Garage	Herndon-Monroe Station		2020	CE3700
47	1019	SILVER 2	Construct	Park-and-Ride Garage	Innovation Station	2000+ parking spaces	2020	CE3700
48	629	POTSHRS	Construct	VRE - Potomac Shores Commuter Rail Station	Potomac Shores	Prince William County	2020 2022	CE2831
49	505	VANDBRT	Construct	West End Transitway (City Funded)	Van Dorn Street Metro	Pentagon & Landmark	2026 & 2035	CE2930
50	1034	VANDBRT2	Construct	West End Transitway Phase II (Southern Segment)	Van Dorn Street Metro	Landmark Mall	2026	CE2930
51	507	NRS	Construct	Landmark Transit Center	Duke Street and Van Dorn Street		2023	CE3071
52	508	ALEXBUS	Implement	DASH Service Expansion	citywide		2020 2030	CE2933
53	820	BELTHOT	Implement	Beltway HOT lanes transit service			2020	
54	821	BELTHOT	Implement	Beltway HOT lanes transit service			2030	
55	509	DUKEBUS	Construct	Duke Street Transitway	King Street Metro	Fairfax County Line	2024 2027	CE2932
56	672		Construct	Leesburg Park and Ride Lot (new location)	Crosstrails Blvd (approx)	300 Spaces	2018	CE2695
57	673		Construct	Sterling Park and Ride Lot		200 Spaces	2014-2019 complete	CE3357
58	674		Construct	One Loudoun Park and Ride Lot	VA 7 & Loudoun County Parkway	200 Spaces	2019	
59	675		Study	Western Loudoun Park and Ride Lot		250 Spaces	Not Coded	CE3359
60	797	I66HOTI	Implement	I-66 Corridor Enhanced Bus Service (details shown with project description sheet)	Inside the beltway		2025	CE3484
61	798	I66HOTI	Implement	I-66 Corridor Enhanced Bus Service (details shown with project description sheet)	Inside the beltway		2030 2040	CE3484
62	799	I66HOTO	Implement	I-66 Corridor Enhanced Bus Service (details shown with project description sheet)	Outside the beltway		2021 2022	CE3448
63	800	I66HOTO	Implement	I-66 Corridor Enhanced Bus Service (details shown with project description sheet)	Outside the beltway		2025-2030 & 2040	CE3448

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2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (transit)

6/23/2021

	ConID	Scenario	Improvement	Facility	From	To	Projected	PIT Project ID
							Complete	
64	801		Construct	I-66 Corridor Park and Ride lot	Haymarket		2021	CE3448
65	802		Construct	I-66 Corridor Park and Ride lot	University Blvd. in Gainesville		2021	CE3448
66	803		Construct	I-66 Corridor Park and Ride lot	Balls Ford Road in Manassas		2021	CE3448
67	804		Expand	I-66 Corridor Park and Ride lot	Prince William Pkwy (Cushing Rd)		2021 2040	CE3448
68	806	NRS	Construct	I-66 Corridor Park and Ride garage	Monument Drive	garage replaces surface lot	2021 2023	CE3448
69	808	US1BRT	Construct	Bus Rapid Transit (BRT)	US 1 Richmond Highway	Huntington Metro to Hybla Valley to Ft. Belvoir to Woodbridge VRE	2030	CE3496

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2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

6/23/2021

	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
DDOT												
70	CE2860	605	DI9	Reconstruct	I 295 Interchange at Malcolm X Blvd.	Add above grade ramp connection from NB I-295 off ramp to new St. Elizabeth's Access Road						2020 2022
71	CE2813	604		Construct	F Street NW	2nd Street NW	3rd Street NW			0	2	2018 2019 Complete
72	3423	541	DP9A	Widen	South Capitol Street Corridor: Frederick Douglas Bridge	Independence Avenue (East)	Martin Luther King, Jr. Blvd. (west)	2	2	5	6	2024 2025
73	5803	542	DP9C	Construct	South Capitol Street Intersection	at Potomac Avenue						2024 2022
74	6038	543	DP9D	Construct	Suitland Parkway interchange	at Martin Luther King, Jr. Boulevard to complete movements						2021
75	CE3196	582	DS27	Reduce Capacity	H St. NW Peak Period Bus-Only Lanes Pilot Project	19th St NW	14th St NW	3	3	5	4	2019 Complete
76	CE3196	583	DP38	Reduce Capacity	I St. NW Peak Period Bus Only Lanes Pilot Project	13th St. NW	Pennsylvania Ave. NW	2	2	4	3	2019 Complete
77	3212	11116		Reduce Capacity Bus Lanes	H Street NW	Pennsylvania Ave	Connecticut Ave	2	2	4	3	2021
78	3212	11117		Reduce Capacity Bus Lanes	H Street NW	Connecticut Ave	Vermont Ave	2	2	4	2	2021
79	3212	11118		Reduce Capacity Bus Lanes	H Street NW	Vermont Ave	15th Street	2	2	4	3	2021
80	3212	11119		Reduce Capacity Bus Lanes	H Street NW	15th Street	14th Street	2	2	3	2	2021
81	3212	11120		Reduce Capacity Bus Lanes	I Street NW	13th Street	14th Street	2	2	3	2	2021
82	3212	11121		Reduce Capacity Bus Lanes	I Street NW	16th Street	Connecticut Ave	2	2	3	2	2021
83	3212	11122		Reduce Capacity Bus Lanes	I Street NW	17th Street	18th Street	2	2	3	2	2021

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	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
84	3212	11123		Reduce Capacity Bus Lanes	I Street NW	19th Street	20th Street	2	2	3	2	2021
85	CE3077	558	DP42	Reduce Capacity	C Street/N. Carolina Avenue	Oklahoma Avenue	14th Street NE			5	3	2020 2022
86	6315	567	DP16	Reduce Capacity	East Capitol Street	40th Street	Southern Ave			6	4	2021
87	CE3075 6014	585	DS6	Reduce Capacity	Maryland Ave. NE	6th St. NE	15 St. NE			4	2	2019 2021
88	CE3399	608		Reconstruct	New Jersey Avenue NW 1-way to 2-way	H Street NW	N Street NW					2020 2021
89	6114	609		Reduce Capacity	South Capitol Street	Firth Sterling Ave.	Southern Ave Maryland state line			5	4 5	2015 2022
90	3232	663		Reduce Capacity	Adams Mill Rd. NW	Kenyon	Klinge			3	2	2016 Complete
91	3232	701	DS8	Reduce Capacity	6th Street NE	Florida Avenue	K Street			2	1	2016 Complete
92	3232	702	DS9	Reduce Capacity	7th Street NW	New York Avenue	N Street			4	2	2016 2021
93	3232	704	DS11	Reduce Capacity	14th Street NW	Florida Avenue	Columbia Road			4	2	2016 Complete
94	3232	705	DS12	Reduce Capacity	Brentwood Parkway NE	6th Street/Penn Street	9th Street			2	1	2016 Complete
95	6195	717	DS13	Reduce Capacity	Florida Avenue NE	3rd Street	West Virginia Avenue			6	4	2019 2023
96	6195	710		Reduce Capacity	Florida Avenue NE	2nd Street	3rd Street			6	5	2019 2023
97	3232	707	NRS	Reduce Capacity	New Jersey Avenue NW	H Street	Louisiana Ave			4	2	2020 2021
98	CE3447	713	DS14	Reduce Capacity	Pennsylvania Avenue NW	18th Street	20th Street			5	4	2020 2025
99	CE3447	712	DS15	Reduce Capacity	Pennsylvania Avenue NW	17th Street	18th Street			6	4	2021 2025
100	CE3447	715	DS16	Reduce Capacity	Pennsylvania Avenue NW	26th Street	28th Street			5	4	2021 2040
101	CE3447	716	DS17	Reduce Capacity	Pennsylvania Avenue NW	28th Street	29th Street			4	2	2021 2040
102	CE3447	714	DS18	Reduce Capacity	Pennsylvania Avenue NW	20th Street	26th Street			6	4	2021 2040
103	3232	709	DS19	Reduce Capacity	Wheeler Road SE	Alabama Avenue	Southern Avenue			4	2	2020 2021
104	3232	829	DS21	Reduce Capacity - bike lanes	6th Street NW	Constitution Avenue	Massachusetts Avenue			6 peak - 4 offpeak	4 peak - 2 offpeak	2019 2030
105	3232	830	DS22	Reduce Capacity - bike lanes	6th Street NW	Massachusetts Avenue	Florida Ave NW			4	3	2019 2030

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	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
106	3232	832	in base	Reduce Capacity - bike lanes	Blair Road NW	Peabody St. NW	Aspen St. NW			3	2	2021
107	3232	860	DS23	Reduce Capacity - bike lanes	Harewood Road NW	Rock Creek Church Road NW	North Capitol Street			2	1	2020 2022
108	3232	835	DP22	Reduce Capacity - bike lanes	Louisiana Avenue NW	Columbus Circle NE/ Mass Ave NE	Constitution Avenue NW			4	3	2020 2040
109	CE3651	944	DP32	Reduce Capacity - bike lanes	17th Street NW	New Hampshire Avenue	Massachusetts Avenue NW	3	3	2	1	2020 2021
110	CE3652	946	DP34	Reduce Capacity - bike lanes	K Street NW	3rd Street NW 7th St NW	1st Street NE			6 4	4 2	2020 2021
111	CE3654	947	DP35	Reduce Capacity - bike lanes	Pennsylvania Ave	2nd Street SE	14th Street SE	2	2	6	4	2020 2023
112	CE3654	948	DP36	Reduce Capacity - bike lanes	Pennsylvania Ave SE	14th Street SE	Barney Circle			8	6	2020 2024
113	CE3653	949	DP37	Reduce Capacity - bike lanes	Irving Street NE/NW	Michigan Avenue NE	Warder Street NW			6	4	2020 Completed
114	3232	1013		Reduce Capacity - bike lanes	9th St NW	New York Avenue NW	H Street NW			3	2	2030
115	3232	1013 831	NRS	Reduce Capacity - bike lanes	9th St NW	Massachusetts Ave	Florida Ave			4	2 3	2019 2030
116	3232	1012	DP39	Reduce Capacity - bike lanes	9th St NW	Constitution Ave	Massachusetts Ave			6/4	4/2	2019 2030
117	3232	1010	DP40	Reduce Capacity - bike lanes	Nebraska Ave NW	New Mexico Ave	Loughboro Road			4	3	2020 2022

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								Fr	To	Fr	To	
118	3232	1009		Reduce Capacity - bike lanes	Pennsylvania Ave SE	2nd St	17th St.			8	6	2021
119	3232	1008	DS28	Reduce Capacity - bike lanes	Dalecarlia Pkwy NW	Loughboro Road	Westmoreland Circle			4	2	2020 2040
120	3232	1007	DS29	Reduce Capacity - bike lanes	K St NE	1st St	8th St			3	2	2019 Complete
121	3232	1006	DS30	Reduce Capacity - bike lanes	Mount Olivet Rd NE	Brentwood	West Virginia Ave			4	3	2020 2022
122	3232	1005	DS31	Reduce Capacity - bike lanes	M St SE	Half St	11th St			6	5	2020 2022
123	3232	1004	DP41	Reduce Capacity - bike lanes	Florida Ave NE	West Virginia Ave	14th St			3	2	2019 Complete
124	3212	7820		Reduce Capacity - bike lanes	15th Street Cycletrack	Pennsylvania Ave NW	East Basin Dr. SW	3	3	4	3	2021
125	3212	7838		Reduce Capacity - bike lanes	17th St. Bike Lanes	New Hampshire Avenue NW	K St. NW	3	3	4	2	2021
126	3212	7821		Reduce Capacity - bike lanes	20th St. NW Bike Lanes	G St.	Massachusetts Ave.	4	4	4	2	2022
127	3212	7827		Reduce Capacity - bike lanes	21st St. NW	Constitution Ave NW	Massachusetts Ave NW	3	3	3	2	2021
128	3212	7839		Reduce Capacity - bike lanes	Kenyon St NW, Irving, St NW and Michigan St NE Protected Bike Lanes	Warder St NW	4th St NE	3	3	8	6	2020 Completed
129	3212	10675		Reduce Capacity - Bus Lanes	M Street SE	10th Street	Half Street	3	3	6	4	2020 Completed
130	3212	7824		Reduce Capacity - Bus Lanes	Martin Luther King Jr. Ave SE	W Street	Redwood Street	3	3	4	2	2020 Completed

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								Fr	To	Fr	To	
131	3212	7836		Reduce Capacity -	Park Place/5th Street NW	Grant Circle	Kenyon St NW	3	3	2	1	2022
132	3212	7825		Reduce Capacity -	Virginia Ave NW	Rock Creek and Potomac Pkwy NW	18th St NW	3	3	6	5	2021
133	3212	7837		Reduce Capacity - bike lanes	Warder Street/7th Street NW	Kenyon St NW	New Hampshire Ave NW	4	4	2	1	2022
134	6638	839	DP23	Reduce Capacity - Bus Priority	16th Street NW	Arkansas Avenue NW	Columbia Road NW			6	4	2020 2022
135	6638	840	DP24	Reduce Capacity - Bus Priority	16th Street NW	Columbia Road NW	W Street NW			5	4	2020 2022
136	6638	838	NRS	Reconstruct	16th Street NW	W Street NW	H Street NW			4	4	2022
137	CE3081	841	DP25	Reduce Capacity - Streetcar	H Street NE/NW	3rd Street NE	New Jersey Ave NW			6	4	2030 2040
138	CE3081	842	DS26	Reduce Capacity - Streetcar	New Jersey Avenue NW	H St NW	K Street NW			3 lanes 1-way	1 lane each 2- way	2030 2040
70	CE3081	844	DP26	Reduce Capacity - Streetcar	K Street NW	New Jersey Avenue NW	7th Street NW			3	2	2030 2040
139	CE3081	845	DP27	Reduce Capacity - Transitway	K Street NW	9th Street NW	12th St NW			4	2	2021 2025
140	CE3081	846	DP28	Reduce Capacity - Transitway	K Street NW	12th St NW	21st St NW			6	4	2021 2025
141	CE3081	847	DP29	Reduce Capacity - Streetcar	K Street NW	21st St NW	25th Street NW			4	2	2030 2040

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								Fr	To	Fr	To	
142	CE3081	848	DP30	Reduce Capacity - Streetcar	K Street NW	25th Street NW	29th Street NW			6/4	4	2030 2040
143	CE3081	849	DP31	Reduce Capacity - Streetcar	K Street NW	29th Street NW	Wisconsin Avenue NW			4	2	2030 2040
MDOT												
Interstate												
144		126	MI2Q	Construct	I-270 Interchange	at Watkins Mill Road		1	1	8	8	2020
145	6432 CE1186	125	MI2U1	Construct/Widen	I-270 Toll Lanes	I-495	I-270Y on the entire western spur, and on the eastern spur from MD187 north to the main I-270	1	1	4+2 HOV	4+4 HOT +2 HOV +4 ETL	2025
146	6432 CE1186	892	MI2U2	Construct/Widen	I-270 Toll Lanes	I-270Y	I-370	1	1	10+2 HOV	10+4 HOT +2 HOV +4 ETL	2025
147	6432 CE1186	893	MI2U3	Construct/Widen	I-270 Northbound Toll Lanes	I-370	Middlebrook Road	1	1	3+1 HOV-NB	3+2 HOT-NB ETL	2025-2030
148	6432 CE1186	893	MI2U4	Construct/Widen	I-270 Southbound Toll Lanes	Middlebrook Road	I-370	1	1	4-5B	4+2 HOT SB +2 ETL	2025-2030
149	6432 CE1186	894	MI2U5	Construct/Widen	I-270 Northbound Toll Lanes	Middlebrook Road	MD-121	1	1	2+1 HOV-NB	2+2 HOT NB +1 HOV-NB +2 ETL	2025-2030
150	6432 CE1186	894	MI2U6	Construct/Widen	I-270 Southbound Toll Lanes	MD-121	Middlebrook Road	1	1	3-5B	3+2 HOT SB +2 ETL	2025-2030
151	6432 CE1186	895	MI2U7	Construct/Widen	I-270 Toll Lanes	MD-121	I-70 / US-40	1	1	4	4+4 HOT +4 ETL	2025-2030

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								Fr	To	Fr	To	
152	6444	952	MI2TSB6	Construct	I270 southbound auxiliary lane (innovative congestion management)	South of Shady Grove Rd local slip ramp	South of Shady Grove Rd express lanes slip ramp	1	1			2019 complete
153	6444	953	MI2TSB7	Construct	I270 southbound auxiliary lane (innovative congestion management)	Md 28 on-ramp	MD 189 off-ramp	1	1			2019 2021
154	6444	954	MI2TSB8	Construct	I270 southbound (innovative congestion management)	MD 189 on-ramp	Montrose Road off-ramp	1	1			2019 complete
155	6444	955	MI2TSB12	Construct	I270 southbound (innovative congestion management)	North of Montrose Road	Democracy Boulevard	1	1			2019 complete
156	6444	956	MI2TNB1	Construct	I270 northbound (innovative congestion management)	Democracy Boulevard on-ramp	North of Montrose Road slip ramp to local lanes	1	1			2019 complete
157	6444	957	MI2TNB2	Construct	I270 northbound auxiliary lane (innovative congestion management)	MD 189 on-ramp	MD 28 off-ramp	1	1			2019 2021
158	6444	958	MI2TNB2	Construct	I270 northbound auxiliary lane (innovative congestion management)	South of MD 28 slip ramp to express lanes	North of MD 28 slip ramp to local lanes	1	1			2019 2021
159			MI2TNB3	Construct	I270 northbound (innovative congestion management)	Shady Grove Road	I-370 off-ramp	1	1			2019
160			MI2TNB4	Construct	I270 northbound (innovative congestion management)	MD 124 on-ramp	Watkins Mill Road off-ramp	1	1			2019
161			MI2TNB4	Construct	I270 northbound auxiliary lane (innovative congestion management)	Watkins Mill Road on-ramp	Middlebrook Road westbound off-ramp	1	1			2019
162	6444	962	MI2TNB5	Construct	I270 northbound (innovative congestion management)	MD 121	Comus Road Bridge	1	1			2019 2021 complete
163		210	MI4	Widen	I 70	Mt. Phillip Road	West of I 270	1	1	4	6	2035
164	CE2250	151	MI4a	Reconstruct	I 70	at MD 144FA, Meadow Road, and Old National Pike		1	1	6	6	2025 2022
165				Study	I-295 Toll Lanes- planning study	US 50	I-95 (in Baltimore)					Not Coded
166	CE1479	108	MI1P MI1PR	Construct	I-95/I-495	at Greenbelt Metro Station		1	1	8	8	2030
167	6432- CE3281	696	MI1Q	Construct/Widen	I-495 Toll Lanes	Virginia State line/Potomac River (including American Legion Bridge)	I-270Y - western spur	1	1	8/10	8/10 + 4 ETL HOT	2025
168	6432- CE3281	856	MI1R	Construct/Widen	I-495 Toll Lanes	I-270Y - western spur	MD-355-	1	1	6	6 + 4 ETL HOT	2025

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								Fr	To	Fr	To	
169	6432 CE3281	905	MI1S	Construct/Widen- Study	I 495 Toll Lanes	MD 355	I 95	1	1	8	8 + 4 ETL HOT	2025 2030 not coded
170	6432 CE3281	906	MI1T	Construct/Widen- Study	I 95 / I 495 Toll Lanes	I 95	Baltimore Washington Parkway	1	1	8	8 + 4 ETL HOT	2025 2030 not coded
171	CE1182	907	MI1U	Construct/Widen- Study	I 95 / I 495 Toll Lanes	Baltimore Washington Parkway	Glenarden Parkway	1	1	8	8 + 4 ETL HOT	2025 2030 not coded
172	CE1182	908	MI1V	Construct/Widen- Study	I 95 / I 495 Toll Lanes	Glenarden Parkway	MD 202F	1	1	10	10 + 4 ETL HOT	2025 2030 not coded
173	CE1182	909	MI1W	Construct/Widen- Study	I 95 / I 495 Toll Lanes	MD 202F	Potomac River (not including Wilson Bridge)	1	1	8	8 + 4 ETL HOT	2025 2030 not coded
Primary												
174	3108	139	MP10A	Reconstruct	US 1	College Avenue	MD 193	2	2	4	4	2023
175	CE1202	935 936	NRS	Reconstruct	US 1	MD 193	I 95 / I 495	2	2	4	4	2030 2035
176	CE1200	370	MP9	Widen	MD 2/4 Solomons Island Road	North of Stoakley Road/Hospital Drive	South of MD 765A (south junction) just south of Parkers Creek	2	2	4	6	2040 2045
177	CE1200	913	NRS	Construct	MD 2 / MD 4 Interchange	at Stoakley Road/Hospital Drive and at MD 765A (south junction)		2	5	4	6	2040 2045
178	CE2246	645	NRS	Reconstruct	MD 4 Interchange	at MD 235		2	2	2	2 4	2031
179		127	MP2C	Widen	MD 3 Robert Crain Highway	I595/US 50/US 301	Anne Arundel County Line	2	2	4	6	2035
180	CE1194	355	NRS	Construct	MD 4	at Westphalia Road		2	5	4	6	2040
181	3547	393	NRS	Construct	MD 4 Pennsylvania Avenue	at Suitland Parkway		5	5	4	4	2020
182	CE1194	933	NRS	Construct	MD 4 Interchange	at Dower House Road		5	5	4	6	2040
183	CE1194	212	MP3A	Widen	MD 4 Pennsylvania Avenue	I-95/I-495	MD 223	5	5	4	6	2040

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								Fr	To	Fr	To	
184	CE1196 3469	440	NRS	Construct	MD 5	at Earnshaw/Burch Hill Roads		2	5	4	6	2030 2035
185	3469 CE1196	205	MP4F	Widen/Upgrade	MD 5 Branch Avenue	US 301 at T.B.	North of I95 /I 495	2	5	4	6	2030 2035
186		354	NRS	Construct	MD 5	at MD 373 and Brandywine Road		2	5	4	6	2019
187	3469 CE1196	441	NRS	Construct	MD 5 Branch Avenue	at Surratts Road		2	5	4	6	2030 2035
188	CE3567	914	MP15B	Construct/Widen	US 15	MD 26	North of Biggs Ford Road	5	5	4	6	2045 2040
189	CE3566	915	MP15A	Construct/Widen	US 15	US 340 / South Jefferson Street	MD 26	5	5	4	6	2030
190	CE913	358	MP15	Construct	US 15 Interchange	at Monocacy Blvd./Christophers Crossing		3	3	4	4	2019 2018 complete
191	3641 CE1197	211	NRS	Construct	US 29 Columbia Pike	at Musgrove/Fairland Road				6	6	2035
192	CE1197	551		Construct	US 29 Columbia Pike	at Tech Road / Industrial Road		5	5	6	6	2030
193	CE1197	552, 919, 918	MP19A MP19B MP19C	Construct	US 29 Columbia Pike Interchange	at Stewart Lane, Greencastle Road, & Blackburn Road		5	5	6	6	2045
194		647	MP15 -NRS	Study	US 29 Columbia Pike	North of MD 650 New Hampshire Avenue	Howard County Line	5	5	6	6	2045
195	CE3425	941	NRS	Reconstruct	US 50	District of Columbia line	I 95 / I 495	2	2	4	4	2035
196	CE1210	858	FP2B	Widen	MD 85	South of English Muffin Way	Crestwood Drive/Shockley Drive	2	2	2/4	4	2035
197	6483	391	FP2A	Construct/Widen	MD 85 Buckeystown Pike	Crestwood Drive/Shockley Drive	Spectrum Drive	2	2	4	6	2022
198	CE1210	859	FP2C	Construct/Widen	MD 85 Buckeystown Pike	Spectrum Drive	North of Grove Road	2	2	4	6	2035
199	CE1190	387	MP14	Reconstruct	MD 202	at Brightseat Road		2	2	6	6	2045
200	4879	353	NRS	Upgrade	MD 210	at Kerby Hill Road/Livingston Road		5	5	6	6	2021
201	4879	124	MP6D	Upgrade	MD 210 Indian Head Highway	I-95/495	MD 228	2	5	6	6	2040
202	5527	384	MP18	Construct	US 301 Gov. Nice Bridge	Charles County, MD	King George County, VA	2	2	2	4	2023
203	CE1004	940	MP8E	Widen	US 301	Harry Nice Bridge	I-595 / US 50	2	5	4/6	6	2045
204	CE2239	939	NRS	Reconstruct	US 301 Interchange	at MD 5 Business/MD 228		2	5	6	6	2030 2040
205	CF2239	938	NRS	Reconstruct	US 301	at MD 5 (south junction)		2	5	6	6	2030 2035
206	CE1619	937	NRS	Construct	US 301 Interchange	at MD 197		5	5	6	6	2030 2035

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								Fr	To	Fr	To	
Secondary												
207	3476 CE1462	206	MS2F	Widen	MD 28 Norbeck Road	MD 97	MD 182	2	2	2	2-4	2045
208	3476 CE1462	925	NRS	Reconstruct	MD 28 Norbeck Road	MD 182	Norwood Road	2	2	4	4	2045
209	3476 CE1462	926	NRS	Reconstruct	MD 198	Norwood Road	MD 650	2	2	2	2	2045
210	3476 CE1462	927	NRS	Reconstruct	MD 198	MD 650	Old Columbia Pike	2	2	2	2	2045
211	3476 CE1462	928	NRS	Reconstruct	MD 198	Old Columbia Pike	US 29A	2	2	4	4	2045
212	3476 CE1462	929	NRS	Reconstruct	MD 198	US 29A	I 95	2	2	4	4	2045
213	3106	137	MP12C	Construct	MD 97 Brookeville Bypass	Gold Mine Road	North of Brookville	0	2	0	2	2021
214	CE2618	931	NRS	Widen Reconstruct	MD 97	MD 390	MD 192 / Forest Glen Road	2	2	6/7	7/8 6/7	2025 2030
215	CE1211	392	NRS	Upgrade	MD 97 Georgia Avenue Interchange	at MD 28 Norbeck Road		2	2	6	6	2035
216		135	NRS	Upgrade	MD 97 Georgia Avenue Interchange	at Randolph Road		2	2	6	6	2018
217	CE1203	115	MS32	Widen Reconstruct	MD 117 Clopper Road	I270	Metropolitan Grove Road	2 3	2 3	2/4 4	4	2030
218	CE1203	921	NRS	Reconstruct	MD 117 Clopper Road	Metropolitan Grove Road	West of Game Preserve Road	3	3	2/4 2	2/4 3	2030 2035
219	3057 CE1206	118	MS6B	Widen	MD 124 Woodfield Road	Midcounty Highway	South of Airpark Drive	3	3	2	6	2035
220	3057 CE1206	1	MS6D	Widen	MD 124 Woodfield Road	North of Fieldcrest Road	Warfield Road	3	3	2	6	2035

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(highway)**

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	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
221	CE2253	356	MS35	Widen	MD 197 Collington Road	MD 450	Kenhill Drive	2	2	2	4	2025 2030
222	CE2261	924	MS36A	Construct/Widen	MD 180	Greenfield Drive	I 70 (west junction)	4	4	2	4	2030 2035
223		857	MS36B	Construct/Widen	MD 180	I 70 (west junction)	Ballenger Center Drive	4	4	2/4	4	2021
224	CE1204	359	MS10B	Widen	MD 201 Edmonston Rd. / Old Baltimore Pike	Cherrywood Lane	Ammendale Way	3	3	2/3	4	2045
225	CE1204	965	MS10E	Construct/Widen	MD 201 Extended (Cedarhurst Dr.)	Muirkirk Road	US 1	3	3	2	4	2045
226	CE2248	942	NRS	Reconstruct	MD 223	MD 4	Steed Road	3	3	2	2	2045
227	CE1207	175	MS18D	Widen	MD 450 Annapolis Road	Stonybrook Drive	west of MD 3	2	2	2	4	2020 2030
228		516	same as MC15B	Construct	Montrose Parkway	Randolph Road	East of Parklawn Drive	0	2	0	4	2020
229	6384	152	BRAC nrs	Reconstruct	BRAC Intersection Improvements near the National Naval Medical Center, Bethesda			2	2			2020 complete
Frederick County												
Secondary												
230		648	MS36C	Widen/Upgrade	MD 180 Ballenger Creek Pike	Ballenger Center Drive	Corporate Drive	3	2	2	4	2020
231		993	in FS3	Widen/Upgrade	Christopher's Crossing	Whittier Drive	Poole Jones Road	3	3	2	4	2024
232		880	FS3	Expansion	Christopher's Crossing	Walter Martz Road	Thomas Johnson Drive	3	3	0 to 2	4	2020
233		879	NRS	Construct	Christopher's Crossing	Shookstown Road	Rocky Springs Road	3	3	0	4	2026
234		651	FS2a	Widen	Monocacy Boulevard	Schifferstadt Boulevard	Gas House Pike	3	3	2	4	2019
235		691	NRS	Construct	Spectrum Drive	Technology Way	MD 85 Buckeystown Pike	0	4	0	2	2030
Montgomery County												
Secondary												
236	3498	208	NRS	Construct	Burtonsville Access Road	MD 198 Spencerville Road	School Access Road in Burtonsville	0	4	0	2	2025
237	5944	597	NRS	Construct	Century Boulevard	Current terminus south of Oxbridge Tract	Intersection with future Dorsey Mill Road	0	3	0	4	2020 2013 Completed
238	CE1577	199	MC43	Construct	Dorsey Mill Road Bridge over I-270	Century Blvd.	Milestone Center Dr.	0	3	0	4	2020 2030
239	3049	112	MC7A	Widen	Goshen Road South	South of Girard Street	1000 feet north of Warfield Road	3	3	2	4	2025 2030

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2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

6/23/2021

	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
240				Widen	Little Seneca Parkway	MD355	Observation Drive	3	3	2	4	2035
241	CE1245	172	MC11A	Construct	M 83 MidCounty Highway Extended	MD 27 Ridge Road	Middlebrook Road	0	2	0	4-6	2025-2045
242	CE1245	204	MC11D	Construct	M 83 Midcounty Highway Extended	Middlebrook Road	Montgomery Village Avenue	0	2	0	4-6	2025-2045
243		113	MC12F	Widen	MD 118 Germantown Road Extended	MD 355	M 83 at Watkins Mill Road	2	2	3	4	2020
244	CE1229	161	MC14G	Widen	Middlebrook Road Ext.	MD 355	M 83	2	2	3	4	2025-2045
245	3703	214	MC15B	Construct	Montrose Parkway East	Eastern Limit of MD 355/Montrose Interchange	Veirs Mill Road/Parkland Road Intersection	0	2	0	4	2022-2045
246	7503			Construct	Extend Observation Drive	Waters Discovery Lane	West Old Baltimore Road	0	3	0	4	2035
247	7503			Construct	Extend Observation Drive	Little Seneca Parkway	Existing Observation Drive near Stringtown Road	0	3	0	2	2045
248	CE2912 5948	428	NRS	Construct	Platt Ridge Drive Extended	Jones Bridge Road	Montrose Driveway			0	2	2018 Completed
249	CE1236	119	MC34	Widen	Snouffer School Road	MD 124 Woodfield Road	Centerway Road	3	3	2	4	2019-2021
Urban												
250	5985	421		Construct	Executive Blvd Extended East	MD 355 Rockville Pike	New Nebel Street Extended			0	4	2020-2026
251	5985	422		Construct	Executive Blvd Extended West	MD 187 Old Georgetown Road	Marinelli Road			0	4	2020-2026
252	5986	424		Construct	Hoya Street	Executive Blvd	Montrose Parkway			0	4	2020-2030
253	5986	425		Construct	Main Street / Market Street	MD 187 Old Georgetown Road	MD 355 Rockville Pike			0	2	2020-2030
254	5986	423		Construct	MD 187 Old Georgetown Road	MD 187 Old Georgetown Road	Nicholson Lane/Tilden Lane			0	6	2020-2030
Prince George's County												
Secondary												
255	6367	361	PGS3a	Widen	Addison Road	Walker Mill Road	MD 214 Central Avenue	3	3	2	4	2023-2026
256	6367	362	NRS	Reconstruct	Addison Road	Sherieff Road	MD 704	4	4	2	2	2025-2028
257	CE1270	386	PGS5	Construct	Allentown Road Relocated	MD 210 Indian Head Highway	Brinkley Road		3		4	2025-2028
258	CE1320	365	PGS73	Widen	Ardwick-Ardmore Road	MD 704	91st Ave.	4	4	2	4	2025-2030

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6/23/2021

	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
259	CE1272	388	PGS9a	Widen	Bowie Race Track Road	MD 450 Annapolis Road	Old Chapel Road Clearfield Road	4	4	2	4	2025 2024
260	CE1272	389	PGS9b	Widen	Bowie Race Track Road	MD 197 Laurel Bowie Road	Old Chapel Road	4	4	2	4	2025
261	CE1273	390	PGS10	Widen	Brandywine Road	Piscataway Road (north of)	Thrift Road	4	4	2	4	2020
262	CE1274	418	PGS12	Widen	Brinkley Road	MD 414 St. Barnabas Road	MD 337 Allentown Road	3	3	4	6	2020
263	CE1275	134	PGS13	Construct	Brooks Drive Extended	Marlboro Pike	Rollins Avenue	0	3	0	4	2020
264	CE1277	140	PGS16a	Construct	Campus Way North	Lake Arbor Way	south of Lottsford Road	0	4	0	4	2023
265	CE1277	138	PGS16b	Construct	Campus Way North Extended	south of Lottsford Road	Evarts Drive	0	4	0	4	2020
266	CE1278	141	PGS17	Widen	Cherry Hill Road	Powder Mill Road	Selman Road	3	3	2	4	2019 Complete
267	CE1279	142	PGS18	Widen	Church Road	Woodmore Road	Central Ave. (MD 214)	4	4	2	4	2021 2028
268	CE1280	144	PGS20b	Widen	Columbia Park Road	US 50	Cabin Branch Road	4	4	2	4	2020 2014 Complete
269	CE1280	143	PGS20a	Widen	Columbia Park Road	Cabin Branch Road	Columbia Terrace	4	4	2	4	2020
270	CE1281	145	PGS21a	Widen	Contee Road	US 1	MD 201 Virginia Manor Road	4	4	2	4	2018 Complete
271	CE1282	146	PGS22	Widen	Dangerfield Road	Cheltenham Avenue	MD 223 Woodyard Road	4	4	2	4	2020
272	CE1283	147	PGS24b	Widen	Dower House Road	Foxley Road	MD 4 Pennsylvania Avenue	4	4	2	6	2025
273	CE1283	155	PGS24a	Widen	Dower House Road	MD 223 Woodyard Road	Foxley Road	4	4	2	4	2025
274	CE1284	156	PGS25	Widen	Fisher Road	Brinkley Road	Holton Lane	4	4	2	4	2025
275	CE1285	157	NRS	Construct	Forbes Boulevard Extended	south of Amtrak	MD 193 Greenbelt Road	0	4	0	4	2020

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6/23/2021

	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
276	CE1287	159	PGS29	Widen	Fort Washington Road	Riverview Road	MD 210 Indian Head Highway	4	4	2	4	2025
277	CE1288	160	PGS30b	Widen	Good Luck Road	Cipriano Road	MD 193 Greenbelt Road	4	4	2	4	2025
278	CE1288	162	PGS30a	Widen	Good Luck Road	MD 201 Kenliworth Avenue (east of)	Cipriano Road	4	4	2	4	2025
279	3132	164	PGS34a	Widen	Hill Road	MD 214 Central Avenue Consideration Lane	MD 704 ML King Jr Highway	4	4	2	4	2018 complete
280	3132	163	PGS34B	Widen	Hill Road	Consideration Lane	MD 214 Central Avenue	4	4	2	4	2018 2028
281	CE1015	416	NRS	Construct	Iverson Street Extended	Wheeler Road	19th Avenue	0	4	0	4	2018
282	CE3438	666	PGS35	Widen	Karen Boulevard	Walker Mill Road	MD 214 Central Avenue	4	4	2	4	2020
283	5806	165	PGS38b	Widen	Livingston Road	Piscataway Creek	Farmington Road	4	4	2	4	2020 2025
284	CE1291	417	PGS38a	Widen	Livingston Road	MD 210 Indian Head Highway at Eastover	Kerby Hill Rd.	4	3	2	4	2025 2028
285		213	PGS40a	Widen	Lottsford Road	Archer Lane	MD 193 Enterprise Road	3	3	2	4	2021
286			PGS40b	Reduce Capacity - bike lanes	Lottsford Road	MD 202 (Landover Rd.)	Largo Dr. West	3	3	6	4	2020
287	CE1292	166	PGS39b	Widen	Lottsford Vista Road	MD 704 ML King Jr Highway	Ardwick-Ardmore Road/Relocated	4	4	2	4	2020
288	CE1295	360	PGP4a	Construct	MD 193 Greenbelt Road	Baltimore-Washington Parkway (ramp to)		0	5	0	4	2025
289	CE1294	167	PGS42	Widen	MD 223 Woodyard Road	Rosaryville Road	Dower House Road	2	2	2	4	2020 2017 Complete

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6/23/2021

	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
290	CE1294	2	PGS42C	Widen	MD 223 Woodyard Road Relocated	Piscataway Creek/Floral Park Road	MD 4 /Livingston Road	3	3	2	4	2017
291	CE1295	169	PGS44b	Widen	Metzerott Road	Adelphi Road	MD 193 University Boulevard	4	4	2	4	2020
292	CE1295	168	PGS44a	Widen	Metzerott Road	MD 650 New Hampshire Avenue	Adelphi Road	4	4	2	4	2020
293	CE1296	171	PGS46	Widen	Murkirk Road	US 1 Baltimore Avenue (west of)	Odell Road	4	4	2	4	2020
294	CE1297	173	PGS47	Widen	Oak Grove and Leeland Roads	MD 193 Watkins Park Road	US 301 Robert Crain Highway	4	4	2	4	2020 2028
295	CE1298	174	PGS48	Widen	Old Alexandria Ferry Road	MD 223 Woodyard Road	MD 5 Branch Avenue	4	4	2	4	2025
296	CE1299	649	PGS50	Widen	Old Branch Avenue	MD 223 Piscataway Road (north of)	MD 337 Allentown Road	4	4	2	4	2020 2028
297	CE1533	395	PGS90	Construct	Old Fort Road Extended	MD 223 Piscataway Road	Old Fort Road	4	4	0	4	2020
298		369	PGS51a	Widen	Old Gunpowder Road	Powder Mill Road	Greencastle Road	3	3	2	4	2018
299	CE1324	193	PGS81	Construct	Presidential Parkway	Suitland Parkway	Melwood Road	0	3	0	6	2025 2020 Complete
300	CE1301	150	NRS	Reconstruct	Rhode Island Avenue	MD 193	US Route 1	4	4	2	2	2025
301	CE1302	176	PGS56a	Widen	Ritchie Road/Forestville Road	Alberta Drive	MD 4 Pennsylvania Avenue	3	3	2	4	2020
302	CE2623	153	PGS55b	Widen	Ritchie-Marlboro Road	White House Road	Old Marlboro Pike	2	2	2	4	2020 2028
303	CE1303	177	PGS57	CE1197	Rollins Avenue	MD 214 Central Avenue	Walker Mill Road	4	4	2	4	2020
304	CE1304	178	PGS58	Widen	Rosaryville Road	US 301	MD 223 Woodyard Road	3	3	2	4	2020
305	CE1305	179	PGS60B	Widen	Spine Road	MD 5 Branch Avenue / US 301	MD 381 Brandywine Road	3	3	2	4	2025 2020 Complete
306	CE1306	109	PGS61	Widen	Springfield Road	Lanham-Severn Road	Good Luck Road	4	4	2	4	2020
307	CE1307	122	PGP2	Construct	Suitland Parkway Interchange at	Rena/Forestville Roads		5	5			2025 2021 Complete
308	CE1309	181	PGPS63	Widen	Sunnyside Avenue	US 1	MD 201 Kenilworth Avenue	4	4	2	4	2022
309	CE1313	185	PGP5a	Construct	US 50 Columbia Park Road Ramp	wb ramp to Columbia Park Rd						2025 2014 Complete
310	CE1314	187	PGS67a	Widen	Van Dusen Road	Contee Road	MD 198 Sandy Springs Road	3	3	2	4	2020
311	CE1314	186	PGS67b	Construct	Van Dusen Road Interchange at	Contee Road						2025

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(highway)**

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								Fr	To	Fr	To	
312		188	PGS68	Widen	Virginia Manor Road	Muirkirk Road	Old Gunpowder Road	4	4	2	4	2014
313	CE1316	429	PGS69a	Widen	Walker Mill Road	Silver Hill Road	I 95	3	3	2	4	2020 2028
314	CE2624	154	PGS91	Widen	Westphalia Road	MD 4 Pennsylvania Avenue	Ritchie-Marlboro Road	2	2	2	4	2020 2028
315	3166	189	PGS70	Widen	Wheeler Road	DC Limits	St. Barnabas Road	3	3	2	4	2018 complete
316	CE1318	437	PGS71	Widen	White House Road	Ritchie Marlboro Road	MD 202 Large Landover Road	3	3	2	6	2020
317	CE1319	190	PGS72	Widen	Whitfield Chapel Road	CE1319	Ardwick Ardmore Road	4	4	2	4	2020
318		436	PGS40b	Construct	Woodmore Road	MD 193 Enterprise Road	Church Road	3	3	2	4	2025
Anne Arundel County												
319			AA14C	Widen	US 50 EB only	MD 70	MD 2 NB	1	1	6	7	2019 complete
320			AA14D	Widen	US 50	I-97	MD 2	1	1	6	8	2045
321				widen	I-97 HOV lanes	MD 32	US 50/301		2	4	6	
322			AA15a	Widen	I-295	I-195	MD 100	1	1	4	6	2035
323			AA3E	Widen	MD 2	US 50	I-695			4	6	2035
324			AA4e	Widen	MD 3	MD 32	St. Stephen's Church Rd. MD 424	2	2	4	6	2025
325				Widen	MD 32 HOV?	I-97	Howard County Line		2	6	8	
326			AA6e	Widen	MD 100	Howard Co. Line	I-97		5/1	4	6	2035
327			AA8b	Widen	MD 175	MD 170	National Business Parkway MD 295 BW Parkway		2	4	6	2025
328			AA35	Widen	MD 177	MD 2	Lake Shore Dr.			2	4	2045
329			AA30	Widen	MD 198	MD 32	BW Parkway	2	2	2	4	2030
330				Widen	MD 214	MD 424	Shoreham Beach Dr.			2	4	2045
331			AA34a	Widen	MD 713	MD 175	Stoney Run Dr. MD 176		2	2	4	2040
Carroll County												
332			CA1B	Widen	MD 140	Sullivan Road	Market St.		1	6	8	2035
333			CA2a	Widen	MD 26	MD 32	Liberty Reservoir			4	6	2035
334			CA4A	widen	MD 32	MD 26	Howard County Line		2	2	4 5	2040
335			CA5	Widen	MD 97	MD 140	Bachmans Valley Rd.		2	2	4	2035
Howard County												
336			HW1b	Widen	I-70	US 29	MD 32	1	1	4	6	2035
337			HW19	Widen	I-95 Peak period shoulder use	MD 32	MD 100	1	1	4	4+1	2035
338			HW20	Widen	US 1	Howard/PG line	Howard/Balt. Co. line			4	6	2045

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(highway)**

6/23/2021

	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
339			HW10b	Widen	US 29 NB	Middle Patuxent River	Seneca Dr.		5	4	6	2030
340			HW10F	Widen	US 29 NB	Seneca Dr.	MD 100	5	5	5	6	2017 complete
341			HW3c	Widen	MD 32	Cedar Lane	Anne Arundel County Line Brock Bridge Rd.		1	4/6	8	2045
342			HW3B	Widen	MD 32	MD 108	I-70		2	2	4	2021
343			HW3D	Widen	MD 32	I-70	Howard/ Carroll County Line River Rd			2	4	2045
344			HW5F	Widen	MD 100	I-95	AA/Howard Line	1	1	4	6	2035
345			HW6c	Widen	MD 108	Trotter Rd.	Guilford Rd.	2	2	2	4	2035
346			HW7C	Widen	MD 175	Oceano Ave	Howard/AA Col Line			2	4	2045
347			HW8b	Widen	MD 216	High School Access Rd.	Maple Lawn Blvd.		3	2	4	2015
348			HW14c	Widen	Snowden River Parkway	Oakland Mills Road	Broken Land Parkway		3	4	6	2023
349			NRS	Widen	Dorsey Run Rd.	MD 175	CSX RR spur			2	4	2021
Calvert-St. Mary's MPO												
350	CE2246	644	MP9B	Construct	Thomas Johnson Bridge replacement	over the Patuxent River		2	2	2	4	2031
351			MP9C	Widen	MD 4 (in St. Mary's County)	Thomas Johnson Bridge	MD 235	2	2	2	4	2031
352			nrs	Construct	MD 4/ MD 235 Interchange	in Lexington Park		2	2	--	--	2028
353			MP9D	Widen	MD 4 (in Calvert County)	Thomas Johnson Bridge	Patuxent Point Parkway	2	2	2	4	2031
353			nrs	Reconstruct	MD 5 Great Mills Project	MD 471 Indian Bridge Road	MD 246 Great Mills Road			2	2	2026
VDOT												
Federal Lands												
354	CE3061	433	FED3a	Construct	Manassas Battlefield Bypass	US 29 West of Centreville	East of Gainesville, via 234	0	1	0	4	2035 2040
355	CE3061	434	FED3b	Remove/Close	US 29 Lee Highway	Pageland Lane	Bridge over Bull Run	2	2	2/4	0	2035 2040
356	CE3061	435	FED3c	Remove/Close	VA 234 Sudley Road	Southern Park Boundary	Sudley Springs (north of park)			2	0	2030
Interstate												

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6/23/2021

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								Fr	To	Fr	To	
357	CE1759	399	VI1AJ	Construct	I 66 Vienna Metro Station bus ramp (duplicate project with ConID 759, below)	Transit Ramps- from EB & to WB	Saintsbury Dr. @Vaden Dr.	1	1	0	2	2021 2022
358	CE2096	271	VI1AF	Reconstruct	I 66 WB Operational/Spot Improvements	Westmoreland Dr. / Washington Blvd Exit	Haycock Rd /Dulles Access Highway	1	1	3	4	2020 2016 complete
359	CE2096	350	VI1AG	Reconstruct	I 66 WB Operational/Spot Improvements	Lee Highway/Spout Run On-Ramp	Glebe Road Off-Ramp	1	1	2	3	2020 2022

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(highway)**

6/23/2021

	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
360	CE3448	718	VI1Y	Widen / Revise Operations	I-66		US 50	1	1	3 general purpose in each direction + 1 HOV in peak direction during peak period	3 general purpose + 1 Auxiliary + 2 HOT each direction	2021
361	CE3448	851	VI1Z	Widen / Revise Operations	I-66	US 50	US 29 Centreville	1	1	4 general purpose in each direction off-peak, 3 general purpose + 1 HOV in peak direction during peak period	3 general purpose + 1 Auxiliary + 2 HOT in each direction (2 Aux per direction btwn VA 286 & VA 28 only)	2021
362	CE3448	852	VI1ZA	Widen / Revise Operations	I-66	US 29 Centreville	University Boulevard Ramps (new interchange for HOT only)	1	1	4 general purpose in each direction off-peak, 3 general purpose + 1 HOV in peak direction	3 general purpose + 2 HOT in each direction	2021

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	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
363	CE3448	852	VI1ZA1	Widen / Revise Operations	I-66	VA 234 Bypass	University Blvd.	1	1	4 general purpose in each direction off-peak, 3 general purpose + 1 HOV in peak direction	3 general purpose+ 2 HOT in each direction (+1 Auxiliary each direction between	2021
364	CE3448	853	VI1ZB	Widen / Revise Operations	I-66	University Boulevard Ramps (new interchange for HOT only)	US 15 (1.2 miles west of)	1	1	4 general purpose in each direction off-peak, 3 general purpose +	3 general purpose+ 2 HOT in each direction (+1 Auxiliary	2040
365	CE3484	740	VI1X	Revise Operations	I-66	I-495	US 29 near Rosslyn	1	1	HOV 2 in peak direction during peak period	HOT 2 in peak direction during peak period	2017 complete
366	CE3484	862	VI1X1	Revise Operations	I-66	I-495	US 29 near Rosslyn	1	1	HOT 2 in peak direction during peak period	HOT 3 in peak direction during peak period	2021 2022
367	CE3484	863	VI1X2	Revise Operations	I-66	I-495	US 29 near Rosslyn	1	1	HOT 3 in peak direction during peak period	HOT 3 in both directions during peak period	2040

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6/23/2021

	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
368	CE3448	7221		Study	I-66 Revise Operations by 2024	I495	US 29 near Rosslyn			HOT 3 in peak direction during peak period	HOT 3 in both directions during peak period	not coded
369	CE3484	788	VI1XB	Construct/Widen	I 66 Eastbound	VA 267 DTR	Washington Blvd. Off-Ramp	1	1	3	4	2020
370	CE3484	789	VI1XC	Construct/Widen	I 66 Eastbound	Washington Blvd. Off-Ramp	North Fairfax Drive	1	1	2	3	2020
371	CE3484	786	VI1XD	Construct/Widen	I 66 Westbound	Sycamore Street	Washington Blvd. On-Ramp	1	1	2	3	2040
372	CE3448	752	I66R31 I66R32 I66R34	Construct	I-66 Express Lanes Interchange Ramps	EB Expr to SB GP NB GP to WB Expr SB Expr to WB Expr EB Expr to NB GP SB GP to WB Expr	I-495 Interchange (Capital Beltway GP and Express Lanes)	0	1	0	1	2022
373	CE3448	753	I66R37	Construct	I-66 General Purpose Lanes Interchange Ramp	NB Expr to WB GP (modification of existing loop ramp)	I-495 Interchange (Capital Beltway GP and Express Lanes)	0	1	0	1	2022
374	CE3448	754		Relocate / Reconstruct	I-66 Interchange	Dual-lane loop ramp from NB I-495 GP to I-66 GP relocated to dual-lane flyover & existing ramp modified to NB I-495 GP to I-66 WB HOT	@ I-495	1	1	2	2	2022
375	CE3448	755		Reconstruct	I-66 Interchange	EB GP to SB GP WB GP to SB GP WB GP to SB Expr NB GP to EB GP SB GP to WB GP	@ I-495	1	1	—	—	2022
376	CE3448	756	I66R29	Construct	I-66 flyover ramp	EB general purpose to EB express lanes	.5 mile east of VA 243	0	1	0	1	2022
377	CE3448	757	NRS	Reconstruct	I-66 Interchange	Cloverleaf interchange converted to diverging diamond interchange	@ Nutley Street (VA 243)	1	1	—	—	2022
378	CE3448	759	I66R27 I66R28	Construct	I-66 Express Lanes Interchange Ramps (duplicate project with ConID 399, above)	EB off-ramp, WB on-ramp to/from I-66 Express lanes		1	1		Bus / HOV-3 / HOT from proposed Express Lanes	2022
379	CE3448	983	I66R43	Remove	I-66 ramp	remove existing EB on-ramp from Saintsbury Dr. at Vaden Dr.						2022
380	CE3448	762	VI1YA	Reconstruct	I-66 Interchange	Reconfigured interchange to eliminate C-D roads & replacemodify EB to NB loop ramp with flyover& WB to SB flyover	@ Chain Bridge Road (VA 123)	1	1	—	—	2022

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2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

6/23/2021

	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
381	CE3448	763	I66R25 I66R26	Construct	I-66 Express Lanes Interchange Ramps	EB on-ramp, EB off-ramp, WB on-ramp, WB off-ramp to/from I-66 Express Lanes	@ Chain Bridge Road (VA 123)	0	1	0	1	2022
382	CE3448	765	I66R23 I66R24	Construct	I-66 Express Lanes Interchange Ramps	EB on-ramp, WB off-ramp to/from I-66 Express lanes	@ Lee Jackson Mem Highway (US 50)	0	1	0	1	2022
383	CE3448	766	I66R62	Construct	I-66 Express Lanes Interchange ramps	EB Express Lanes on-ramp from NB US 50	@ Lee Jackson Mem Highway (US 50)	0	1	0	1	2040
384	CE3448	767	I66R19A I66R20A I66R21A I66R22A	Relocate / Reconstruct	I-66 Interchange	Reconfigure interchange with Express lanes ramps shifted to the north of I-66; ; Construct new EB off-ramp, WB on-ramp to/from I-66 Express lanes	@ Monument Drive (US 50)	1	1	Bus / HOV-2 Reversible by time of day	Bus / HOV-3 / HOT Movements in both directions 24 hrs/day	2040
385	CE3448	768	I66R19 I66R20 I66R21 I66R22	Reconstruct / Revise Operations / Construct	I-66 Interchange	Conversion of existing HOV ramps to HOT; Construct new EB off-ramp, WB on-ramp to/from I-66 Express lanes	@ Monument Drive (US 50)	1	1	Bus / HOV-2 Reversible by time of day	Bus / HOV-3 / HOT Movements in both directions 24 hrs/day	2022
386	CE3448	769	I66R17 I66R18	Revise Operations	I-66 Express Lanes Interchange Ramps	Existing reversible HOV ramp converted to HOT EB on ramp only, 24 hrs/day; Construct new flyover ramp for HOT WB off ramp from I-66 Express Lanes, operating 24 hrs/day The existing reversible HOV ramp at Stringfellow Road will be expanded and converted to Express Lanes ramps providing access to and from the east using the Express Lanes. The new ramps will allow two-way traffic to and from the Express Lanes toward the Beltway 24 hours a day.	@ Stringfellow Road	1	1	Bus / HOV-2 Reversible by time of day	Bus / HOV-3 / HOT both directions 24 hrs / day	2022
387	CE3448	771	I66R16	Construct	I-66 flyover ramp	EB express lanes to EB general purpose	1.5 miles west of VA 286	0	1	0	1	2022
388	CE3448	772	I66R41	Construct	I-66 slip ramp	EB general purpose to EB express lanes	2.5 miles west of VA 286	0	1	0	1	2022

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2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

6/23/2021

	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
389	CE3448	773	I66R15	Construct	I-66 flyover ramp	WB express lanes to WB general purpose	1 mile west of VA 286	0	1	0	1	2022
390	CE3448	774	I66R42	Construct	I-66 slip ramp	WB general purpose to WB express lanes	2.0 miles west of VA 286	0	1	0	1	2022
391	CE3448	776	I66R11 I66R12 I66R13 I66R14 I66R40	Construct	I-66 Express Lanes Interchange Ramps	EB Expr to NB GP WB Expr to NB GP SB GP to EB Expr SB GP to WB Expr NB GP to EB Expr	Route 28 Interchange	0	1	0	1	2022
392	CE3448	781?	I66R61	Construct	I-66 Express Lanes Interchange ramps	SB HOV to WB Expr	Route 28 Interchange	0	1	0	1	2040
393	CE3448	917		Construct	I-66 flyover ramp	EB general purpose to EB Express Lanes	.65 miles east of VA Bus 234	0	1	0	1	2022
394	CE3448	920		Construct	I-66 flyover ramp	WB Express Lanes to WB general purpose	.65 miles east of VA Bus 235	0	1	0	1	2022
395	CE3448	778	I66R9 I66R10	Construct	I-66 Express Lanes Interchange Ramps	EB on-ramp, WB off-ramp to/from I-66 Express lanes	@ Balls Ford Road / Ashton Avenue Connector 1.25 mile west of VA Bus 234	0	1	0	1	2022
396	CE3448	779	I66R7 I66R8	Construct	I-66 Express Lanes Interchange Ramps	EB on-ramp, WB off-ramp to/from I-66 Express lanes	@ Cushing Road Park-Ride Lot .5 mile east of VA 234 Bypass	0	1	0	1	2040
397	CE3448	855	I66R38 I66R39	Construct	I-66 Express Lanes Interchange Ramps	EB off-ramp, WB on-ramp to/from I-66 Express lanes	@ VA 234 Bypass to/from south of I-66	0	1	0	1	2040
398	CE3448	781	I66R5 I66R6	Construct	I-66 Express Lanes Interchange Ramps	EB on-ramp, WB off-ramp to/from I-66 Express lanes	@ University Boulevard .75 mile east of US 29	0	1	0	1	2022
399	CE3448	784	I66R1 I66R1A I66R2 I66R2A	Construct	I-66 Express Lanes Interchange Ramps	EB on-ramp & off-ramp, WB on-ramp & off-ramp to/from I-66 Express lanes	@ New connector road between Heathcote Boulevard and VA 55 approx .5 mile west of US 15	0	1	0	1	2040
400	CE3448	785	VSP49C	Construct	I-66 Express Lanes Access Connector Road	Heathcote Boulevard Extension	John Marshall Highway (VA 55)	0	1	0	1	2040
401	CE3179	444	VI2T	Widen	I 395 southbound	VA 236 Duke Street (north of)	VA 648 Edsall Road (south of)	1	1	3	4	2018 Complete
402		854	VI2V	Widen/Revise Operations	I-395 reversible HOV lanes	Turkeycock Run	vicinity of Eads Street	1	1	2 reversible HOV 3+ lanes during peak periods	3 reversible HOT-3+ lanes operating nb in am and sb in pm	2019 complete

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2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

6/23/2021

	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
403				Revise Operations	I-395 Flyover Ramp South of Duke Street (NB)	I-395 NB GP lanes	I-395 HOV lanes	1	1	HOV-3+ in am peak period	HOT-3+ in morning hours	2019 complete
404				Revise Operations	I-395 HOV nb on-ramp at Seminary	Seminary Road	I-395 HOV lanes	1	1	HOV-3+ in am peak period	HOT-3+ in morning hours	2019 complete
405				Revise Operations	I-395 HOV sb off-ramp at Seminary	I-395 HOV lanes	Seminary Road	1	1	HOV-3+ in pm peak period	HOT-3+ in evening hours	2019 complete
406				Revise Operations	I-395 HOV nb on-ramp at Shirlington Circle	Shirlington Circle	I-395 HOV lanes	1	1	HOV-3+ in am peak period	HOT-3+ in morning hours	2019 complete
407				Revise Operations	I-395 HOV sb off-ramp at Shirlington Circle	I-395 HOV lanes	Shirlington Circle	1	1	HOV-3+ in pm peak period	HOT-3+ in evening hours	2019 complete
408				Revise Operations	I-395 HOV sb off-ramp near Edsall Rd.	I-395 HOV lanes	I-395 SB GP lanes	1	1	HOV-3+ in pm peak period	HOT-3+ in evening hours	2019 complete
409				Revise Operations	I-395 NB HOV Ramp to Washington Blvd.	I-395 NB HOV lanes	Washington Blvd. NB	1	1	HOV-3+ in am peak period	HOT-3+ in morning hours	2019 complete
410				Revise Operations	I-395 SB HOV Ramp from Washington Blvd.	Washington Blvd. SB	I-395 SB HOV lanes	1	1	HOV-3+ in pm peak period	HOT-3+ in evening hours	2019 complete
411				Revise Operations	I-395 HOV nb off ramp at Eads Street			1	1	HOV-3+ in am peak period	HOT-3+ in morning hours	2019 complete
412				Revise Operations	I-395 sb HOV on-ramp at Eads Street			1	1	HOV-3+ in pm peak period	HOT3+ in evening hours	2019 complete
413			VI2R47	Remove	I-395 HOV/HOT SB Slip Ramp to I-395 main lanes	Just south of Eads St		1	0	1	0	2019 complete
414	CE2147	270	VI2AC	Reconstruct	I95 Interchange	VA 613 Van Dorn Street		1	1			2030
415	CE3556			Construct	I-95 HOT lanes ramp	.25 miles south of Russell Road (Exit 148)	Russell Road	0	1	0	1	2022

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2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

6/23/2021

	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
416	CE3093	6	NRS	Reconstruct	Boundary Chanel Drive	Old Jefferson Davis Highway (off of I-395 Boundary Chanel Interchange)						2020 2022
417	CE2667	378	BRAC	Construct	I 95 NB Off Ramp at Newington	I-95 NB	Fairfax County Parkway NB	1	1	0	1	2020
418	CE2668	8	BRAC0004 / VI2ra	Construct	I 95 Reversible Ramp (Colocated w/ existing slip ramp from HOV to GP lanes)	I 95 HOV/BUS/HOT Lanes (Located N of Rte. 7100/I 95 I/C Phase II DAR)	EPG Southern Loop Road AM Only	0	1	0	1	2025
419		16	VI2r43a	Construct	I 95 HOV/Bus/HOT Ramp SB Gen Purpose Lanes to SB HOV/Bus/HOT lanes	Between Dumfries Rd. and Joplin Rd.		0	1	0	1	2018
420		18	VI2r45a	Construct	I 95 HOV/Bus/HOT Ramp NB HOV/Bus/HOT lanes to NB Gen Purpose Lanes	Between Joplin Rd. and Russell Rd.		0	1	0	1	2018
421		969	VI2X	Construct	I-95 Auxiliary Lane SB	VA 123	VA 294	1	1	0	1	2022
422	CE3697	1011	VI2R48	Construct	I-95 Opitz Drive Reversible Ramp	I-95 Express Lanes at Opitz Drive	Opitz Drive	1	1	0	1	2022
423	CE3763			Study	I 95/I 495 Gap Study - Study HOT lanes, including potential ramp access at Van Dorn St. and US 1	East Side of Springfield Interchange	East of Wilson Bridge	1	1			not coded
424	CE3272	20	VI4Iaux1	Widen	I 495 Capital Beltway NB Auxiliary Lane	North of Hemming Ave. Underpass	Braddock Road Off Ramp	1	1	4+2	5+2	2030
425	CE3272	21	VI4Iaux2	Widen	I 495 Capital Beltway SB Auxiliary Lane	Braddock Road On Ramp	North of Hemming Ave. Underpass	1	1	4+2	5+2	2030
426	CE3272	22	VI4Iaux3	Widen	I 495 Capital Beltway NB Auxiliary Lane	Braddock Road On Ramp	VA 236 Off Ramp	1	1	4+2	5+2	2030
427	CE3272	24	VI4Iaux5	Widen	I 495 Capital Beltway NB Auxiliary Lane	VA 236 On Ramp	Gallows Road Off Ramp	1	1	4+2	5+2	2030
428	CE3272	25	VI4Iaux6	Widen	I 495 Capital Beltway SB Auxiliary Lane	Gallows Road On Ramp	VA 236 Off Ramp	1	1	4+2	5+2	2030
429	CE3272	29	VI4Iaux10	Widen	I 495 Capital Beltway NB Auxiliary Lane	US 50 On Ramp	I 66 Off Ramp	1	1	5+2	6+2	2030
430	CE3272	32	VI4Iaux13	Widen	I 495 Capital Beltway SB Auxiliary Lane	VA 7 On Ramp	I 66 Off Ramp to WB	1	1	4+2	5+2	2030
431	CE3272	35	VI4Iaux16	Widen	I 495 Capital Beltway SB Auxiliary Lane	VA 123 On Ramp	VA 7 Off Ramp	1	1	5+2	6+2	2030
432	CE3272	38	VI4Iaux19	Widen	I 495 Capital Beltway NB Auxiliary Lane	VA 267 On Ramp	VA 193 Off Ramp	1	1	4+2	5+2	2030 2025
433	CE3272	39	VI4Iaux20	Widen	I 495 Capital Beltway SB Auxiliary Lane	VA 193 On Ramp	VA 267 Off Ramp	1	1	4+2	5+2	2030 2035

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2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

6/23/2021

	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
434	CE2069	999	VI4IRMP1	Construct	I-495 Express Lanes On-Ramp	Dulles Connector Road WB	I-495 Express Lanes NB	0	1	0	1	2025
435	CE2069	1000	part of VI4KA	Construct	I-495 Express Lanes (Shoulder Lane) - NB DIRECTION PEAK PERIODS ONLY	Dulles Connector WB On Ramp	GW Parkway Off Ramp	0	1	0	1	2025
436	CE2069	1001	VI4IRMP2	Construct	I-495 NB Exchange Ramp	Interstate Ramp - I-495 NB GP Lanes at Dulles Toll Road	I-495 NB GP Express Lanes at Dulles Toll Road	0	1	0	1	2045
437	CE2069	1002	VI4IRMP3	Construct	I-495 SB Exchange Ramp	Interstate Ramp - I-495 SB GP Express Lanes at Dulles Toll Road	I-495 SB Express GP Lanes at Dulles Toll Road	0	1	0	1	2045
438	CE2069	40	VI4K	Construct	I 495 Capital Beltway HOT Lanes	American Legion Bridge	George Washington Parkway (south of)	1	1	8	8+4	2025
439	CE2069	41	VI4KA	Construct	I 495 Capital Beltway HOT Lanes	George Washington Parkway (south of)	Old Dominion Drive (south of)	1	1	8	8+4	2025
440	CE3186	49	Part VI4IHOTa	Relocate	I 495 Capital Beltway Interchange Flyover Ramp (Phase 4)	EB Dulles Airport Access Highway to NB General Purpose	at VA 267 Dulles Toll Road	1	1	1	1	2030 2045
441	CE3186	519	Part VI4IHOTa	Construct	I 495 Capital Beltway Interchange (Phase IV)	Provide SB HOT to EB HOV	at VA 267 Dulles Toll Road	1	1			2030 2035
442	CE3186	519	Part VI4IHOTa	Construct	I 495 Capital Beltway Interchange (Phase IV)	Provide EB DTR to NB HOT	at VA 267 Dulles Toll Road	1	1			2030 2025
443	CE3186	517	Part VI4IHOTa	Widen	I 495 Capital Beltway Interchange Ramp (Phase III DTR)	Widen EB DTR ramp to 2 NB lanes	NB GP Lanes	1	1	1	2	2030 2045
444	CE3186	520	VI4Iimp1	Construct	I 495 Capital Beltway Interchange Flyover Ramp (Phase 4)	I 495 Capital Beltway NB GP lanes	Dulles Airport Access Highway (DAAH) WB	0	1	0	1	2030 2045
445	CE3208	50	VI4IHOTb	Construct	I 495 Capital Beltway Interchange Ramp (Phase II, Ramp 3 DAAH)	I 495 Capital Beltway SB	Dulles Airport Access Highway WB	0	1	0	1	2020 2035
446	CE3680	991	VP21G	Widen	Dulles Greenway - eastbound only	Toll Plaza	Dulles Toll Road	1	1	2	3	2019
447				Widen	VA 267 Dulles Toll Road - eastbound only	Dulles Greenway	Centreville Rd. off-ramp	1	1	4	5	2019
448	CE3152	534	VP15E	Construct	VA 267 Dulles Toll Road Ramp	New Boone Boulevard Extension at Ashgrove		0	1	0	2	2037
449	CE3153	535	VP15B	Construct	VA 267 Dulles Toll Road Ramp	Greensboro Drive @ Tyco Road		0	1	0	2	2036
450	CE1965	236	MW1	Widen	Dulles Airport Access Road	Dulles Airport	VA 123	1	1	4	6	2030
Primary												
451	CE3291	549	VP1AH	Widen	US 1 Richmond Highway	Fuller Road	Stafford County Line	2	2	4	6	2040
452	CE2594	631	VP1AD	Widen	US 1 Fraley Blvd. (Town of Dumfries)	Brady's Hill Road	VA 234 Dumfries Road	2	2	4	6	2025

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6/23/2021

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								Fr	To	Fr	To	
453	CE2594	632	VP1ADA	Widen	US 1 Richmond Highway	VA 234 Dumfries Road	Cardinal Drive/Neabsco Road	2	2	4	6	2030
454	CE3173	84	VP1AF	Widen	US 1 Richmond Highway	Featherstone Road	Mary's Way	2	2	4	6	2022
455	CE2161	239	VP1P	Widen	US 1 Richmond Highway	Mary's Way	Annapolis Way	2	2	4	6	2019
456	CE2161	633	NRS	Reconstruct	US 1 Richmond Highway	at VA 123 Gordon Boulevard (Interchange)						2028
457	CE2161	634	VSP63	Construct	Belmont Bay Drive Extension	US 1 Jefferson Davis Highway	Heron's View Way			0	4	2025
458	CE3180	85	VP1AG	Widen	US 1 Richmond Highway	Annapolis Way	Lorton Road Pohick Road	2	2	4	6	2035
459	CE1942	322	VP1U	Widen	US 1 Richmond Highway	VA 235 North Mt. Vernon Memorial Highway	VA 235 South VA 626 Sherwood Hall Ln	2	2	4	6	2025 2028
460	CE3331	653	VP2P	Construct	VA 7 Interchange	At VA 690		2	2	0	4	2025
461	CE1870	86	VP2JA	Widen	VA 7 Bypass	VA 7 West	US 15 South King Street South	5	1	4	6	2040
462	CE1870	299	VP2J	Widen	VA 7 Bypass	US 15 South King Street	VA7/US 15 East	5	1	4	6	2040
463	CE2105	221	VP2M	Widen	VA 7	Reston Avenue	West Approach to Bridge over Dulles Toll Road Jarrett Valley Dr.	2	2	4	6	2025 2024
464	CE2105	628	VP2Lb	Widen	VA 7 Leesburg Pike	VA 123 Chain Bridge Road	I 495 Capital Beltway	2	2	6	8	2030
465	CE3161	87	VP2N	Widen	VA 7 Leesburg Pike	I 495	I 66	2	2	4	6	2030
466	CE2175	347	VP2B	Widen	VA 7	Seven Corners	Bailey's Crossroads	2	2	4	6	2030
467	CE3701	1022	NRS	Study	VA 7 Interchange	VA 123 Dolly Madison Road						2030
468	CE3327	682	NRS	Construct	VA 7 Overpass at	George Washington Boulevard		0	4	0	4	2022 2024
469	CE2664	621	nrs	Construct	VA 7 Interchange	at VA 659 Belmont Ridge Road		2	2	6	6	2017 2020 complete
470	CE3523	1023	NRS	Construct	US 15 Bypass / Battlefield Parkway Interchange			2	2	4	4	2035
471	CE3162	253	VP4EA	Widen	US 15 James Madison Highway	US 29 Lee Highway	Haymarket Drive	3	3	2	4	2040
472	CE3162		VP4EC	Widen	US 15 James Madison Highway Overpass	1200' S of RR tracks	1000' N. of RR tracks	3	3	2	4	2030

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6/23/2021

	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
473	CE3738	881	VP4G	Widen	US 15	Battlefield Parkway	Montresor Road	2	2	2	4	2022 2026
474	CE2045	88	VP6H	Widen	VA 28	Fauquier County Line	VA 652 Fitzwater Drive	3	3	2	4	2040
475	CE2045	309	VP6kA	Widen	VA 28	VA 652 Fitzwater Drive	VA 215 Vint Hill Road	3	3	2	4	2019
476	CE2045	326	VP6MA	Widen	VA 28	Godwin Drive	Manassas City limits	3	2	4	6	2019
477	CE2045	89	VP6K	Widen	VA 28 Nokesville Road	Manassas City Limits	VA 619 Linton Hall Road	3	3	4	6	2022
478	CE1734	1037	VP6EDD	Convert	VA 28 PPTA Phase II- HOV	I-66	Westfields Blvd	5	5	8+ 2 aux	6 + 2aux + 2 HOV	2040
479	CE1734	873	VP6EDE	Convert	VA 28 PPTA Phase II- HOV	Westfields Blvd	Dulles Toll Road	5	5	8	6 + 2 HOV	2040
480	CE1734	310 791	VP6EAA	Widen	VA 28 PPTA Phase II	I 66	Westfields Blvd	5	5	6	8+ 2 aux	2021
481	CE1734		VP6EAB	Widen	VA 28 PPTA Phase II	Westfields	US 50	5	5	6	8	2025
482	CE1734		VP6EBB	Widen	VA 28 PPTA Phase II	US 50	Sterling Blvd.	5	5	6	8	2016
483	CE1734	310	VP6ECC	Widen	VA 28 PPTA Phase II	Sterling Blvd.	VA 7	5	5	6	8	2025
484	CE3181	656		Study	VA 28 Manassas Bypass /VA 411	VA 234 Godwin Drive/Route 234 on the western edge of the City of Manassas	I66 proposed interchange btwn Rt234 Business & Rt28 on I-66 Proposed Interchange					Not Coded
485	CE3479	737	VP6N	Widen	VA 28 Centreville Road	US 29	Prince William County Line	2	2	4	6	2023
486	CE1865	995	VP6O	Construct	VA 28 Manassas Bypass	VA 234 Sudley Road	VA 28 Centreville Road	0	5	0	4	2025
487	CE3383	730		Study	VA 28	US 29	Liberia Avenue					Not Coded

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6/23/2021

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								Fr	To	Fr	To	
488		620	VP7s	Widen	US 29 (add NB lane)	I 66	Entrance to Conway Robinson MSF	3	2	4	5	2030
489	CE1933	620	VP7s	Widen	US 29 (add NB lane)	Legato Raod	Shirley Gate/Waples Mill Rd.	3	2	4	5	2017-2019 complete
490	CE1933	349	VP7AA	Widen	US 29	ECL City of Fairfax (vic. Nutley St.)	Espana Court	2	2	4	6	2025-2040
491	CE1933	625	VP7AB	Widen	US 29	Espana Court	I 495 Capital Beltway	2	2	4	6	2025-2040
492	CE3474	731	VP7T	Widen	US 29 Lee Highway	VA 659 Union Mill Road	Buckleys Gate Drive	2	2	4	6	2024
493	CE2182	319	VP8H	Widen	US 50	ECL City of Fairfax	Arlington County Line	2	2	4	6	2025-2035
494	CE3739	2500		Construct	US50 North Collector Road	Tall Cedars Parkway	VA 28/ Air and Space Museum	2	2	2	4	2029
495		94	NRS	Construct	US 50 Interchange	VA 606 Loudoun County Parkway		2	2	6	6	2025
496		657	NRS	Construct	US 50 Interchange	West Spine/Gum Springs Road		2	2	6	6	2035
497		658	NRS	Construct	US 50 Interchange	South Riding Boulevard		2	2	6	6	2035
498		659	NRS	Construct	US 50 Interchange	Tall Cedars Parkway		2	2	6	6	2035
499	CE3603	885	NRS	Upgrade/ Intersection	Route 50 & Everfield Drive			2	2	2	2	2022-2026
500	CE3694	997	VP16	Widen	VA 55	Route 29	Town of Haymarket - Fayette St.			2	4	2028
501	CE1723	245	VP10G	Widen	VA 123	US 1	Annapolis Way	2	2	4	6	2025
502	CE1784	235	VP10H	Widen	VA 123 Ox Road	Hooes Rd.	Fairfax Co. Parkway	2	2	4	6	2030
503	CE1784	337	VP10F	Widen	VA 123 Ox Road	Fairfax Co. Parkway	Burke Center Parkway	2	2	4	6	2030
504	CE1856	300	VP10R	Widen	VA 123	Burke Center Parkway	Braddock Road	2	2	4	6	2030
505		95	VP10S	Widen	VA 123	VA 677 Old Courthouse Road	VA 7 Leesburg Pike			4	6	2030
506	CE3376	595	VP10T	Widen	VA 123 Chain Bridge Road	VA 7 Leesburg Pike	I 495 Capital Beltway	2	2	6	8	2030
507	CE3698	1016	NRS	Upgrade	VA 123	I-495 Capital Beltway	VA 267 Dulles Access Road	2	2	6	6	2030
508	CE3698	1015	VP10U	Widen	VA 123	VA 267 Dulles Access Road	VA 634 Great Falls Street	2	2	4	6	2030
509	CE3371	590	VP24B	Widen	VA 215 Vint Hill Road	Kettle Run Drive	VA 1566 Sudley Manor Drive	4	4	2	4	2020

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2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

6/23/2021

	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
510	CE3641			Widen	VA 234 Sudley Road	Grant Road	Godwin Drive	2	2	2	3	2021
511	CE1897	286	VP120	Construct	VA 234 Bypass Extension North	VA 234 Bypass@I-66 (Prince Wm. Co.)	US 50 (Loudoun Co.)		5		4	2040
512	CE3177	678		Construct	VA 234 Bypass Interchange	Balls Ford Road Relocated						2022
513	CE3178	660		Construct	VA 234 Bypass Interchange	Dumfries Road/Brentsville Road						2025 2024
514		739		Construct	VA 234 Byp-Prince William Parkway Interchange at	VA 840 University Boulevard						2030
515	CE3703		NRS	Construct	VA 234 Bypass Interchange	Clover Hill Road						2026
516	CE3467	727	NRS	Construct	VA 234 Prince William Parkway Interchange at	VA 1566 Sudley Manor Dr.						2030
517	CE1760	311	VP13A	Widen	VA 236	Pickett Road	I 395	2	2	4	6	2025 2035
518	CE2106	264	VSF25aa	Convert	VA 286 Fairfax County Parkway HOV	VA 267 Dulles Toll Road	Sunrise Valley Drive	5	5	6	4+2	2035
519	CE2106	96	VSF25ea	Widen	VA 286 Fairfax County Parkway	Sunrise Valley	West Ox Road Rugby Road	5	5	4	6	2035
520	CE2106	97	VSF25e	Convert	VA 286 Fairfax County Parkway HOV	West Ox Road	US 50	5	5	6	4+2	2035
521	CE3702	1024	NRS	Widen/Construct	VA 286 Fairfax County Parkway Interchange	VA 654 Pope's Head Road		2	2	4	6	2025 2024
522	CE2106	98	VSF25y	Upgrade	VA 286 Fairfax County Parkway HOV	US 50	VA 7735 Fair Lakes Parkway	2	5	6	4+2	2035
523	CE2106	101	VSF25z	Widen/Upgrade	VA 286 Fairfax County Parkway HOV	VA 7735 Fair Lakes Parkway	I 66	2	5	6	6+2	2035
524	CE2106	320	VSF25g	Widen	VA 286 Fairfax County Parkway	US 29	Rolling Rd. VA 123 Ox Road	5	5	4	6	2030
525				Widen	VA 286 Fairfax County Parkway	VA 123	Sydenstricker Road	5	5	4	6	2030 2040
526	CE1833	304	VSF26	Construct	VA 289 Franconia Springfield Parkway HOV	VA 286 Fairfax County Parkway	VA 2677 Frontier Drive	5	5	6	6+2	2025

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2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

6/23/2021

	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
527	CE1833	104	NRS	Construct	VA 289 Franconia-Springfield Parkway Interchange	Neuman Street		1	1			2035
528	CE1833	105	VSF26b	Upgrade	VA 289 Franconia-Springfield Parkway-HOV	VA 638 Rolling Road	VA 617 Backlick Road	5	5	6	6+2	2025
529		408	VSP23d	Widen	VA 294 Prince William County Parkway	VA 776 Liberia Avenue	VA 642 Hoadly Road	2	2	4	6	2040
530	CE3704	1028	NRS	Construct	VA 294 Prince William Parkway Intersection Improvements	VA 641 Old Bridge Road						2028
531	CE3705	1027	NRS	Construct	VA 294 Prince William Parkway Interchange	VA 640 Minnieville Road						2028
532	CE3151	106	VP15CD	Construct	Collector-Distributor Rd Westbound (parallels Dulles Toll Rd.)	Route 7 Leesburg Pike	VA 828 Wiehle Avenue	0		0	+1	2035 2037
533	CE3154	107	VP15CDE	Construct	Collector-Distributor Rd Eastbound (parallels Dulles Toll Rd.)	VA 828 Wiehle Avenue	Route 7 Leesburg Pike	0		0	+1	2035 2036
534	CE3154	1033	VP15CD2	Construct	Collector-Distributor Rd Westbound (parallels Dulles Toll Rd.)	Route 7 Leesburg Pike	Spring Hill Rd.			0	+2	2035
535	CE3151		VP15CDE2	Construct	Collector-Distributor Rd Eastbound (parallels Dulles Toll Rd.)	Spring Hill Rd.	Route 7 Leesburg Pike			0	+2	2035
Urban												
536	CE2139	313	VU28B	Construct	Battlefield Parkway	US 15 south of Leesburg	Dulles Greenway	0	2	0	4	2020
537	CE3222	52	VU30F	Widen/Reconstruct	East Elden Street	Monroe Street	Fairfax County Parkway	3	2	4	6	2020 2026
538	CE1783	328	VU52	Widen	Eisenhower Avenue	Mill Road	Holland Lane	3	3	4	6	2019 2023
539	CE3300	553	VU55	Widen	Evergreen Mills Road	US 15 S. King Street	South City Limits of Leesburg	4	4	2	4	2022 2021 Complete
540	CE3286	681	VU56	Construct	Farrington Avenue	Van Dorn Street at Eisenhower Avenue	Edsall Road	0	4	0	2	2035 2034
541	CE1952	267	VU10B	Widen/Reconstruct	Spring Street	Herndon Parkway (East)/Spring Street	Fairfax County Parkway Interchange	3	2	4	6	2021 2024
542	CE2073	232	VU33	Widen	Sycolin Road	VA7/US 15 Bypass	SCL of Leesburg	4	4	2	4	2020 2027
543	CE2671	382	NRS	Construct	US 15 Bypass Interchange	At Fort Evans Road and Edwards Ferry Road		5	2	4	4	2025

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**2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS
(highway)**

6/23/2021

	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
544	CE2020	299	VU45	Widen	VA 234 Dumfries Road Business	South Corporate Limits	Hastings Drive	3	3	2	4	2040
545	CE3375	594	NRS	Reconstruct	VA 234 Grant Avenue	Lee Avenue	Wellington Road	3	3	4	2	2020
546	CE3174	53	nrs	Construct	Intersection Improvement	King Street	Beauregard Street					2018 2025
547	CE3175	54	nrs	Construct	Ellipse	Seminary Road	Beauregard Street					2020- 2028
548	CE3166	56	NRS	Reconstruct	Herndon Parkway (East): Transit Drop-off/Pick-Up Access to Herndon Metrorail Station	East of Rte 666/Van Buren Street (at 593 Herndon Parkway)	West of Rte 675 / Spring Street (at 575 Herndon Parkway)	2	2	4	4	2018 2023
549		725	NRS	Reconstruct	Herndon Parkway/Van Buren Street (south) intersection	Herndon Parkway/Van Buren Street (south)	Worldgate Drive/Van Buren Street (south)	2	2	4	4	2019 2022
550	CE3441	687	NRS	Reconstruct	VA 17 Intersection Improvements in Warrenton	South of Frost Ave.	South of Winchester St.					2021
Secondary												
Arlington County												
551	CE2830	411	AR17a	Widen	Washington Boulevard	Wilson	Kirkwood	3	3	3	4	2019 2022
552	CE3657	951	NRS	Construct	12th Street South	VA-120 (South Glebe Rd.)	South Monroe St	4	4	0	2	2019 2024
553	CE3677	987	AR30	Convert to 2-way	27th Street South	US-1	Crystal Drive	4	4	4	4	2019
554	CE3678	988	AR31	Demolish	South Clark Street	12th Street South	20th Street South	4	0	2	0	2019
Fairfax County												
555	CE1849	336	FFX2a	Widen	VA 602 Reston Pkwy.	VA 5320 Sunrise Valley Dr.	VA 606 Baron Cameron Avenue Sunset Hills Road	3	3	4	6	2020 2040
556			FFX2c	Widen	VA 602 Reston Pkwy.	Sunset Hills Road	New Dominion Parkway	3	3	4	6	Complete
557	CE1849	4041	FFX2b	Widen	VA 602 Reston Pkwy.	New Dominion Parkway	VA 606 Baron Cameron Avenue	3	3	4	6	2040
558	CE3475	732	VSF44	Widen	VA 608 Frying Pan Road	VA 28 Sulley Road	VA 657 Centreville Road	3	3	2	4	2025 2030
559	CE2186	218	VSF4ca	Widen	VA 611 Telegraph Road	Leaf Road North	VA 635 Hayfield Road	3	3	2	4	2025 2040
560	CE2186	298	VSF4i	Widen	VA 611 Telegraph Road	VA 635 Hayfield Road	VA 613 (Van Dorn St.)	3	3	2	4	2025 2040

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2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

6/23/2021

	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
561	CE2186	62	VSF4h	Widen	VA 611 Telegraph Road	VA 613 S. Van Dorn	VA 644 Franconia Road	3	3	2	3	2025 2040
562	CE3275	63	VSF15b	Construct	VA 613 Van Dorn Interchange	VA 644 Franconia Road		0	0	0	0	2025 2035
563	CE2158	301	VSF8g	Widen	VA 620 Braddock Road	VA 286 Fairfax County Parkway	VA 123 Ox Road	3	3	4	6	2025 2040
564	CE3731	2484	VSF8K	Widen	VA 620 Braddock Road	Paul VI Eastern Entrance	Loudoun County Parkway	3	3	2	4	2028
565	CE2206	334	VSF8j	Construct/Widen	VA 620 New Braddock Rd.	VA 28	US 29 @ VA 662 (Stone Rd.)	0/4	3	0/2	4	2025
566	CE3478	736	VSF45	Widen	VA 636 Hooes Road	VA 286 Fairfax County Parkway	VA 600 Silverbrook Road	3	3	2	4	2025
567	CE1936	302	VSF10a	Widen	VA 638 Rolling Road	VA 286 Fairfax County Parkway	Viola St. VA 644 Old Keene Mill Road	3	3	2	4	2025 2026
568	CE3301	586	VSF10E	Widen	VA 638 Rolling Road	Rt 5297 DeLong Drive	Fullerton Drive Virginia Dr.	3	3	2	4	2022 2035
569	CE2645	377	VSF10c	Widen	VA 638 Pohick Road	VA 1	I 95	3	3	2	4	2025
570	CE1859	217	FFX11a	Widen	VA 645 Stringfellow Road	US 50	VA 286 Fairfax County Parkway	3	3	2	4	2030 2040
571		64	VSF37a	Widen	VA 650 Gallows Road	VA 7 Leesburg Pike	VA 699 Prosperity Ave.	2	2	4	6	2038
572	CE2833	65	VSF33a	Widen	VA 651 Guinea Road	VA 6197 Roberts Parkway	VA 4807 Pommeroy Drive	3	3	2	4	2025 2040
573	CE1748	255	FFX12a	Construct	VA 651 New Guinea Road	VA 123 Ox Road	Roberts Road	0	3	0	4	2025 2040
574	CE3442	688	VSF17b	Construct	VA 655 Shirley Gate Road	VA 286 Fairfax County Parkway	VA 620 Braddock Road	0	3	0	4	2030
575		346	VSF18C	Widen	VA 657 Centreville Road	VA 8390 Metrotech Dr.	VA 668 McLearen Road	3	3	4	6	2040
576	CE3150	66	NRS	Construct	Boone Boulevard Extension	VA 123 Chain Bridge Road	Ashgrove Lane			0	4	2036
577	CE3460	724	VSF46	Construct	VA 2677 Frontier Drive	Franconia-Springfield Transportation Center	VA 789 Loisdale Road	0	4	0	4	2024 2030
578	CE3155	69	NRS	Construct	Greensboro Drive WB	Spring Hill Road	Tyco Road	0	4	0	2	2034
579	CE3158	68	VSF43	Widen	Magarity Road	VA 7 Leesburg Pike	VA 694 Great Falls Street			2	4	2037

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2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

6/23/2021

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								Fr	To	Fr	To	
580	CE3157	67	NRS	Construct	New Bridge/Road Crossing- bike ped only	Tysons Corner Center Ring Road	Old Meadow Road			0	0	2036 2022
581	CE3609	882	VSF48	Construct	Rock Hill Road Overpass Davis Dr. Bridge	VA 5320 (Sunrise Valley Dr.)	VA 209 (Innovation Avenue)	0	4	0	4	2030
582	CE3450	722	VSF49	Construct	Soapstone Drive 4-Lane Overpass	Sunrise Valley Drive	Sunset Hills Road	0	4	0	4	2027
583	CE3699	1017	VSF50	Construct	Town Center Parkway Underpass of Dulles Toll Road	VA 5320 Sunrise Valley Dr.	VA 675 Sunset Hills Road	0	4	0	4	2030
584	CE3060	442	VSF41	Construct/Widen	VA 8102 Scotts Crossing Rd	VA 123 Dolly Madison Blvd	Jones Branch Dr			0/2	4	2018
585	CE3759	4080		Construct	Worldgate Drive Extension	Van Buren Street	Herndon Parkway	0	3	0	4	2030
Loudoun County												
586	CE3355	661	NRS	Construct	VA 606 Ramp	VA 606 Eastbound	VA 789 Lockridge Road Northbound			0	2	2020
587		330	VSL1B	Widen/Upgrade	VA 606/607 Old Ox Rd/Loudoun County Parkway	VA 634 Moran Rd	VA 621 Evergreen Mills Rd	4	3	2	4	2018
588	CE3315	566	VSL10E	Widen	VA 607 Loudoun County Parkway	US 50	VA 606 at new Arcola Blvd.	3	3	4	6	2030
589		275	VSL10bb	Widen/Upgrade	VA 607 Loudoun County Parkway	W&OD Trail	Redskin Park Drive	4	3	4	6	2025
590	CE3736	2493	VSL10F	Widen	VA 607 Loudoun County Parkway	Shellhorn Road	Ryan Road	3	3	4	6	2022
591	CE3604	890	VSL2C	Widen	VA 620 Braddock Rd	VA 659	Fairfax County Line	3	3	2	4	2025
592	CE3605	889	VSL2D	Widen	VA 620 Braddock Rd	VA 659	Royal Hunter Drive	4	4	2	4	2025
593	CE3606	884	NRS	Reconstruct	VA 620 Braddock Road	Braddock Road	Summerall/Supreme	4	4	2	2	2020 2022
594	CE3601	887	NRS	ReAlign Intersections	VA 621 Evergreen Mills Rd	Watson Road	Reservoir Road	3	3	2	2	2020 2024
595	CE3311	578 580	VSL62	Widen	VA 621 Evergreen Mills Road (Eastern Segment)	VA 607 Loudoun County Parkway - Northstar Boulevard	VA 659 Belmont Ridge Road - Stone Springs Boulevard	4	4	2	4	2025
596	CE3312	578 580		Construct	VA 621 Evergreen Mills Road (Western Segment)	VA 842 Arcola Boulevard	VA 659 Belmont Ridge Road	4	4	2	4	2025
597	CE3333	683	NRS	Construct	VA 625 Waxpool Road/ VA 607 Loudoun County Parkway Interchange Improvements	Loudoun County Parkway	Waxpool Road	3	3	4	4	2019 2024

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6/23/2021

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								Fr	To	Fr	To	
598	CE3443	689	VSL54	Widen	VA 640 Farmwell Road	VA 1950 Smith Switch Road	VA 641 Ashburn Road	4	4	4	6	2020- 2022
599	CE2209	335	VSL45	Widen Study	VA 643	Leesburg Town Limits	Crosstrails Boulevard	3	3	2	4	2025 not coded
600	CE3502	827	VSL65	Construct	VA 643 Shellhorn Extended	VA 606 Loudoun County Parkway	VA 634 Moran Road	0	4	0	4	2020 2023
601	CE3499	825	VSL64	Construct	VA 645 Westwind Blvd Drive Extended	VA 607 Loudoun County Parkway	VA 606 Old Ox Rd.	0	4	0	4	2020 2026
602	CE3734	2489	VSL68	Widen	VA 645 Croson Ln.	Clairborn Parkway	Old Ryan Road			2	4	2027
603	CE1897	72	VSL4ac	Widen	VA 659 Belmont Ridge Road	VA 7 Leesburg Pike	VA 267 Dulles Greenway	4	3	2	4	2018
604	CE1897	746	VSL4AD	Widen/Upgrade	VA 659 Belmont Ridge Road	VA 645 Croson Lane	VA 267 Dulles Greenway	4	3	2	4	2025- 2023
605	CE1897	2523	VSL4G	Widen	VA 659 Belmont Ridge Road	Arcola Mills Drive	Shreveport Drive			2	4	2028
606	CE1818	297	VSL4f	Widen	VA 659 Gum Spring Rd.	Prince William County Line	VA 620 Braddock Road	4	4	2	4	2035
607	CE3306 CE3307	573 574 575	VSL61	Construct	VA 842 Arcola Boulevard (Southern Segment)	US 50	VA 607 Loudoun County Parkway	0	4	0	4	2022
608	CE3067	76	VSL40F	Construct	VA 901 Clairborne Parkway	VA 645 Croson Lane	VA 772 Ryan Road	0	4	0	4	2019
609	CE3309	576	VSL63	Construct	VA 774 Creighton Road (completion of eastern end)	VA 659 Belmont Ridge Road Northstar Boulevard	VA 621 Evergreen Mills Road	0	4	0	4	2025 2020
610	CE3323	641	VSL58	Construct	Ashburn Silver Line Station Connector Bridge	VA 267 Dulles Greenway	Ashburn Silver Line Station	4	4	0	4	2019 Complete
611	CE3734	883	VSL66	Widen	Croson Ln	Clairborn	Mooreview Pkwy	4	4	2	4	2025
612		577	VSL56	Construct	Crosstrail Boulevard	VA 625 Sycolin Road	Kincaid Boulevard	0	4	0	4	2019 Complete
613	CE3735	2491	VSL56A	Construct	Crosstrail Boulevard	VA 625 Sycolin Road	Dulles Greenway	0	4	0	4	2026
614		662	NRS	Construct	VA 868 Davis Drive	VA 606 Old Ox Road	VA 846 Sterling Boulevard	0	4	0	4	2025

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6/23/2021

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								Fr	To	Fr	To	
615	CE3313 & CE3314	564 & 565	VSL67A	Construct	Dulles West Blvd. Phase I & Phase II	Dulles Landing Drive - VA 607 Loudoun County Parkway	Arcola Blvd	0	4	0	4	2022
616	CE2582	1031	VSL67B	Construct	Dulles West Blvd. Phase III	Arcola Blvd	Northstar Dr.	0	4	0	4	2025
617		888	NRS	Reconstruct	Elk Lick Rd Intersections	US 50	Tall Cedars Pkwy	4	4	2	2	2020
618	CE3602	886	NRS	Construct	Moorefield Boulevard	Mooreview Parkway	Moorefield Station	0	4	0	3	2020
619	CE3316	568	VSL57	Construct	VA 2298 Mooreview Parkway (Missing Link)	VA 2773 Amberleigh Farm Drive	VA 772 Old Ryan Road	0	4	0	4	2019
620	CE3318	570	VP12R	Construct	VA 3171 Northstar Boulevard (Missing Link #79)	Shreveport Drive	US 50	0	3	0	4	2022
621	CE3737	2495	VP12S	Construct	VA 3171 Northstar Boulevard	Tall Cedars Parkway	Braddock Road	0	3	0	4	2028
622	CE3320	572	VSL59	Construct	VA 1071 Prentice Drive (Western Segment)	VA 607 Loudoun County Parkway	Loudoun Station Drive	0	4	0	4	2019 2026
623	CE3321	556	VSL59	Construct	VA 1071 Prentice Drive Eastern Segment	VA 789 Lockridge Road	VA 607 Loudoun County Parkway	0	4	0	4	2019 2026
624	CE3501	826	VSL48B	Construct	VA 2401 Riverside Parkway	VA 607 Loudoun County Parkway	VA 2020 Ashburn Village Boulevard Extension	0	4	0	4	2018 2022
625	CE3324	559	VSL49B	Construct	VA 1061 Russell Branch Parkway (Western Segment)	VA 659 Belmont Ridge Road	Tournament Parkway	0	4	0	4	2017 2024
626	CE3326	563	VSL55A	Construct	Shreveport Drive (Western Segment) - Evergreen Mills Road	VA 621 Evergreen Mills Road	VA 659 Belmont Ridge Road	0	4	0	4	2025 2021 Completed
627	CE3329	562	VSL60	Construct	VA 846 Sterling Boulevard Extension	VA 1036 Pacific Boulevard	VA 634 Moran Road	0	4	0	4	2025
628	CE3332	555		Widen	VA 2119 Waxpool Road	VA 2070 Demott Road	VA 2020 Ashburn Village Boulevard	4	4	2	4	2018
Prince William County												
629	CE3187	82	VSP2i	Widen	VA 619 Fuller Road	US 1	VA 619 Fuller Heights Road Relocated			2	4	2025

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6/23/2021

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								Fr	To	Fr	To	
630	CE3693	996	VSP3D	Widen	VA 621 Devlin Road	Linton Hall Road	Wellington Road			2	4	2028
631	CE2357	79	VSP3b	Widen/Upgrade	VA 621 Balls Ford Road	Sudley Rd	Doane Drive	4	3	2	4	2022
632	CE2357	690	VSP64		VA 621 Balls Ford Road Relocated	Doane Drive	Devlin Road	0	3	0	4	2022
633	CE3372	591	VSP66	Construct	VA 627 Van Buren Road	VA 234 Dumfries Road	VA 610 Cardinal Drive	0	4	0	4	2040
634	CE3374	593	VSP65	Widen	VA 638 Neabsco Mills Road	US 1 Jefferson Davis Highway	Smoke Ct.			2	4	2023
635		376	VSP5e	Widen	VA 640 Minnieville Road	VA 643 Spriggs Road	VA 234 Dumfries Road	3	3	2	4	2018
636	CE3695	998	VSP17C	Widen	VA 674 Wellington Road	University Boulevard	VA 621 Devlin Road/Balls Ford Road	3	3	2	4	2028
637	CE2145	646 581	VSP17ba	Widen	VA 674 Wellington Road	VA 621 Devlin Road/Balls Ford Road	VA 234 Prince William Parkway Bypass	3	3	2	4	2025
638	CE2145	338 589	VSP17b	Widen	VA 674 Wellington Road	VA 234 Bypass Prince William Parkway	VA 668 Rixlew Lane	3	3	2	4	2035
639	CE1754	308	VSP18	Widen	VA 676 Catharpin Rd.	VA 55 John Marshall Highway	Heathcote Blvd.	3	3	2	4	2040 2020
640	CE3753	4600		Construct	Annapolis Way Extension	VA 123 Commuter Lot Entrance	Current termini west of Marina Way			0	2	2028
641	CE3754	3520		Study	HOV lanes on Dale Blvd/PW Pkwy/Minnieville Rd	Dale Blvd / PW Pkwy / Minnieville Rd						not coded
642	CE3756	3580		Construct	Horner Road	VA 123 Gordon Blvd	Annapolis Way	0	4	0	2	2030
643	CE2876	4123		Widen	Liberia Avenue	VA 28	Richmond Avenue			4	6	2025
644	CE1985	401	NRS	Construct	McGraws Corner Dr. / Thoroughfare Rd.	US 29 Lee Highway @ Virginia Oaks Dr.	US 15 @ Thoroughfare Dr.	0	4	0	4	2040
645	CE1921	219	VSP25b	Widen	VA 1781 New Telegraph Road/Summit School Road	Horner Road/Park'n'Ride Lot Access	VA 2190 Summit School Road Extension	4	4	2	4	2025
646	CE3480	745	NRS	Construct	VA 234 Potomac Shores Parkway	US 1 Jefferson Davis Highway	VA 4700 River Heritage Boulevard	0	4	0	4	2020
647	CE2008	325	VSP20C	Widen/Upgrade	VA 1392 Rippon Boulevard Extension	West of Wigeon Way	Rippon VRE Station	4	3	2	4	2040 2030
648	CE3482	743	NRS	Widen	VA 4700 River Heritage Boulevard	VA 234 Potomac Shores Parkway	Dominica Drive	4	4	2	4	2020
649	CE3481	744	NRS	Construct	VA 4700 River Heritage Boulevard	Dominica Drive	VA 234 Potomac Shores Parkway	0	4	0	2	2020
650	CE3293	642	VSP62a	Construct	Rollins Ford Road	Wellington Road	Linton Hall Road	0	3	0	4	2040

NOTE: Shaded areas represent changes from the 2020 Amendment to Visualize 2045.
Orange shading indicates projects removed by TPB at June 16 vote (rows 145-151 and 167-168).

2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

6/23/2021

	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
651		643	VSP67	Construct	VA 2190 Summit School Road Extension	Telegraph Road	VA 2190 Summit School Road (south end of existing)	4	4	2	4	2025
652	CE1837	257	VSP25c	Widen	VA 1781 Telegraph Rd.	VA 294 (Prince William Pkwy)	VA 849 (Caton Hill Rd.) – Horner Road Park-n-Ride Lot Access	4	4	2	4	2025
653	CE3755	3560		Construct	Thorough Blvd.	VA 640 Minnieville Road	Elm Farm Road			0	2	2030
654		83	VSP47e	Construct	University Boulevard	Sudley Manor Drive	Wellington Rd/Progress Ct.	0	3	0	4	2035
655	CE2176	904		Construct	Williamson Blvd	Sudley Manor Drive	Portsmouth Road			0	4	2030
FAMPO												
656			VI2RFA	Construct/revise operations	I-95 :HOV/Bus/HOT Lanes- single reversible lane	north of Garrisonville Road (south of Aquia Creek) at flyover	south of Garrisonville Road	1	1	0	1	2018
657			VI2RFB	Construct	I 95 : HOV / Bus / HOT Lanes: Southbound Ramp	South of Garrisonville Road	SB HOT Lanes to SB GP Lanes	1	1	0	1	2018
658			VI2RFC	Construct	I 95 : HOV / Bus / HOT Lanes: Northbound Ramp	South of Garrisonville Road	NB GP Lanes to NB HOT Lanes	1	1	0	1	2018
659			VI2rf	Construct	I 95 : HOV / Bus / HOT Lanes	Rte. 610 (Garrisonville Rd.) in Stafford County	VA 17 Warrenton Rd. (exit 133)	1	1	0	2	2022
660				Study	I 95 : HOV / Bus / HOT Lanes	VA 17 Warrenton Road (exit 133)	VA 17 in Spotsylvania County (exit 126)	1	1	0	2	not coded
661				Construct	I 95 : HOV / Bus / HOT Lanes: Ramp	South of Telegraph Road (North of Aquia Creek)	SB GP Lanes to SB HOT Lanes	1	1	0	1	2022
662				Construct	I 95 : HOV / Bus / HOT Lanes: Ramp	South of Telegraph Road (North of Aquia Creek)	NB HOT Lanes to NB GP Lanes	1	1	0	1	2022
663				Construct	I 95 : HOV / Bus / HOT Lanes: Ramp	North of Garrisonville Road (south of Aquia Creek)	NB GP Lanes to NB HOT Lanes	1	1	0	1	2022
664			VI2RFD	Construct	I 95 : HOV / Bus / HOT Lanes: Ramp	At Courthouse Rd.	NB AM on-ramp	1	1	0	1	2022
665			VI2RFE	Construct	I 95 : HOV / Bus / HOT Lanes: Ramp	at Courthouse Rd.	SB PM off-ramp	1	1	0	1	2022
666			FAI1F	Widen	I-95 northbound	Exit 126 (US 1/VA17)	Exit 130 (VA 3 Plank Rd.)	1	1	3	4	2035
667			FAI1G	Construct	I-95 northbound 3 lane collector distributor road	Exit 130 (VA 3 Plank Rd.)	Exit 133 (VA 17 Warrenton Rd.)	1	1	3	6	2025
668			FAI1H	Widen	I-95 northbound	Exit 133 (VA 17 Warrenton Rd.)	Exit 136 (Centerport Parkway)	1	1	3	4	2045
669			FAI1HA	Construct	I-95 4th auxiliary lane	Exit 133 (VA 17 Warrenton Rd.)	Exit 136 (Centerport Parkway)	1	1	X	X+1	2045
670			FAI1J	Widen	I-95 southbound	Exit 130	Exit 126 (US 1/VA17)	1	1	3	4	2035
671			FAI1K	Construct	I-95 southbound	1.3 miles south of Exit 130	.3 miles north of Truslow Rd	1	1	x	x+3cd	2025
672			FAS22A	Widen	VA-3 (William St)	Gateway Blvd.	William St./Blue Gray Parkway			4	6	2030
673			FAS22	Widen	VA 3 (Spotsylvania)	Chewing Lane	VA 627 (Gordon Rd.)	2	2	4	6	2013
674			FAP6E	Widen	Tidewater Trail 17 Business/VA 2	US Beulah Salisbury Dr.	US 17 Bypass (Mills Dr.)	2	2	2	4	2035
675			FAP6	Widen	US 17	US 1	Hospital Blvd.	2	2		4	2025

NOTE: Shaded areas represent changes from the 2020 Amendment to Visualize 2045. Orange shading indicates projects removed by TPB at June 16 vote (rows 145-151 and 167-168).

**2022 Update to VISUALIZE 2045 AIR QUALITY CONFORMITY NETWORK INPUTS
(highway)**

6/23/2021

	PIT Project ID	Con ID	Project ID	Improvement	Facility	From	To	Facility		Lanes		Completion Date
								Fr	To	Fr	To	
676			FAP6C	Widen	US 17 (Warrenton Rd.)	McLane Drive	Stafford Lakes Parkway	2	2	4	6	2020
677			FAP7A	Widen	VA 218 (Butler Rd.)	Carter St.	Castle Rock Dr.	4	4	2	4	2045
Fredericksburg												
678				Construct	Carl D. Silver Pkwy Ext.	current terminus	Gordon Shelton Blvd.			0	4	2035
679			FAU1		Fall Hill Ave./ Mary Washington Blvd. Extension	Mary Wash. Blvd.	Gordon Shelton Blvd.			2	4	2020
680					Lafayette Blvd.	City Limit	VA-3 (Blue & Gray Parkway)				4	2045
681			FAU2		Gateway Blvd. Extended	William St. (PR-3)	Fall Hill Ave (UR-3965)			0	4	2035
Stafford County Secondary												
682			NRS		VA 610	Shenandoah Ln	Orville Rd				6	2021
683			FAS5b		VA 630 (Courthouse Rd)	Austin Ridge Dr.	VA 648 (Shelton Shop Rd)	4	4	2	4	2035
684			FAS13		VA 648 (Shelton Shop Rd.)	VA 610 (Garrisonville Rd)	VA 627 (Mountainview Rd)	4	4	2	4	2035
685			FAS3E	Widen	Garrisonville Rd.	Eustace Rd.	Shelton Shop Rd.			4	6	2045
Spotsylvania County Secondary												
686			FAS26A		VA 606	US 1	I-95				4	2025
687			FAS18B		VA-620 (Harrison Rd.)	US-1 BUS (Lafayette Blvd.)	VA-639 (Salem Church Rd.)			2	4	2035
688			FAS19		VA 636 (Mine Rd./ Hood Dr.)	VA 208 (Courthouse Rd.)	US 1	4	4	2	4	2025
689			FAS19B		VA 636 (Mine Rd./ Hood Dr.)	Falcon Dr. / Spotsylvania Ave	Landsdowne Rd	4	4		4	2035

NOTE: Shaded areas represent changes from the 2020 Amendment to Visualize 2045. Orange shading indicates projects removed by TPB at June 16 vote (rows 145-151 and 167-168).

ATTACHMENT 3

17-Dec-20

Summary of Employment Forecasts Draft Round 9.2 Cooperative Forecasts (Thousands)

Planning Directors
Technical Advisory
Committee
December 18, 2020

<i>(Changes Received in Italic)</i>								2015 to 2045	
JURISDICTION	2015	2020	2025	2030	2035	2040	2045	Number	% Change
District of Columbia	798.3	846.3	895.1	937.9	978.2	1,011.8	1,045.4	247.1	31.0%
<i>Arlington County</i>	<i>209.1</i>	<i>229.4</i>	<i>240.1</i>	<i>258.1</i>	<i>280.1</i>	<i>287.5</i>	<i>290.8</i>	81.7	39.0%
<i>City of Alexandria</i>	<i>106.0</i>	<i>107.1</i>	<i>115.4</i>	<i>115.5</i>	<i>119.8</i>	<i>126.1</i>	<i>130.1</i>	24.1	22.8%
Central Jurisdictions	1,113.4	1,182.7	1,250.6	1,311.5	1,378.2	1,425.3	1,466.3	352.9	31.7%
Montgomery County	520.2	543.5	572.5	604.5	627.4	653.9	678.8	158.6	30.5%
City of Rockville (1)	76.9	78.4	80.4	82.4	86.6	90.9	96.4	19.5	25.3%
City of Gaithersburg (1)	46.4	47.6	50.0	52.7	56.1	61.1	65.7	19.3	41.5%
Prince George's County	338.6	349.0	366.3	375.7	385.5	393.3	402.1	63.6	18.8%
<i>Fairfax County (2)</i>	<i>654.1</i>	<i>700.9</i>	<i>748.6</i>	<i>793.2</i>	<i>827.7</i>	<i>864.8</i>	<i>890.6</i>	236.5	36.2%
City of Fairfax	22.8	22.9	23.0	23.1	23.2	23.3	23.4	0.6	2.6%
<i>City of Falls Church</i>	<i>13.5</i>	<i>13.7</i>	<i>14.4</i>	<i>16.7</i>	<i>17.8</i>	<i>18.7</i>	<i>19.6</i>	6.1	44.9%
Inner Suburbs	1,549.2	1,630.0	1,724.9	1,813.2	1,881.5	1,954.0	2,014.4	465.3	30.0%
<i>Loudoun County</i>	<i>167.1</i>	<i>191.1</i>	<i>205.3</i>	<i>224.8</i>	<i>240.4</i>	<i>252.9</i>	<i>261.3</i>	94.2	56.4%
Prince William County	143.1	164.8	184.5	203.8	222.5	240.9	257.0	113.9	79.6%
<i>City of Manassas</i>	<i>25.7</i>	<i>26.5</i>	<i>28.0</i>	<i>29.4</i>	<i>30.0</i>	<i>30.6</i>	<i>31.2</i>	5.5	21.4%
City of Manassas Park	4.6	4.7	4.8	4.9	5.0	5.1	5.2	0.6	12.5%
Charles County	46.6	47.0	49.2	52.2	55.4	58.8	61.5	14.9	32.0%
Frederick County	111.8	117.3	123.2	128.6	135.3	141.1	145.5	33.7	30.1%
City of Frederick (3)	50.7	52.4	54.2	56.1	58.0	60.0	62.0	11.3	22.3%
Outer Suburbs	499.0	551.4	595.0	643.7	688.6	729.3	761.8	262.8	52.7%
<i>Anne Arundel County (4)</i>	<i>369.6</i>	<i>382.8</i>	<i>397.2</i>	<i>413.0</i>	<i>431.3</i>	<i>451.4</i>	<i>474.5</i>	104.9	28.4%
<i>Carroll County (4)</i>	<i>74.3</i>	<i>77.4</i>	<i>79.8</i>	<i>82.3</i>	<i>84.4</i>	<i>86.8</i>	<i>89.3</i>	15.0	20.2%
<i>Howard County (4)</i>	<i>204.0</i>	<i>219.1</i>	<i>234.0</i>	<i>249.0</i>	<i>259.0</i>	<i>269.0</i>	<i>279.0</i>	75.0	36.8%
Modeled Region - Baltimore Area Jurisdictions	647.9	679.2	711.0	744.4	774.8	807.2	842.8	194.9	30.1%
King George County (5)	11.7	12.2	13.0	13.8	14.8	16.0	17.5	5.8	49.6%
Spotsylvania County (5)	34.8	37.1	39.1	40.9	43.0	45.5	48.5	13.7	39.3%
Modeled Portion Only	32.4	34.6	36.5	38.1	40.0	42.3	45.0	12.6	38.7%
Stafford County (5)	41.3	43.5	47.5	51.0	55.5	61.5	70.0	28.7	69.4%
City of Fredericksburg (5)	27.8	29.7	31.8	34.3	37.2	40.8	45.3	17.5	62.9%
Modeled Region - Fredericksburg Area Jurisdictions	113.3	120.0	128.8	137.2	147.5	160.6	177.9	64.6	57.0%
Calvert County (6)	34.0	36.8	39.5	40.9	41.9	43.1	44.3	10.3	30.3%
<i>St. Mary's County (6)</i>	<i>66.0</i>	<i>74.7</i>	<i>78.2</i>	<i>80.3</i>	<i>82.6</i>	<i>85.1</i>	<i>87.6</i>	21.6	32.7%
Clarke County	4.2	4.3	4.7	5.1	5.5	5.9	6.3	2.0	48.4%
Fauquier County	24.2	25.8	27.4	28.9	30.5	32.0	33.6	9.4	38.6%
Jefferson County	17.2	18.7	20.0	21.2	22.4	23.6	24.7	7.4	43.1%
Modeled Region - Other Jurisdictions	145.7	160.3	169.7	176.4	182.9	189.6	196.4	50.7	34.8%
Virginia Jurisdictions	1,487.9	1,611.1	1,725.0	1,840.7	1,949.9	2,048.3	2,126.9	639.1	43.0%
Maryland Jurisdictions	1,765.1	1,847.5	1,940.0	2,026.6	2,102.9	2,182.5	2,262.6	497.5	28.2%
COG / TPB PLANNING AREA	3,161.5	3,364.1	3,570.5	3,768.5	3,948.4	4,108.7	4,242.5	1,081.0	34.2%
TPB Model Region Total	4,068.5	4,323.6	4,580.1	4,826.3	5,053.5	5,266.1	5,459.6	1,391.2	34.2%

(1) Included in Montgomery County total.

(2) Forecasts for all years include Fairfax County Government employees working at the Fairfax County Judicial Center.

(3) Included in Frederick County total.

(4) Source: Baltimore Metropolitan Council, Round 9A. Endorsed by the Baltimore Regional Transportation Board on July 28, 2020.

(5) Source: George Washington Regional Commission / Fredericksburg Area MPO, 2050 Socioeconomic Data Projections revised in November 2018.

(6) Projections from 2015 to 2040 prepared by the Maryland Department of Planning, Historical and Projected Total Jobs by Place of Work, January 2015.

ATTACHMENT 3

17-Dec-20

Summary of Household Forecasts Draft Round 9.2 Cooperative Forecasts (Thousands)

Planning Directors
Technical Advisory
Committee
December 18, 2020

<i>(Changes Received in Italic)</i>								2015 to 2045	
JURISDICTION	2015	2020	2025	2030	2035	2040	2045	Number	% Change
District of Columbia	297.1	319.3	341.0	362.5	380.6	396.2	411.9	114.8	38.6%
<i>Arlington County</i>	<i>103.2</i>	<i>109.2</i>	<i>117.9</i>	<i>123.8</i>	<i>129.7</i>	<i>135.8</i>	<i>141.4</i>	38.2	37.0%
<i>City of Alexandria</i>	<i>71.2</i>	<i>73.3</i>	<i>80.6</i>	<i>85.8</i>	<i>98.8</i>	<i>103.9</i>	<i>114.5</i>	43.3	60.9%
Central Jurisdictions	471.5	501.8	539.4	572.1	609.1	635.9	667.8	196.3	41.6%
Montgomery County	374.9	391.2	405.7	422.3	438.1	450.9	461.9	87.1	23.2%
City of Rockville (1)	26.4	28.8	31.1	33.5	35.2	37.4	39.4	12.9	48.9%
City of Gaithersburg (1)	24.7	26.0	27.5	28.9	30.5	32.1	33.4	8.8	35.5%
Prince George's County	321.1	334.3	343.9	355.5	363.3	370.0	376.8	55.6	17.3%
<i>Fairfax County</i>	<i>403.9</i>	<i>418.1</i>	<i>433.5</i>	<i>454.9</i>	<i>479.9</i>	<i>503.0</i>	<i>521.7</i>	117.7	29.1%
City of Fairfax	8.9	9.6	11.1	12.1	12.5	13.0	13.5	4.5	50.9%
<i>City of Falls Church</i>	<i>5.8</i>	<i>7.0</i>	<i>8.7</i>	<i>10.1</i>	<i>11.0</i>	<i>11.7</i>	<i>12.4</i>	6.6	114.5%
Inner Suburbs	1,114.6	1,160.1	1,202.8	1,254.9	1,304.8	1,348.6	1,386.3	271.6	24.4%
<i>Loudoun County</i>	<i>121.1</i>	<i>137.6</i>	<i>151.7</i>	<i>165.5</i>	<i>172.2</i>	<i>177.2</i>	<i>180.8</i>	59.7	49.3%
Prince William County	142.9	153.9	167.1	177.0	185.2	191.9	197.2	54.3	38.0%
<i>City of Manassas</i>	<i>12.7</i>	<i>13.1</i>	<i>13.9</i>	<i>14.3</i>	<i>14.7</i>	<i>15.0</i>	<i>15.3</i>	2.6	20.2%
City of Manassas Park	4.5	5.0	5.0	5.0	5.0	5.0	5.0	0.5	11.7%
Charles County	53.7	60.3	65.5	72.9	78.6	83.4	92.2	38.5	71.8%
<i>Frederick County</i>	<i>89.9</i>	<i>98.4</i>	<i>106.3</i>	<i>115.4</i>	<i>122.4</i>	<i>128.1</i>	<i>132.1</i>	42.1	46.8%
<i>City of Frederick (2)</i>	<i>27.3</i>	<i>28.6</i>	<i>29.1</i>	<i>32.0</i>	<i>34.2</i>	<i>36.2</i>	<i>38.0</i>	10.7	39.4%
Outer Suburbs	424.9	468.3	509.5	550.1	578.1	600.7	622.6	197.7	46.5%
<i>Anne Arundel County (3)</i>	<i>209.1</i>	<i>215.4</i>	<i>224.7</i>	<i>232.4</i>	<i>238.8</i>	<i>245.0</i>	<i>247.1</i>	38.0	18.2%
<i>Carroll County (3)</i>	<i>61.0</i>	<i>62.7</i>	<i>64.4</i>	<i>66.5</i>	<i>68.0</i>	<i>69.1</i>	<i>70.3</i>	9.3	15.2%
<i>Howard County (3)</i>	<i>111.8</i>	<i>118.9</i>	<i>127.0</i>	<i>133.4</i>	<i>138.1</i>	<i>139.8</i>	<i>139.9</i>	28.2	25.2%
Modeled Region - Baltimore Area Jurisdictions	381.9	397.0	416.0	432.3	444.9	453.9	457.4	75.5	19.8%
King George County (4)	8.6	8.8	9.0	9.2	9.6	10.0	10.5	1.9	22.1%
Spotsylvania County (4)	43.0	44.6	49.2	54.0	58.6	64.5	71.6	28.5	66.4%
Modeled Portion Only	33.5	34.6	37.9	41.0	45.5	50.9	57.6	24.1	71.8%
Stafford County (4)	44.6	49.6	54.7	60.9	68.6	78.2	90.8	46.2	103.7%
City of Fredericksburg (4)	10.2	11.1	11.6	12.3	13.0	13.9	15.0	4.9	47.7%
Modeled Region - Fredericksburg Area Jurisdictions	96.9	104.1	113.2	123.5	136.6	153.1	173.9	77.0	79.5%
Calvert County (5)	31.9	33.9	35.7	36.9	37.6	37.7	37.9	6.0	18.9%
<i>St. Mary's County (5)</i>	<i>40.3</i>	<i>44.1</i>	<i>47.7</i>	<i>52.2</i>	<i>55.3</i>	<i>58.3</i>	<i>61.4</i>	21.1	52.4%
Clarke County	5.6	5.7	5.9	6.2	6.3	6.5	6.7	1.1	18.9%
Fauquier County	24.6	26.4	28.3	30.1	31.9	33.7	35.6	11.0	44.5%
Jefferson County	21.6	23.5	25.1	26.7	28.3	29.7	31.2	9.6	44.3%
Modeled Region - Other Jurisdictions	124.0	133.6	142.7	152.1	159.4	165.9	172.7	48.7	39.3%
Virginia Jurisdictions	1,001.5	1,063.0	1,136.8	1,208.2	1,283.9	1,349.8	1,418.0	416.6	41.6%
Maryland Jurisdictions	1,293.7	1,359.1	1,420.7	1,487.5	1,540.1	1,582.3	1,619.6	325.9	25.2%
COG / TPB PLANNING AREA	2,011.1	2,130.2	2,251.8	2,377.1	2,492.0	2,585.1	2,676.7	665.6	33.1%
TPB Model Region Total	2,613.8	2,764.9	2,923.7	3,084.9	3,232.9	3,358.0	3,480.7	866.8	33.2%

(1) Included in Montgomery County total.

(2) Included in Frederick County total.

(3) Source: Baltimore Metropolitan Council, Round 9A. Endorsed by the Baltimore Regional Transportation Board on July 28, 2020.

(4) Source: George Washington Regional Commission / Fredericksburg Area MPO, 2050 Socioeconomic Data Projections revised in November 2018.

(5) Projections from 2015 to 2045 prepared by the Maryland Department of Planning, Historical and Projected Households for Maryland's Jurisdictions, August 2017.

ATTACHMENT 3

17-Dec-20

Summary of Population Forecasts Draft Round 9.2 Cooperative Forecasts (Thousands)

Planning Directors
Technical Advisory
Committee
December 18, 2020

<i>(Changes Received in Italic)</i> JURISDICTION	2015	2020	2025	2030	2035	2040	2045	2015 to 2045	
								Number	% Change
District of Columbia	672.2	729.5	787.1	842.2	893.9	940.7	987.2	315.0	46.9%
<i>Arlington County</i>	<i>219.1</i>	<i>231.2</i>	<i>249.2</i>	<i>261.6</i>	<i>273.9</i>	<i>287.2</i>	<i>299.5</i>	80.4	36.7%
<i>City of Alexandria</i>	<i>147.6</i>	<i>164.3</i>	<i>180.8</i>	<i>192.2</i>	<i>218.4</i>	<i>229.5</i>	<i>253.1</i>	105.4	71.4%
Central Jurisdictions	1,039.0	1,125.0	1,217.1	1,296.0	1,386.1	1,457.4	1,539.8	500.9	48.2%
Montgomery County	1,015.3	1,052.0	1,087.3	1,128.8	1,167.7	1,197.1	1,223.3	208.1	20.5%
City of Rockville (1)	66.3	72.2	78.2	83.3	86.7	91.8	96.1	29.8	44.9%
City of Gaithersburg (1)	67.1	70.7	74.6	78.7	82.4	86.1	89.3	22.2	33.0%
Prince George's County	904.4	923.1	938.0	953.0	967.8	982.8	995.9	91.4	10.1%
<i>Fairfax County</i>	<i>1,125.4</i>	<i>1,172.4</i>	<i>1,207.8</i>	<i>1,255.7</i>	<i>1,312.0</i>	<i>1,363.8</i>	<i>1,405.9</i>	280.5	24.9%
City of Fairfax	24.1	25.6	29.2	31.6	32.7	33.9	35.2	11.1	46.1%
<i>City of Falls Church</i>	<i>13.6</i>	<i>15.6</i>	<i>18.4</i>	<i>20.8</i>	<i>22.3</i>	<i>23.4</i>	<i>24.5</i>	10.8	79.5%
Inner Suburbs	3,082.8	3,188.7	3,280.7	3,389.9	3,502.6	3,601.1	3,684.8	602.0	19.5%
<i>Loudoun County</i>	<i>368.7</i>	<i>423.0</i>	<i>466.9</i>	<i>508.4</i>	<i>526.5</i>	<i>540.0</i>	<i>549.4</i>	180.7	49.0%
Prince William County	444.8	467.9	503.6	529.6	551.4	569.3	584.0	139.2	31.3%
<i>City of Manassas</i>	<i>41.5</i>	<i>42.6</i>	<i>45.3</i>	<i>46.7</i>	<i>48.1</i>	<i>49.2</i>	<i>50.3</i>	8.9	21.4%
City of Manassas Park	14.3	15.9	15.9	15.9	15.9	15.9	15.9	1.6	11.1%
Charles County	150.8	167.0	178.2	194.7	207.5	218.6	236.5	85.7	56.8%
<i>Frederick County</i>	<i>246.5</i>	<i>263.9</i>	<i>284.3</i>	<i>304.5</i>	<i>320.2</i>	<i>334.6</i>	<i>346.6</i>	100.1	40.6%
<i>City of Frederick (2)</i>	<i>70.4</i>	<i>73.6</i>	<i>77.5</i>	<i>82.1</i>	<i>86.9</i>	<i>91.7</i>	<i>96.2</i>	25.8	36.6%
Outer Suburbs	1,266.5	1,380.4	1,494.1	1,599.7	1,669.6	1,727.6	1,782.8	516.2	40.8%
<i>Anne Arundel County (3)</i>	<i>564.4</i>	<i>578.9</i>	<i>595.0</i>	<i>609.0</i>	<i>620.4</i>	<i>632.2</i>	<i>645.2</i>	80.8	14.3%
<i>Carroll County (3)</i>	<i>167.5</i>	<i>169.2</i>	<i>171.7</i>	<i>175.2</i>	<i>178.5</i>	<i>181.8</i>	<i>185.2</i>	17.6	10.5%
<i>Howard County (3)</i>	<i>313.4</i>	<i>330.0</i>	<i>346.1</i>	<i>358.9</i>	<i>366.6</i>	<i>370.8</i>	<i>371.2</i>	57.9	18.5%
Modeled Region - Baltimore Area Jurisdictions	1,045.3	1,078.1	1,112.8	1,143.0	1,165.5	1,184.8	1,201.6	156.2	14.9%
King George County (4)	25.1	25.9	26.8	28.0	29.3	30.9	32.9	7.8	31.1%
Spotsylvania County (4)	128.4	132.9	145.8	160.1	176.5	199.6	231.0	102.5	79.9%
Modeled Portion Only	101.5	104.7	113.6	122.9	132.9	147.7	168.2	66.7	65.8%
Stafford County (4)	141.9	154.6	165.5	178.7	195.2	216.1	243.4	101.5	71.5%
City of Fredericksburg (4)	27.1	30.2	32.0	33.4	34.9	36.6	38.6	11.5	42.3%
Modeled Region - Fredericksburg Area Jurisdictions	295.6	315.4	338.0	362.9	392.3	431.4	483.1	187.5	63.4%
Calvert County (5)	90.7	94.6	97.4	99.2	100.1	100.5	100.9	10.2	11.3%
<i>St. Mary's County (5)</i>	<i>112.2</i>	<i>121.2</i>	<i>130.1</i>	<i>141.5</i>	<i>148.8</i>	<i>155.9</i>	<i>163.3</i>	51.1	45.6%
Clarke County	14.2	14.3	14.8	15.3	15.6	16.0	16.3	2.1	14.8%
Fauquier County	67.8	72.8	77.8	82.9	87.9	92.9	97.9	30.1	44.3%
Jefferson County	57.9	62.7	67.1	71.2	75.3	79.1	82.8	24.9	43.1%
Modeled Region - Other Jurisdictions	342.8	365.7	387.2	410.0	427.6	444.2	461.2	118.4	34.5%
Virginia Jurisdictions	2,776.7	2,961.1	3,147.5	3,323.5	3,496.9	3,652.7	3,815.1	1,038.4	37.4%
Maryland Jurisdictions	3,565.2	3,700.0	3,828.2	3,964.6	4,077.7	4,174.2	4,268.1	702.9	19.7%
COG / TPB PLANNING AREA	5,388.3	5,694.1	5,991.9	6,285.5	6,558.4	6,786.2	7,007.4	1,619.1	30.0%
TPB Model Region Total	7,072.0	7,453.3	7,829.9	8,201.5	8,543.8	8,846.6	9,153.2	2,081.2	29.4%

(1) Included in Montgomery County total.

(2) Included in Frederick County total.

(3) Source: Baltimore Metropolitan Council, Round 9A. Endorsed by the Baltimore Regional Transportation Board on July 28, 2020.

(4) Source: George Washington Regional Commission / Fredericksburg Area MPO, 2050 Socioeconomic Data Projections revised in November 2018.

Population for FAMPO jurisdictions does not include Group Quarters Population.

(5) Projections from 2015 to 2045 prepared by the Maryland Department of Planning, Historical and Projected Total Population, August 2017.