



## MEMORANDUM

**TO:** TPB Technical Committee  
**FROM:** Cristina Finch, Principal Transportation Planner  
**SUBJECT:** Visualize 2050 and FY2026-2029 Transportation Improvement Program (TIP) Regionally Significant Project Inputs and Scope of Work for the Air Quality Conformity Analysis  
**DATE:** April 26, 2024

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## PURPOSE

The purpose of this memorandum is to provide updated information on the technical inputs to be included in the regional air quality conformity analysis of the next National Capital Region Transportation Plan, Visualize 2050, and the FY2026-2029 Transportation Improvement Program (TIP). The following two documents, which reflect agency corrections/clarifications received since the original publishing in March, are available for review and are what the Board will be asked to approve at their May meeting.

- **Air Quality Conformity Network Input Tables** reflect every regionally significant for air quality project that will be analyzed. The table identifies in **pink** changes since the table was published for public comment as well as **blue/strikethrough** highlight (i.e. deletions) and **yellow** highlight (e.g. additions, updates) to the 600+ project conformity records submitted by member agencies since the adoption of the 2022 update to the Visualize 2045 plan. *This list does not include ongoing/candidate projects that are not regionally significant for air quality.*
- **Air Quality Conformity Analysis Scope of Work** which provides additional technical information to be used and outlines the work tasks to be performed in the analysis.

## UPDATES TO THE AIR QUALITY CONFORMITY ANALYSIS CONFORMITY TABLE AND SCOPE OF WORK

Since the original publishing of the Air Quality Conformity Inputs Table for the March comment period, TPB received feedback from agency staff that prompted the following edits:

1. Potomac Shores VRE station construction (row 52) – was listed with completion date 2024, should be 2030
2. I-270Y Eastern Spur from MD 187 to the main I-270 (row 188)– was listed as study/not coded, should be converted from 4+2 HOV to 4+2 HOT with a completion date of 2040
3. I-495 Toll Lanes from the Virginia State Line to the I-270 Western Spur (row 204) – completion date was listed as 2030, should be 2035
4. I-495 Toll Lanes from the I-270 Western Spur to MD 187 (row 205) – was listed as construct/widen, should be study/not coded
5. MD 301 from Harry Nice Bridge to I-595/US 50 (row 227) – was listed as reconstruct from Mt. Oak Road to I-595/US 50, should be removed

6. Dulles Toll Road Cleveland ramp (row 399) – was listed as widening, should be study/not coded
7. VA 7 widening from Reston Ave. to Jarrett Valley Drive (row 416) – was listed as 2023/completed, should be 2024/completed
8. VA 123 widening from Fairfax County Parkway to Braddock Road (rows 447 & 448)- was listed as removed, should be retained
9. Euclid Ave. construction from current terminus to Centreville Road (row 470) – was listed as construct, should be study/not coded
10. Georgia Avenue (MD 977) Widening: MD 390 to MD 192/Forest Glen road (row 230) – was listed as reconstruct, should be widen
11. From limit on I-95 Bi-Directional Toll Lanes was listed as Turkeycock Run, should be I-95/Springfield Interchange and update title to I-95 New Bi-Directional Operation Express Toll Lanes with Widening: I-95/Springfield Interchange to Opitz Boulevard
12. I-495 Southside Express Lanes (row 373) – added Southside in Facility Name, From field should have “East of” before Springfield Interchange and To field should be West of I-295 to align with #lanes; between I-295 and East of MD 210 should be +1 express in each direction (row 373a), instead of 2+ express in each direction
13. I-95 Express Lanes Truck Access (row 375) – from limit was I-95/Springfield Interchange, should be Turkeycock Run and update title to I-95 Express Lanes Truck Access: Turkeycock Run to I-95/Route 17 Interchange
14. VA 234 Sudley Road (row 453) – completion date was listed as 2021, should be 2025
15. Randolph Rd BRT (Transit, Row 23) – was listed as Implement, should be study/not coded
16. North Bethesda Transitway BRT (Transit, Row 24) – was listed as Implement, should be study/not coded. Project ID changed from CE3663 to T3663
17. New Hampshire Avenue New BRT Expansion from Colesville Park and Ride to Fort Totten Metro Station (Transit, Row 27) – was listed as Implement, should be study/not coded
18. Some PIT Project IDs and CON IDs for conformity records have been updated
19. Shellhorn Road Extension (row 540) – Facility was Williamson Blvd, should be Sterling Blvd
20. James Madison Highway Overpass Widening (rows 421-422) – row 421 was listed and should be removed, row 422 completion date was 2030, should be 2038

Additionally, the tables for the COG-approved Cooperative Forecasts Round 10 data referenced in the Scope of Work have been appended.

## **ATTACHMENTS (TO BE APPROVED BY TPB)**

Air Quality Conformity Inputs Table

Air Quality Conformity Analysis Scope of Work with COG-approved Round 10 Cooperative Forecasts

# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (transit)

DRAFT 4/24/2024

	PIT Project ID	ConID	Scenario	Improvement	Facility	From	To	Projected Completion Date
<b>DDOT</b>								
1	6103	794	UHOWEXT	Implement	DC Circulator Expansion	Rosslyn to Dupont Circle Route	Extension to U St./Howard University	2026
2	T5754	613	DCSTHST2	Construct	Benning Road Streetcar Extension	Oklahoma Avenue NE	45th Street/Benning Road Metro	<del>2026</del> 2030
3	<del>CE3081</del>	610	DCSTGTWN	Implement	Union Station/Georgetown Streetcar	K Street/34th Street NW	3rd Street/H Street NE	2040
4	T3212			Implement	H St. and I St Bus lanes Phase 2	13th St. NW	Pennsylvania Ave NW	2021 completed
5	<del>3212</del> T13580	7835 32666		<del>Study</del> -Implement	H St. NW Bus Improvements	14th St. NW	North Capitol St.	<del>not coded</del> 2022 completed
6	<del>CE3081</del>			Construct	K St. NW Transitway	9th St. NW	21st St. NW	2025
7	T13585	32690		Implement	U St. NW Bus Improvements	18th St. NW	9th St NW	2025
9	<del>3212</del> -T13588	31057 31058 31059		Implement	8th St. SE Bus Improvements			2024
10	T13583	32646		Implement	11th St. NW Bus Improvements	Pennsylvania Ave NW	G Street NW	2024
11	T13583	32647		Implement	11th St. NW Bus Improvements	H Street NW	L Street NW	2024
12	T13583	32648		Implement	11th St. NW Bus Improvements	L Street NW	E Street NW	2024

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**DRAFT 4/24/2024**

	PIT Project ID	ConID	Scenario	Improvement	Facility	From	To	Projected Completion Date
13	T6638	989		Implement	16th St. Bus Priority Improvements	H St. NW	Arkansas Ave NW	2022 completed
14	T13590	32016		Implement	Florida Ave. NW Bus Improvements	9th Street NW	1st Street NE	2024
15	T13591	32016		Implement	Georgia Ave. NW Bus Improvements	Eastern Ave.	Barry Place NW	2026
16	<del>3212</del> -T13582	32595 32673		Study-Implement	Minnesota Avenue SE Bus Improvements (southbound)	Nelson Pl SE	Burns St SE	<del>not coded</del> 2023 completed
17	T13586	32728		Implement	Southern Ave SE Bus Improvements (NB)	South Capitol St SE	Barnaby Road SE	2026
<b>MDOT/MTA</b>								
18	<del>CE3427-</del> CE3787	<del>617-</del> 15642	MARCFRQ	Implement	Brunswick Line Service Improvements			2029-2045
19	<del>CE3427-</del> CE3788	<del>618-</del> 15646	MARCFRQ	Implement	Camden Line Service Improvements			2029-2045
20	CE1649	481	CCTBRT	Construct	Corridor Cities BRT	Shady Grove	Comsat	2035
21	<del>CE3427-</del> CE3855	<del>619-</del> 34252	MARCFRQ	Implement	Penn Line Service Improvements			2029-2045
22	T2795	479	PURPLE	Construct	Purple Line Transitway	Bethesda	New Carrollton	<del>2023</del> 2027
<b>Montgomery County</b>								
23	CE3662		RANDBRT	Implement Study	Randolph Road BRT	US 29	MD 355	2030 Not Coded
24	<del>CE3663</del> T3663	5062 963	NBETHBRT	Implement Study	North Bethesda Transitway BRT	Montgomery Mall Transit Center	White Flint	2030 Not Coded

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Visualize 2050 Conformity Input Tables 4.24.2024 highway

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	PIT Project ID	ConID	Scenario	Improvement	Facility	From	To	Projected Completion Date
25	<del>CE3424-</del> CE3856 T6396		MD355BRT	Implement	MD 355 BRT	MD 410 East-West Highway	Clarksburg Rd.	2030
26	CE3103	485	VEIRSBRT	Implement	Veirs Mill Road BRT	<del>MD 355 Rockville Pike Montgomery College, Rockville</del>	<del>MD 97 Georgia Ave- Wheaton Metro Station</del>	<del>2025</del> 2030
27	CE3672 <del>T12004</del>	982	NHBRT	Implement Study	New Hampshire Ave. BRT	Colesville Park and Ride	<del>Takoma Metro Station Fort Totten Metro Station</del>	2045 Not Coded
28	<del>CE1249</del>	483	<del>MCT7</del>	Construct	<del>Olney Transit Center</del>	<del>adjacent to or north of MD-108</del>		2045
29	CE1253	487	TIGERVEIR	Construct	Veirs Mill Road Bus Enhancement	Rockville	Wheaton	2021 completed
30	CE3857	487		Construct	Great Seneca Transit Network Bus Service Improvements			2025
31				Construct	Md 193 (University Blvd) Bus Lanes	Amherst Ave	Dennis Ave	2024
<b>VDOT/VDRPT</b>								
32	T6727	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	2030
33	<del>CE3758-</del> T11581	3680		Construct	VRE L'Enfant Station and 4th Track Improvements	L'Enfant Interlocking	Virginia Interlocking	2028
34	CE3708 T6673	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	2028 2026
35	T6706	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

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	PIT Project ID	ConID	Scenario	Improvement	Facility	From	To	Projected Completion Date
36	CE2832	504	VREFREQ	Implement	VRE Service Improvements (Reduce Headways)	Fredericksburg and Manassas lines		2035
37	CE2831	630		Construct	VPRA 3rd Track - RF&P	Arkendale, Stafford Co.	Powell's Creek, Prince William County	2024
38	CE2420-T12003	9841		Construct	Broad Run Expansion- 3rd Track Project	Broad Run	Manassas (Wellington Road)	2025 2027
39	CE1942	795	US1VABUS	Widen	US 1 (bus/right turn lanes)	VA 235 North	SCL Alexandria (I-95 Capital Beltway)	2035
40	CE3496 T6680	808	US1BRT	Construct	US 1 Richmond Highway Bus Rapid Transit (BRT)	Huntington Metro	Ft. Belvoir and to Woodbridge VRE	<del>2030</del> 2031
41	CE3521	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) Pentagon City Metro Station	2022 2026
42			MWAYEXT2	Construct	Crystal City Transitway: Southern Extension - complete dedicated lanes	South Glebe Road	Alexandria city line	2025
43	T6672	18600	MWAYROW	Construct	Crystal City/Potomac Yard Transitway- realign with dedicated right-of-way	East Glebe Road	Evans Lane	2030
44	CE3013	489	POTYDS	Construct	Metro Station	Potomac Yard		2022 2023 completed
45	CE2188	493		Construct	Park-and-Ride Garage	Springfield CBD	vic. I-95 & Old Keene Mill Road	2023 completed

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	PIT Project ID	ConID	Scenario	Improvement	Facility	From	To	Projected Completion Date
46	CE2875	499		Construct	Park and Ride Lot	Arcola Center 300 spaces		2024
47	CE1981	503	SILVER 2	Construct	Dulles Corridor Metrorail	Wiehle-Reston East Station	Ashburn Station	2022 completed
48	CE3802			Study	Orange Line Metrorail Extension	Vienna Metrorail Station	Prince William County	not coded
49	CE3803			Study	Yellow Line Metrorail Extension	Huntington Metro	Hybla Valley/Gum Springs Community Business Center	not coded
50	CE3839			Study	Route 7 BRT	West Falls Church	Spring Hill via International Drive	not coded
51	CE3700	1019	SILVER 2	Construct	Park-and-Ride Garage	Innovation Station	2000+ parking spaces	2020 completed
52	CE2831	629	POTSHRS	Construct	VRE - Potomac Shores Commuter Rail Station	Potomac Shores	Prince William County	2022 2030
53	CE2930	505	VANDBRT	Construct	West End Transitway (City Funded)	Van Dorn Street Metro	Pentagon	2026 & 2035-2028
54	CE2930	1034	VANDBRT2	Construct	West End Transitway Phase II (Southern Segment)	Van Dorn Street Metro	Landmark Mall	2026
55	CE3071	<del>507</del> 32580	NRS	Construct	Landmark Transit Center	Duke Street and Van Dorn Street		2023 2027
56	CE2933	508	ALEXBUS	Implement	DASH Service Expansion	citywide		2030
57		821	BELTHOT	Implement	Beltway HOT lanes transit service			2030
58	CE2932	509	DUKEBUS	Construct	Duke Street Transitway	King Street Metro	Fairfax County Line	2027 2028
59	CE2695	672		Construct	Leesburg Park and Ride Lot (new location)	Crosstrails Blvd (approx)	300 Spaces	2018

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	PIT Project ID	ConID	Scenario	Improvement	Facility	From	To	Projected Completion Date
60		674		Construct	One Loudoun Park and Ride Lot	VA 7 & Loudoun County Parkway	200 Spaces	2019 completed
61	CE3359	675		Construct	Western Loudoun Park and Ride Lot		250 Spaces	2024
62	CE3484	797	I66HOTI	Implement	I-66 Multimodal Corridor Improvements	Inside the beltway		through 2050
63	CE3448	799	I66HOTO	Implement	I-66 Corridor Enhanced Bus Service (details shown with project description sheet)	Outside the beltway		2022 completed
64	CE3448	800	I66HOTO	Implement	I-66 Corridor Enhanced Bus Service	Outside the beltway		through 2050
65	CE3448	801		Construct	I-66 Corridor Park and Ride lot	Haymarket		2021 completed
66	CE3448	802		Construct	I-66 Corridor Park and Ride lot	University Blvd. in Gainesville		2021 completed
67	CE3448	803		Construct	I-66 Corridor Park and Ride lot	Balls Ford Road in Manassas		2021 completed
<b>FAMPO</b>								
67				Construct	New Chatham Heights Road PNR	80 spaces		2038
67				Construct	VA 3 East PNR	150 spaces		2038
67				Construct	US 17 Business New Warrenton Road PNR	1000 spaces near Olde Forge Dr.		2038
67				Construct	US 1 at Commonwealth Dr. PNR			2027



# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 4/24/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
<b>DDOT</b>													
68	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						2022 completed
69	T13597	33037			Reduce Capacity	Alabama Ave SE (eastbound)	5th Street SE	MLK Elementary School			2	1	2030
71	T13597	33038			Reduce Capacity	Alabama Ave SE (eastbound)	Jasper St. SE	James M. McGee Sr. St. SE			2	1	2030
71	T13597	33039			Reduce Capacity	Alabama Ave SE (eastbound)	Gainesville St. SE	Aigner Pl. SE			2	1	2030
72	T13597	33040			Reduce Capacity	Alabama Ave SE (eastbound)	25th Street SE	Naylor Rd. SE			2	1	2030
73	T13597	33041			Reduce Capacity	Alabama Ave SE (westbound)	Marion Barry Ave SE	Branch Ave. SE			2	1	2030
74	T13597	33042			Reduce Capacity	Alabama Ave SE (westbound)	Randle Pl. SE	7th Street SE			2	1	2030
75	T13597	33043			Reduce Capacity	Alabama Ave SE (westbound)	Congress St. SE	15th Street SE			2	1	2030
76	T13597	33044			Reduce Capacity	Alabama Ave SE (westbound)	24th Street SE	Irving St. SE			2	1	2030
77	T13597	33045			Reduce Capacity	Alabama Ave SE (westbound)	Naylor Rd. SE	31st Street SE			2	1	2030
78	T13597	33046			Widen	Alabama Ave SE (westbound)	Irving St. SE	Aigner Pl. SE			1	2	2030
79	T13597	33047			Reduce Capacity	Alabama Ave SE (westbound)	31st Place SE	Branch Ave. SE			2	1	2030
80	T13597	33048			Reduce Capacity	Alabama Ave SE (westbound)	34th Street SE	Suitland Rd. SE			2	1	2030
81	T13597	33049			Reduce Capacity	Alabama Ave SE (westbound)	38th Street SE	Pennsylvania Ave SE			2	1	2030
82	T3232	31473			Reduce Capacity - bike lanes	Arizona Ave NW (north/eastbound)	Carolina Place NW	Loughboro Rd NW			3	2	2024
83	T13596	32873			Reduce Capacity	Bladensburg Rd. NE	Eastern Ave.	Benning Road			6	4	2028

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84	T3232	31566			Reduce Capacity - bike lanes	Branch Ave SE	Randle Circle SE	Alabama Ave SE			4	2	2025
85	T13599	34039			Reduce Capacity	Constitution Ave.	Louisiana Ave NW	Pennsylvania Ave NW			6	5	2026
86	T3232	1008	DS28		Reduce Capacity - bike lanes	Dalecarlia Pkwy NW	Loughboro Road	Westmoreland Circle			4	2	2040 2030
87	T6315	567	DP16		Reduce Capacity	East Capitol Street	40th Street	Southern Ave			6	4	2024 2030
88	T13592	32401			Reduce Capacity	Eastern Ave NE	Whittier St NW	New Hampshire Ave NE			3	2	2028
89	T13590	32016			Reduce Capacity Bus Lanes	Florida Avenue NW	9th Street NW	1st Street NE			4	2	2025
90	6195	710			Reduce Capacity	Florida Avenue NE	2nd Street	3rd Street			6	5	2023 completed
91	6195	717	DS13		Reduce Capacity	Florida Avenue NE	3rd Street	West Virginia Avenue			6	4	2023 completed
92	T13591	32180			Reduce Capacity Bus Lanes	Georgia Avenue NW	Eastern Ave.	Barry Place NW			4	2	2026
93	T3232	860	DS23		Reduce Capacity - bike lanes	Harewood Road NW	Rock Creek Church Road NW	North Capitol Street			2	1	2022 2024
94	T3232	31668			Reduce Capacity - bike lanes	Kansas Ave NW	Peabody St NW	Chillum Place NW			4	2	2024
95	T3232	31704			Reduce Capacity - bike lanes	Lincoln Rd NE	V St NE	4th St NE			3	2	2025
96	T3232	835	DP22		Reduce Capacity - bike lanes	Louisiana Avenue NW	<del>Columbus Circle NE/ Mass Ave NE</del> North Capitol St.	Constitution Avenue NW			<del>4</del> 5	3 4	2040 2026
97	T13587	31053			Reduce Capacity Bus Lanes	MLK Jr. Ave SE	W Street	Marion Barry Ave			2	1	2024

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	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
98	T13593	32442			Reconstruct	MLK Jr. Ave SE	South Capitol St. SE	Upsal St. SE			4	2	2027
99	CE3075 T6014	585	DS6		Reduce Capacity	Maryland Ave. NE	6th St. NE	15 St. NE			4	2	2021 completed
100	T13596	36004			Reduce Capacity	Maryland Ave. NE	Bladensburg Rd. NE	Neal St. NE			4	1	2028
101	T13599	34486			Reduce Capacity	Massachusettes Ave NE	1st Street NE	6th Street NE			4	3	2024
102	T13582	32595			Reduce Capacity Bus Lanes	Minnesota Ave SE bus lanes (southbound) (Phase B)	Nelson Pl SE	Burns St SE			2	1	2023 completed
103	T13581	32593			Reduce Capacity Bus Lanes	Minnesota Ave SE bus lanes (Phase A)	Nelson Pl SE	East Capitol St. SE			2	1	2023 completed
104	T13581	32668			Reduce Capacity Bus Lanes	Minnesota Ave SE bus lanes (Phase A)	L'Enfant Square SE	A St. SE			2	1	2023 completed
105	T3232	31503			Reduce Capacity - bike lanes	Missouri Avenue NW (Eastbound)	17th St NW	16th St NW			2	1	2030
106	T3232	1006	DS30		Reduce Capacity - bike lanes	Mount Olivet Rd NE	Brentwood Parkway	West Virginia Ave 17th Street NE			4	3	2022 2024
107	T3232	1010	DP40		Reduce Capacity - bike lanes	Nebraska Ave NW	New Mexico Ave	Loughboro Road			4	3	2022 2030
108	CE3399	608			Reconstruct	New Jersey Avenue NW 1-way to 2-way	H Street NW	N Street NW					2021 completed
109	<del>CE3084</del>	842	<del>DS26</del>		<del>Reduce Capacity - Streetcar</del>	<del>New Jersey Avenue NW</del>	<del>H St NW</del>	<del>K Street NW</del>			<del>3 lanes 1-way</del>	<del>1 lane each 2-way</del>	2040
110	T3232	<del>707</del> 31741			Reduce Capacity	New Jersey Avenue NW	H Street	Louisiana Ave			4	2 3	2021 2024
111	<del>T3212</del> T3232	<del>7836</del> 10675	DS42		Reduce Capacity -	Park Place/5th Street NW	Grant Circle	Kenyon St NW	3	3	2	1	2022 completed
112	CE3447- T6595	712	DS15		Reduce Capacity	Pennsylvania Avenue NW	17th Street	18th Street			6	4	2025
113	CE3447- T6595	713	DS14		Reduce Capacity	Pennsylvania Avenue NW	18th Street	20th Street			5	4	2025

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114	CE3447-T6595	714	DS18-DS18A		Reduce Capacity	Pennsylvania Avenue NW	20th Street	26th Street 22nd Street			6	4	2040 2025
115	CE3447	714	DS18		Reduce Capacity	Pennsylvania Avenue NW	20th Street 22nd Street	26th Street			6	4	2040
116	CE3447	715	DS16		Reduce Capacity	Pennsylvania Avenue NW	26th Street	28th Street			5	4	2040
117	CE3447	716	DS17		Reduce Capacity	Pennsylvania Avenue NW	28th Street	29th Street			4	2	2040
118	CE3654-T3232	1009-947	DP36A-DP35		Reduce Capacity - bike lanes	Pennsylvania Ave SE	2nd Street SE	17th Street 14th Street SE	2	2	6	4	2023 completed
119	CE3654	948	DP36		Reduce Capacity - bike lanes	Pennsylvania Ave SE	14th Street SE	Barney Circle			8	6	2024-2023 completed
120	T3232	31949			Reduce Capacity - bike lanes	Potomac Ave SE	18th St SE	19th St SE			2	1	2024
121	T3423	541	DP9A	AW011, AW024A, AW001A, AW025A, CKTB6	Widen	South Capitol Street Corridor: Frederick Douglass Bridge	Independence Avenue (East)	Martin Luther King, Jr. Blvd. (west)	2	2	5	6	2025 2021 completed
122	T5803	542	DP9C		Construct	South Capitol Street Intersection	at Potomac Avenue						2022 completed
123	T6114	609			Reduce Capacity	South Capitol Street	Firth Sterling Ave.	Southern Ave Maryland state line			5	4 5	2022 completed
124	T13586	31051			Reduce Capacity	Southern Ave SE (northbound)	South Capitol St. SE	Barnaby Road SE			2	1	2026
125	T13599	34038			Reduce Capacity	Southern Ave SE	Pennsylvania Ave SE	Benning Road SE			4	2	2024
126	T6038	543	DP9D		Construct	Suitland Parkway interchange	at Martin Luther King, Jr. Boulevard to complete movements						2021 completed

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	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
127	T13599	34053			Reduce Capacity	Taylor St. NE	North Capitol St NW	7th Street NE			3	2	2024
128	T3232	31780			Reduce Capacity - bike lanes	Van Buren St NW	Blair Rd NW	3rd St NW			2	1	2025
129	<del>T3212</del> T3232	<del>7825-11119</del>	DS43		Reduce Capacity -	Virginia Ave NW	Rock Creek and Potomac Pkwy NW	18th St NW	3	3	6	5	2021 completed
130	<del>T3212</del> T3232	<del>7837-10614</del>	DS44		Reduce Capacity - bike lanes	Warder Street/7th Street NW	Kenyon St NW	New Hampshire Ave NW	4	4	2	1	2022 completed
131	T13599	34050			Reduce Capacity	Western Ave NW	Park Ave	River Road NW			3	2	2024
132	T13599	34051			Reduce Capacity	Western Ave NW	River Road NW	45th Street NW			4	3	2024
133	T13599	34052			Reduce Capacity	Western Ave NW	45th Street NW	Jenifer Street NW			5	4	2024
134	<del>3232</del> T13578	<del>709-29860</del>	DS19		Reduce Capacity	Wheeler Road SE	Alabama Avenue	Southern Avenue			4	2	<del>2021</del> 2027
135	CE3077	558	DP42B	ED0C2A	Reduce Capacity	C Street (westbound only)	<del>Oklahoma Avenue</del> 16th Street NE	14th Street NE			5 2	3 1	2022 completed
136	CE3077	<del>558-33201</del>	DP42A	ED0C2A	Reduce Capacity	N. Carolina Avenue	14th Street NE	<del>Oklahoma Avenue</del> 16th Street NE			5 4	3 2	2022 completed
137	CE3077	<del>558-33202</del>	DP42	ED0C2A	Reduce Capacity	C Street/ <del>N. Carolina Avenue</del>	<del>Oklahoma Avenue</del> -22nd Street NE	14th Street-NE 16th Street NE			5	3	2022 completed
138	<del>CE3081</del>	841	DP25		<del>Reduce Capacity - Streetcar</del>	<del>H Street NE/NW</del>	<del>3rd Street NE</del>	<del>New Jersey Ave NW</del>			6	4	2040
139	3212	11116	DP43A		Reduce Capacity Bus Lanes	H Street NW	Pennsylvania Ave	Connecticut Ave	2	2	4	3	2021 completed
140	3212	11117	DP43B		Reduce Capacity Bus Lanes	H Street NW	Connecticut Ave	Vermont Ave	2	2	4	2	2021 completed
141	<del>3212</del> T3232	11118	DP43C		Reduce Capacity Bus Lanes	H Street NW	Vermont Ave	15th Street	2	2	4	3	2021 completed

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142	3212 T3232	11119	DP43D		Reduce Capacity Bus Lanes	H Street NW	15th Street	14th Street	2	2	3	2	2021 completed
143	T13580	32584	DP43E		Reduce Capacity Bus Lanes	H Street NW	13th Street	9th Street	2	2	6	3	2022 completed
144	T13580	32585	DP43F		Reduce Capacity Bus Lanes	H Street NW	9th Street	6th Street	2	2	6	4	2022 completed
145	T13580	32586	DP43G		Reduce Capacity Bus Lanes	H Street NW	6th Street	5th Street	2	2	6	3	2022 completed
146	T13580	32587	DP43H		Reduce Capacity Bus Lanes	H Street NW	New Jersey Avenue NW	North Capitol St	2	2	6	4	2022 completed
147	T13584	30503			Reduce Capacity	H Street NE	3rd Street NE	Benning Ave NE	2	2	4	2	2024
148	T3232	31823			Reduce Capacity - bike lanes	I St NW	15th St NW	Vermont Ave NW			3	2	2024
149	3212 T3232	11122	DP44C		Reduce Capacity Bus Lanes	I Street NW	17th Street	18th Street	2	2	3	2	2021 completed
150	3212 T3232	11123	DP44D		Reduce Capacity Bus Lanes	I Street NW	19th Street	20th Street	2	2	3	2	2021 completed
151	T3232	31633			Reduce Capacity - bike lanes	K St NE	1st St NE	2nd St NE			4	2	2024
152	CE3652	946	DP34		Reduce Capacity - bike lanes	K Street NW	7th St NW	1st Street NE			4	2	2021 completed
153	<del>CE3081</del>	844	<del>DP26A</del>		<del>Reduce Capacity - Streetcar</del>	<del>K Street NW</del>	<del>New Jersey Avenue NW</del>	<del>7th Street NW</del>			3	2	2040
154	<del>CE3081</del>	845	<del>DP27</del>		<del>Reduce Capacity - Transitway</del>	<del>K Street NW</del>	<del>9th Street NW</del>	<del>12th St NW</del>			4	2	2025
155	<del>CE3081</del>	846	<del>DP28</del>		<del>Reduce Capacity - Transitway</del>	<del>K Street NW</del>	<del>12th St NW</del>	<del>21st St NW</del>			6	4	2025

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	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
156	<del>CE3081</del>	847	DP29		<del>Reduce Capacity - Streetcar</del>	<del>K Street NW</del>	<del>21st Street NW</del>	<del>25th Street NW</del>			4	2	2040
157	<del>CE3081</del>	848	DP30		<del>Reduce Capacity - Streetcar</del>	<del>K Street NW</del>	<del>25th Street NW</del>	<del>29th Street NW</del>			6/4	4	2040
158	<del>CE3081</del>	849	DP31		<del>Reduce Capacity - Streetcar</del>	<del>K Street NW</del>	<del>29th Street NW</del>	<del>Wisconsin Avenue NW</del>			4	2	2040
159	T3232	31599			Reduce Capacity - bike lanes	M St NE	1st St NE	1st St NW			2	1	2026
160	T3232	<del>1005-31904</del>	DS31		Reduce Capacity - bike lanes	M Street SE	<del>Half St 1st Street SE</del>	11th Street SE			6	5 3	2022-2023 completed
161	T13585	30507			Reduce Capacity Bus Lanes	U Street NW	18th Street	9th Street			4	2	2025
162	T3232	31781			Reduce Capacity - bike lanes	4th St NW	Butternut St NW	Van Buren St NW			2	1	2030
163	T3232	1013 831			Reduce Capacity - bike lanes	9th St NW	Massachusetts Ave	Florida Ave			4	3/2-2	2030-2023 completed
164	T3232	1012	DP39		Reduce Capacity - bike lanes	9th St NW	Constitution Ave	Massachusetts Ave			6/4	4/2	2030 2023 completed
165	T3232	829	DS21		Reduce Capacity - bike lanes	6th Street NW	Constitution Avenue	Massachusetts Avenue			6 peak - 4 offpeak	4 peak - 2 offpeak	2030
166	T3232	830	DS22		Reduce Capacity - bike lanes	6th Street NW	Massachusetts Avenue	Florida Ave NW			4	3	2030
167	T3232	702	DS9		Reduce Capacity	7th Street NW	New York Avenue	N Street			4	2	<del>2021</del> 2016 completed
168	T13599	34040			Reduce Capacity	7th Street NW	Pennsylvania Ave NW	Constitution Avenue NW			6	3	2025
169	T13599	34041			Reduce Capacity	7th Street NW	Constitution Avenue NW	C Street/ Maryland Ave SW			7	4	2025
170	T13599	34042			Reduce Capacity	7th Street NW	C Street/ Maryland Ave SW	G Street SW			6	3	2025
171	T13599	34043			Reduce Capacity	7th Street NW	G Street SW	Maine Ave SW			6	3	2025
172	T13588	31056			Reduce Capacity Bus Lanes	8th Street SE	I Street	L Street			3	2	2024

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173	T13588	31057			Reduce Capacity Bus Lanes	8th Street SE	D Street	L Street				1	2024
174	T13588	31058			Reduce Capacity Bus Lanes	8th Street SE	E Street	Pennsylvania Ave				1	2024
175	T13583	30480			Reduce Capacity Bus Lanes	11th St NW	E Street NW	L Street NW			4	2	2024
176	T13583	32645			Reduce Capacity Bus Lanes	11th St NW	Pennsylvania Ave NW	E Street NW			4	2	2024
177	<del>T3212</del> T3232	<del>7820-11123</del>	DS35		Reduce Capacity - bike lanes	15th Street Cycletrack	Pennsylvania Ave NW	East Basin Dr. SW	3	3	4	3	<del>2021</del> 2022 completed
178	T3232	31822			Reduce Capacity - bike lanes	15th St NW	H St NW	I St NW			4	4	2024
179	T6638	839	DP23		Reduce Capacity - Bus Priority	16th Street NW	Arkansas Avenue NW	Columbia Road NW			6	4	2022 completed
180	T6638	840	DP24		Reduce Capacity - Bus Priority	16th Street NW	Columbia Road NW	W Street NW			5	4	2022 completed
181	CE3651 <del>T3212</del>	944	DP32		Reduce Capacity - bike lanes	17th Street NW	New Hampshire Avenue	<del>K St. NW</del> Massachusetts Ave.	3	3	2	1	2021 completed
182	T3232	31534			Reduce Capacity - bike lanes	17th St NE/SE	Benning Rd NW	Potomac Ave SE			2	1	2023 completed
183	T3232	31996			Reduce Capacity - bike lanes	19th St SE	Potomac Ave SE	East Capitol St NE			2	1	2024
184	<del>T3212</del> T3232	<del>7821-11122</del>	DS37		Reduce Capacity - bike lanes	20th St. NW Bike Lanes	G St.	Massachusetts Ave.	4	4	4	2	2022 completed
185	<del>T3212</del> T3232	<del>7827-11118</del>	DS38		Reduce Capacity - bike lanes	21st St. NW	<del>Constitution Ave.</del> C Street NW	Massachusetts Ave. G Street NW			3	2	2021 completed
<b>MDOT</b>													
<b>Interstate</b>													
186	T3044	126	MI2Q	MO8391	Construct	I 270 Interchange	at Watkins Mill Road		1	1	8	8	2020 completed

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187	<del>T6432</del> <del>T11582</del> CE1186	125	MI2U1	AW0731 AW0754	Construct/Widen	I 270 Toll Lanes	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	2025 2030
188	<del>T6432</del> <del>T11582</del> <del>CE1186</del> CE3281	125	MI2U1	AW0731 AW0754	Construct/Widen-Convert	I 270 Toll Lanes	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 + 2-4 HOT	2025 2040
189	<del>T6432</del> <del>T11582</del> <del>CE1186</del> CE3281	892	MI2U2	AW0731 AW0754	Construct	I 270 Toll Lanes	I 270Y	I 370	1	1	10 + 2 HOV	10 + 4 HOT	2025 2040
190	<del>T6432</del> CE1186 T11583	893	MI2U3	AW0731 AW0754	Construct/Widen Study	I 270 Northbound Toll Lanes	I 370	Middlebrook Road	1	1	3 + 1 HOV NB	3 + 2 HOT NB	2030 not coded
191	<del>T6432</del> CE1186 T11583	893	MI2U4	AW0731 AW0754	Construct/Widen Study	I 270 Southbound Toll Lanes	Middlebrook Road	I-370	1	1	4 SB	4 + 2 HOT SB	2030 not coded
192	<del>T6432</del> CE1186 T11583	894	MI2U5	AW0731 AW0754	Construct/Widen Study	I 270 Northbound Toll Lanes	Middlebrook Road	MD 121	1	1	2 + 1 HOV NB	2 + 2 HOT NB	2030 not coded
193	<del>T6432</del> CE1186 T11583	894	MI2U6	AW0731 AW0754	Construct/Widen Study	I 270 Southbound Toll Lanes	MD 121	Middlebrook Road	1	1	3 SB	3 + 2 HOT SB	2030 not coded
194	<del>T6432</del> CE1186 T11583	895	MI2U7	AW0731 AW0754	Construct/Widen Study	I 270 Toll Lanes	MD 121	I 70 / US 40	1	1	4	4 + 4 HOT	2030 not coded
195	6444	953	MI2TSB7		Construct	I270 southbound auxiliary lane (innovative congestion management)	MD 28 on-ramp	MD 189 off-ramp	1	1			2021 2024
196	6444	957	MI2TNB2		Construct	I270 northbound auxiliary lane (innovative congestion management)	MD 189 on-ramp	MD 28 off-ramp	1	1			2021 2024
197	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			2021 2024
198			MI2TNB3		Construct	I270 northbound (innovative congestion management)	Shady Grove Road	I-370 off-ramp	1	1			2019 completed
199			MI2TNB4		Construct	I270 northbound (innovative congestion management)	MD 124 on-ramp	Watkins Mill Road off-ramp	1	1			2019 completed

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200			MI2TNB4		Construct	I270 northbound auxiliary lane (innovative congestion management)	Watkins Mill Road on-ramp	Middlebrook Road westbound off-ramp	1	1			2019 completed
201	CE1187	210	MI4		Widen	I 70	Mt. Phillip Road	West of I 270	1	1	4	6	2035
202	CE2250	151	MI4a	FR5801	Reconstruct	I 70	at MD 144FA, Meadow Road, and Old National Pike		1	1	6	6	2022 completed
203	<del>CE1479-T2894</del>	108	MI1P MI1PR	PG3331	Construct	I-95/I-495	at Greenbelt Metro Station		1	1	8	8	2030
204	<del>T6432-T11582-CE3281-CE3863</del>	696	MI1Q	<del>AW0731-AW0754</del>	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 HOT	2025 2035
205	<del>T6432-T11582-CE3281-CE3863</del>	856	MI1R	<del>AW0731-AW0754</del>	Construct/Widen Study	I 495 Toll Lanes	I 270Y - western spur	MD 355	1	1	6	6 + 4 HOT	2025-not coded
206	<del>T6432-CE3281</del>	905	MI1S	AW0731	Study	I 495 Toll Lanes	<del>MD 355 MD 187</del>	I 95	1	1	8	8 + 4 HOT	not coded
207	<del>T6432-CE3281</del>	906	MI1T	AW0731	Study	I 95 / I 495 Toll Lanes	I 95	Baltimore Washington Parkway	1	1	8	8 + 4 HOT	not coded
208	T6432 CE1182	907	MI1U	AW0731	Study	I 95 / I 495 Toll Lanes	Baltimore Washington Parkway	Glenarden Parkway	1	1	8	8 + 4 HOT	not coded
209	T6432 CE1182	908	MI1V	AW0731	Study	I 95 / I 495 Toll Lanes	Glenarden Parkway	MD 202F	1	1	10	10 + 4 HOT	not coded
210	T6432 CE1182	909	MI1W	AW0731	Study	I 95 / I 495 Toll Lanes	MD 202F	Potomac River (not including Wilson Bridge)	1	1	8	8 + 4 HOT	not coded
<b>Primary</b>													
211	T3108	139	MP10A	PG2531	Reconstruct	US 1	College Avenue	MD 193	2	2	4	4	2023 2024
212	CE1200	370	MP9	CA4131	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	2045
213	CE1200	913	NRS	CA4131	Construct	MD 2 / MD 4 Interchange	at Stoakley Road/Hospital Drive and at MD 765A (south junction)		2	5	4	6	2045
214	<del>T6394</del>	<del>127</del>	<del>MP2C</del>	<del>AT1981</del>	Widen	<del>MD 3 Robert Crain Highway</del>	<del>I595/US 50/US 301</del>	<del>Anne Arundel County Line</del>	<del>2</del>	<del>2</del>	<del>4</del>	<del>6</del>	<del>2035</del>

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215	CE1194	212	MP3A	PG9171	Widen	MD 4 Pennsylvania Avenue	I-95/I-495	MD 223	5	5	4	6	2040
216	<del>T3469</del> CE1196	205	MP4F	PG3916	Widen/Upgrade	MD 5 Branch Avenue	US 301 at T.B.	North of I95 / I 495	2	5	4	6	2035
217	CE3567 T6431	914 34276	MP15B	FR1881	Construct/Widen	US 15	MD 26	North of Biggs Ford Road with grade separated interchange at Biggs Ford Road	5	5	4	6	2040
218	CE3566 T6431	915- 34269	MP15A	FR1881	Construct/Widen	US 15	US 340 / South Jefferson Street I-270	MD 26	5	5	4	6	2030
219	<del>CE1197</del>	551			Construct	US 29 Columbia Pike	at Tech Road / Industrial Road		5	5	6	6	2030-2035
220	<del>CE1197</del>	552, 919, 918	MP19A- MP19B- MP19C		Construct	US 29 Columbia Pike Interchange	at Stewart Lane, Greencastle Road, & Blackburn Road		5	5	6	6	2045
221	CE1210	858	FP2B		Widen	MD 85	South of English Muffin Way	Crestwood Drive/Shockley Drive	2	2	2/4	4	2035
222	CE1210	859	FP2C	FR3881	Construct/Widen	MD 85 Buckeystown Pike	Spectrum Drive	North of Grove Road	2	2	4	6	2035
223	T6483	391	FP2A	FR3881	Construct/Widen	MD 85 Buckeystown Pike	Crestwood Drive/Shockley Drive	Spectrum Drive	2	2	4	6	2022 2023 completed
224	CE1190	387	MP14 NRS	PG6191	Reconstruct	MD 202	at Brightseat Road		2	2	6	6	2045
225	<del>T4879</del> T6524 CE1199	124	MP6D	PG2211	Upgrade	MD 210 Indian Head Highway	I-95/495	MD 228	2	5	6	6	2040
226	T5527	384	MP18		Construct	US 301 Gov. Nice Bridge	Charles County, MD	King George County, VA	2	2	2	4	2023 2025
227	<del>CE1004</del> <del>CE1619</del>	940	MP8E		Widen	US 301	Harry Nice Bridge	I-595 / US 50	2	5	4/6	6	2045
<b>Secondary</b>													
228	<del>T3476</del> CE1462	206	MS2F	MO8861	Widen	MD 28 Norbeck Road	MD 97	MD 182	2	2	2	2-4 4	2045
229	T3106	137	MP12C	MO7461	Construct	MD 97 Brookeville Bypass	Gold Mine Road	North of Brookville	0	2	0	2	2021 2025
230	<del>CE2618</del> T5420	931 33680- 35167	NRS	MO2241	Reconstruct- Widen	MD 97	MD 390	MD 192 / Forest Glen Road	2	2	6-7	6/7 8	2030
231	CE1211	392	NRS	MO8521		MD 97 Georgia Avenue Interchange	at MD 28 Norbeck Road		2	2	6	6	2035

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232	CE1203	115	MS32		Reconstruct	MD 117 Clopper Road	I270	Metropolitan Grove Road	3	3	4	4	2030
233	CE1203	921	NRS-MS32A		Reconstruct	MD 117 Clopper Road	Metropolitan Grove Road	West of Game Preserve Road	3	3	2	3	2035
234	<del>3057</del> CE1206	118	MS6B	MO632	Widen	MD 124 Woodfield Road	Midcounty Highway	South of Airpark Drive	3	3	2	6	2035
235	<del>3057</del> CE1206	1	MS6D	MO6323	Widen	MD 124 Woodfield Road	North of Fieldcrest Road	Warfield Road	3	3	2	6	2035
236					reduce capacity bus lanes	MD 193 (University Blvd)	Amherst Ave.	Dennis Ave.			6	4	2024
237	CE2253 T13579 T4887	356	MS35	PG6911	Widen	MD 197 Collington Road	MD 450	Kenhill Drive	2	2	2	4	2030 2050
238	CE2261	924	MS36A	FR5491	Construct/Widen	MD 180-	Greenfield Drive-	I-70 (west junction)-	4	4	2	4	2035
239	CE1204	359	MS10B	PG9491	Widen	MD 201 Edmonston Rd. / Old Baltimore Pike	Cherrywood Lane	Ammendale Way	3	3	2/3	4	2045
240	CE1204	965	MS10E	PG9491	Construct/Widen	MD 201 Extended (Cedarhurst Dr.)	Muirkirk Road	US 1	3	3	2	4	2045
241	CE1207	175	MS18D	PG6541	Widen	MD 450 Annapolis Road	Stonybrook Drive	west of MD 3	2	2	2	4	2030 2035
242	T3542	516	same as MC15B	MO3441	Construct	Montrose Parkway	Randolph Road	East of Parklawn Drive	0	2	0	4	2020 2045
<b>Frederick County</b>													
<b>Secondary</b>													
243		648	MS36C	FR5491	Widen/Upgrade	MD 180 Ballenger Creek Pike	Ballenger Center Drive	Corporate Drive	3	2	2	4	2020 completed
244	CE3594	880	FS3		Expansion	Christopher's Crossing	Walter Martz Road	Thomas Johnson Drive	3	3	0 to 2	4	2020 2024
245	T5494	993	FS3A		Widen/Upgrade	Christopher's Crossing	Whittier Drive	Poole Jones Rd./Walter Martz Rd.	3	3	2	4	2024
246	CE1181	651	FS2a		Widen	Monocacy Boulevard	Schifferstadt Boulevard	Gas House Pike	3	3	2	4	2019 2020 completed
<b>Montgomery County</b>													
<b>Secondary</b>													
247	CE1577	199	MC43		Construct	Dorsey Mill Road Bridge over I-270	Century Blvd.	Milestone Center Dr.-Observation Dr.	0	3	0	4	2030 2040

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248	T3049	112	MC7A		Widen	Goshen Road South	South of Girard Street	1000 feet north of Warfield Road	3	3	2	4	2030-2040
249	T7503	11221			Widen	Little Seneca Parkway	MD355	Observation Drive	3	3	2	4	2035
250		113	MC12F		Widen	MD 118 Germantown Road Extended	MD 355	M-83 at Watkins Mill Road	2	2	3	4	2020
251	CE1229	161	MC14G		Widen	Middlebrook Road Ext.	MD 355	M-83	2	2	3	4	2045
252	3703	214	MC15B		Construct	Montrose Parkway East	Eastern Limit of MD 355/Montrose-Interchange	Veirs Mill Road/Parkland Road-Intersection	0	2	0	4	2045
253	T7503	11220			Construct	Extend Observation Drive	Waters Discovery Lane	West Old Baltimore Road	0	3	0	4	2035
254	T7503	11222			Construct	Extend Observation Drive	Little Seneca Parkway	Existing Observation Drive near Stringtown Road	0	3	0	2	2045
255	CE1236	119	MC34		Widen	Snouffer School Road	MD 124 Woodfield Road	Centerway Road	3	3	2	4	2021 completed
<b>Urban</b>													
256	T5986	423		501116-5	Construct	MD 187 Old Georgetown Road	MD 187 Old Georgetown Road	Nicholson Lane/Tilden Lane			0	6	2030
<b>Prince George's County</b>													
<b>Secondary</b>													
257	6367	361	PGS3a		Widen	Addison Road	Walker Mill Road	MD 214 Central Avenue	3	3	2	4	2026
258	CE1270	386	PGS5		Construct	Allentown Road Relocated	MD 210 Indian Head Highway	Brinkley Road		3		4	2028
259	CE1320	365	PGS73	PGS73	Widen	Ardwick-Ardmore Road	MD 704	91st Ave.	4	4	2	4	2030
260	CE1272	388	PGS9a		Widen	Bowie Race Track Road	MD 450 Annapolis Road	Clearfield Road	4	4	2	4	2024
261	CE1277	140	PGS16a		Construct	Campus Way North	Lake Arbor Way	south of Lottsford Road	0	4	0	4	2023
262	CE1277	138	PGS16b		Construct	Campus Way North Extended	south of Lottsford Road	Evarts Drive	0	4	0	4	2020
263	CE1279	142	PGS18		Widen	Church Road	Woodmore Road	Central Ave. (MD 214)	4	4	2	4	2028
264	CE1280	143	PGS20a		Widen	Columbia Park Road	Cabin Branch Road	Columbia Terrace	4	4	2	4	2020
265	CE1288	162	PGS30a		Widen	Good Luck Road	MD 201 Kenilworth Avenue (east of)	Gipriano Road	4	4	2	4	2025
266	3132	163	PGS34B		Widen	Hill Road	Consideration Lane	MD 214 Central Avenue	4	4	2	4	2028

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# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 4/24/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
267	T5806	165	PGS38b		Widen	Livingston Road	Piscataway Creek	Farmington Road	4	4	2	4	2025
268	CE1291	417	PGS38a		Widen	Livingston Road	MD 210 Indian Head Highway at Eastover	Kerby Hill Rd.	4	3	2	4	2028
269		213	PGS40a		Widen	Lottsford Road	Archer Lane	MD 193 Enterprise Road	3	3	2	4	2021 completed
270			PGS40b		Reduce Capacity—bike-lanes	Lottsford Road	MD 202 (Landover Rd.)	Large Dr. West	3	3	6	4	2020
271	CE1295	360	PGP4a		Construct	MD 193 Greenbelt Road	Baltimore Washington Parkway (ramp to)		0	5	0	4	2025
272	CE1294	2	PGS42C		Widen	MD 223 Woodyard Road Relocated	Piscataway Creek/Floral Park Road	MD 4 /Livingston Road	3	3	2	4	2017
273	CE1295	169	PGS44b		Widen	Metzerott Road	Adelphi Road	MD 193 University Boulevard	4	4	2	4	2020 completed
274	CE1297	173	PGS47		Widen	Oak Grove and Leeland Roads	MD 193 Watkins Park Road	US 301 Robert Crain Highway	4	4	2	4	2028
275	CE1299	649	PGS50		Widen	Old Branch Avenue	MD 223 Piscataway Road (north of)	MD 337 Allentown Road	4	4	2	4	2028
276		369	PGS51a		Widen	Old Gunpowder Road	Powder Mill Road	Greencastle Road	3	3	2	4	2018
277	CE2623	153	PGS55b		Widen	Ritchie Marlboro Road	White House Road	Old Marlboro Pike	2	2	2	4	2028
278	CE1304	178	PGS58		Widen	Rosaryville Road	US 301	MD 223 Woodyard Road	3	3	2	4	2020
279	CE1309	181	PGS63		Widen	Sunnyside Avenue	US 1	MD 201 Kenilworth Avenue	4	4	2	4	2022
280	t3159	182	PGS64		Widen	Surrats Road	Beverly Ave.	Brandywine Rd	4	4	2	4	2025 Completed 2018
281	CE1314	187	PGS67a		Widen	Van Dusen Road	Contee Road	MD 198 Sandy Springs Road	3	3	2	4	2020
282		188	PGS68		Widen	Virginia Manor Road	Muirkirk Road	Old Gunpowder Road	4	4	2	4	2014 completed
283	CE1316	429	PGS69a		Widen	Walker Mill Road	Silver Hill Road	I-95	3	3	2	4	2028
284	CE2624	154	PGS91		Widen	Westphalia Road	MD 4 Pennsylvania Avenue	Ritchie Marlboro Road	2	2	2	4	2028
285		436	PGS40b		Construct	Woodmore Road	MD 193 Enterprise Road	Church Road	3	3	2	4	2025
<b>Anne Arundel County</b>													
286			AA14D		Widen	US 50	I-97	MD 2	1	1	6/8	8	2045
287					widen	I-97 HOV lanes	MD 32	US 50/301		2	4	6	2045
288			AA15A		Widen	I-295 with interchange at Hanover Road	I-195	MD 100	1	1	4	6	2035 2045
289			AA3E		Widen	MD 2	US 50	I-695 MD100			4	6	2035-2045

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**DRAFT 4/24/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
290			AA4E		Widen	MD 3	MD 32 Waugh Chapel Road	MD 424-St. Stevens Church Road	2	2	4	6	2025-2024 Complete
291			AA4F		Widen	MD 3 NB	St. Stevens Church Road	MD 32	2	2	4	5	2030
292					Widen	MD 32 HOV2	I-97	Howard County Line		2	6	8	
293			AA6E		Widen	MD 100	Howard Co. Line I-97	I-97 MD 170		5/1	4	6	2035 2024 Complete
287			AA6E		Widen	MD 100	MD 170	MD 713					
288			AA6EA		Widen	MD 100	MD 713	Howard County Line			4	6	2024 Complete
289			AA36		Widen	MD170	Norcross Ln.	Wieker Road			2	4	2026
290			AA8B		Widen	MD 175	MD 170	295 BW Parkway-Reece Road		2	4	6	2025 2045
291			AA8D		Widen	MD 175	Reece Rd	Sellner Rd/Race Rd			4	6	2025
292			AA35		Widen	MD 177	MD 2	Lake Shore Dr.			2	4	2045
293			AA30		Widen	MD 198	MD 32	BW Parkway	2	2	2	4	2030-2035
294			AA37		Widen	MD 214	MD 424	Shoreham Beach Rd.			2	4	2045
295			AA34A		Widen	MD 713	MD 175	MD 176		2	2	4	2040 2045
<b>Carroll County</b>													
298			CA2A		Widen	MD 26	MD 32	Liberty Reservoir			4	6	2035 2050
			CA7		Widen	MD 27	Carroll County Line	Leishear Road			2	4	2040
299			CA4A		widen	MD 32	MD 26	Howard County Line		2	2	5 4	2040
300			CA5		Widen	MD 97	MD 140	Bachmans Valley Rd.		2	2	4 5	2035 2028
301			CA1B		Widen	MD 140	Sullivan Road	Market St.		1	6	8	2035 2050
<b>Howard County</b>													
302			HW1B		Widen	I-70	US 29	MD 32	1	1	4	6	2035
303			HW19		Widen	I-95 Peak period shoulder use	MD 32	MD 100	1	1	4	4+1	2035 2034
304			HW20		Widen	US 1	Howard/Pg line	Howard/Balt. Co. line			4	6	2045
305			HW10B		Widen	US 29 NB	Middle Patuxent River	Seneca Dr.		5	4	6	2030
			HW23		Construct	US 29/Brokenland Parkway Interchange & North South Connector Rd.							2025
			HW3e		Widen	MD 32	Cedar Lane	Anne Arundel County Line Brook Bridge Rd.	-	1	4/6	8	2045
			HW3B		Widen	MD 32	MD 108	I-70		2	2	4	2021 2022 Completed
			HW3D		Widen	MD 32	I-70	Howard/ Carroll County Line River Rd			2	4	2045
306			HW5F		Widen	MD 100	I-95	AA/Howard Line	1	1	4	6	2035 2045
307			HW6e		Widen	MD 108	Trotter Rd.	Guilford Rd.	2	2	2	4	2035
308			HW7C		Widen	MD 175	Oceano Ave	Howard/AA Col Line			2	4	2045 2040

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309			HW8B		Widen	MD 216	High School Access Rd.	Maple Lawn Blvd.		3	2	4	2015 completed
310			HW22		Widen	Marriotsville Road	US 40	MD 99			2	4	2025
311			HW14C		Widen	Snowden River Parkway	Oakland Mills Road	Broken Land Parkway		3	4	6	2023 2030
<b>Calvert-St. Mary's MPO</b>													
314	CE2246	644	MP9B	C-SMMPO	Construct Study	Thomas Johnson Bridge replacement	over the Patuxent River		2	2	2	4	2031 not coded
315			MP9C	C-SMMPO	Widen	MD 4 (in St. Mary's County)	Thomas Johnson Bridge	MD 235	2	2	2	4	2031 2032
316			NRS	C-SMMPO	Construct	MD 4/ MD 235 Interchange	in Lexington Park		2	2	--	--	2028 2032
317			MP9D	C-SMMPO	Widen	MD 4 (in Calvert County)	Thomas Johnson Bridge	Patuxent Point Parkway	2	2	2	4	2031 2034
318			NRS	C-SMMPO	Reconstruct	MD 5 Great Mills Project	MD 471 Indian Bridge Road	MD 246 Great Mills Road			2	2	2026 2030
<b>VDOT</b>													
<b>Federal Lands</b>													
319	CE3061- CE3791	433- 32610	FED3A		Construct	Manassas National Battlefield Park Bypass	US 29 West of Centreville-Lee Highway at Pageland Lane	East of Gainesville, via 234 Bull Run Drive	0	1	0	4	2040
320	CE3061- CE3791	434- 32611	FED3B		Remove/Close	US 29 Lee Highway	Pageland Lane	Bridge over Bull Run Paddington Lane	2	2	2/4	0	2040
321	CE3061- CE3791	435- 32612	FED3C		Remove/Close	VA 234 Sudley Road	Southern Park Boundary Battleview Parkway	Sudley Springs (north of park)- Featherbed Lane			2	0	2030 2040
<b>Interstate</b>													

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322	CE1759	399	VI1AJ	81009	Construct	I 66 Vienna Metro Station bus ramp (duplicate project with ConID 759, below)	Transit Ramps- from EB & to WB	'@Vaden Dr.	1	1	0	2	2022 completed
323	CE2096	350	VI1AG	78827	Reconstruct	I 66 WB Operational/Spot Improvements	Lee Highway/Spout Run On-Ramp	Glebe Road Off-Ramp	1	1	2	3	2022 completed
324	CE3448-T6540	718	VI1Y	105500	Widen / Revise Operations	I-66	I-495	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	2022 completed

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	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
325	CE3448-T6540	851	VI1Z	105500	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)	2022 completed
326	CE3448-T6540	852	VI1ZA	105500	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	2022 completed
327	CE3448-T6540	852	VI1ZA1	105500	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 during peak period	3 general purpose+ 2 HOT in each direction (+1 Auxiliary each direction between US 29 and VA 234 Bypass only)	2022 completed

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	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
328	CE3448-T6540	853	VI1ZB	105500	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 + 1 HOV in peak direction during peak period	3 general purpose+ 2 HOT in each direction (+1 Auxiliary each direction between US 29 and VA 234 Bypass only)	2040 2024
329	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	2022 completed
330	CE3484	862	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
331	CE3448	7221			Study	I-66 Revise Operations by 2024	I-495	US 29 near Rosslyn			HOT 3 in peak direction during peak period	HOT 3 in both directions during peak period	not coded
332	CE3484	788	VI1XB		Construct/Widen	I 66 Eastbound	VA 267 DTR	Washington Blvd. Off-Ramp	1	1	3	4	2040 2020 completed
333	CE3484	789	VI1XC		Construct/Widen	I 66 Eastbound	Washington Blvd. Off-Ramp	North Fairfax Drive	1	1	2	3	2040 2020 completed
334	CE3484	786	VI1XD		Construct/Widen	I 66 Westbound	Sycamore Street	Washington Blvd. On-Ramp	1	1	2	3	2040 2020 completed
335	CE3448-T6540	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 completed

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336	CE3448-T6540	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 completed
337	CE3448-T6540	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 completed
338	CE3448-T6540	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 completed
339	CE3448-T6540	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 completed
340	CE3448-T6540	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	@Vaden Dr.	1	1		Bus / HOV-3 / HOT from proposed Express Lanes	2022 completed
341	CE3448-T6540	983	I66R43		Remove	I-66 ramp	remove existing EB on-ramp from Saintsbury Dr. at Vaden Dr.						2022 completed
342	CE3448-T6540	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 completed
343	CE3448-T6540	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 completed
344	CE3448-T6540	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 completed
345	CE3448-T6540	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 2024
346	CE3448-T6540	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 2024

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347	CE3448-T6540	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 completed
348	CE3448-T6540	769	I66R17 I66R18		Revise Operations	I-66 Express Lanes Interchange Ramps	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 completed
349	CE3448-T6540	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 completed
350	CE3448-T6540	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 completed
351	CE3448-T6540	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 completed
352	CE3448-T6540	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 completed
353	CE3448-T6540	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 completed
354	CE3448-T6540	916	I66R61		Construct	I-66 Express Lanes Interchange ramps	SB HOV to WB Expr	Route 28 Interchange	0	1	0	1	2040 2024
355	CE3448-T6540	917	I66R45		Construct	I-66 flyover ramp	EB general purpose to EB Express Lanes	.65 miles east of VA Bus 234	0	1	0	1	2022 completed
356	CE3448-T6540	920	I66R46		Construct	I-66 flyover ramp	WB Express Lanes to WB general purpose	.65 miles east of VA Bus 234	0	1	0	1	2022 completed
357	CE3448-T6540	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 completed

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358	CE3448-T6540	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 2024
359	CE3448-T6540	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 2024
360	CE3448-T6540	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 completed
361	CE3448-T6540	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 2024
362	CE3448-T6540	785	VSP49C		Construct	I-66 Express Lanes Access Connector Road	Heathcote Boulevard Extension	John Marshall Highway (VA 55)	0	1	0	1	2040 2024
363	CE2147	270	VI2AC		Reconstruct	I-95 Interchange	VA 613 Van Dorn Street		1	1			2030
364	CE3556				Construct	I-95 HOT lanes ramp	.25 miles south of Russell Road (Exit 148)	Russell Road	0	1	0	1	2022 2023 completed
365	CE2667	378	BRAC	BRAC0005	Construct	I-95 NB Off Ramp at Newington	I-95 NB	Fairfax County Parkway NB	1	1	0	1	2020 completed
366	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 2023 completed
367		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 completed
368		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 completed
369	T6682	969	VI2X		Construct	I-95 Auxiliary Lane SB	VA 123	VA 294	1	1	0	1	2022 2023 completed
370	CE3697-T11510	1011	VI2R48		Construct	I-95 Opitz Drive Reversible Ramp	I-95 Express Lanes at Opitz Drive	Opitz Drive	1	1	0	1	2022 2024
371	CE3811	28920			Widen/Revise Operations	I-95 Express Lanes- bi-directional operation	Furkeycock Run I-95/Springfield Interchange	Opitz Blvd.	1	1	reversible	bi-directional : 3 lanes peak direction, 2 lanes off-peak direction	2030

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# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 4/24/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
372	CE3811	38801			Widen/Revise Operations	I-95 Express Lanes- new northbound and southbound access ramps to serve bi-directional operation			1	1			2030
373	CE3814	24840 28929			Construct	I-95/I-495 Express Lanes I-95/I-495 Southside Express Lanes (SEL)	Springfield Interchange East of Springfield Interchange	MD-210 West of I-295	1	1	varies	+2 express in each direction	2031
373a	CE3814				Construct	I-95/I-495 Southside Express Lanes (SEL)	I-295 Interchange	East of MD 210	1	1	varies	+1 express in each direction	2031
374	CE3814	24840 28929			Construct	I-95/I-495 Express Lanes access ramps	Van Dorn St., US 1, I-295, and MD 210		1	1			2031
375	CE3813	28925			Revise Operations	I-95 Express Lanes- truck access	I-95/Springfield Interchange Turkeycock Run	I-95/Route 17 Exit	1	1			2030
376	CE3812	28921			Revise Operations	I-495 Express Lanes- truck access	I-95/I-395 Interchange	American Legion Bridge	1	1			2030
377	CE3272	20	VI41aux1		Widen	I-495 Capital Beltway NB Auxiliary Lane	North of Hemming Ave. Underpass	Braddock Road Off Ramp	1	1	4+2	5+2	2030
378	CE3272	21	VI41aux2		Widen	I-495 Capital Beltway SB Auxiliary Lane	Braddock Road On Ramp	North of Hemming Ave. Underpass	1	1	4+2	5+2	2030
379	CE3272	22	VI41aux3		Widen	I-495 Capital Beltway NB Auxiliary Lane	Braddock Road On Ramp	VA 236 Off Ramp	1	1	4+2	5+2	2030
380	CE3272	24	VI41aux5		Widen	I-495 Capital Beltway NB Auxiliary Lane	VA 236 On Ramp	Gallows Road Off Ramp	1	1	4+2	5+2	2030

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# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 4/24/2024**

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381	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
382	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
383	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
384	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
385	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	2025
386	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	2035
387	CE2069-T11577	999	VI4IRMP1		Construct	I-495 Express Lanes On-Ramp	Dulles Connector Road WB	I-495 Express Lanes NB	0	1	0	1	2025 2026
388	CE2069-T11577	1001	VI4IRMP2		Construct	I-495 NB Exchange Ramp	I-495 NB GP Lanes at Dulles Toll Road	I-495 NB Express Lanes	0	1	0	1	2045 2026
389	CE2069-T11577	1002	VI4IRMP3		Construct	I-495 SB Exchange Ramp	I-495 SB GP Express Lanes at Dulles Toll Road	I-495 SB GP Lanes	0	1	0	1	2045 2026
390	CE2069-T11577	40	VI4K		Construct	I 495 Capital Beltway HOT Lanes	American Legion Bridge	George Washington Parkway (south of)	1	1	8	8+4	2025 2026
391	CE2069-T11577	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 2026
392	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	2035 2013 completed
393	CE3186	519	VI4IRMP6		Construct	I 495 Capital Beltway Interchange (Phase IV)	Provide SB HOT to EB HOV	at VA 267 Dulles Toll Road	1	1			2035 2013 completed

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# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 4/24/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
394	CE3186	519	VI4IRMP5		Construct	I 495 Capital Beltway Interchange (Phase IV)	Provide EB DTR to NB HOT	at VA 267 Dulles Toll Road	1	1			2025 2013 completed
395	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	2045 2013 completed
396	CE3186	520	VI4IRMP7		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	2045 2013 completed
397	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	2035 2013 completed
398	CE3680	991	VP21G		Widen	Dulles Greenway - eastbound only	Toll Plaza	Dulles Toll Road	1	1	2	3	2019 completed
399	CE3838	38420			Study	Dulles Toll Road Cleveland Ramp	SB I-495 off ramp 19A	Scotts Run Crossing	1	1	1/2	2/3	not coded
400	CE3671	970	VP15F		Widen	VA 267 Dulles Toll Road - eastbound only	Dulles Greenway	Centreville Rd. off-ramp	1	1	4	5	2019 completed
401	CE3152	534	VP15E		Construct	VA 267 Dulles Toll Road Ramp	New Boone Boulevard Extension at Ashgrove		0	1	0	2	2037 2040
402	CE3153	535	VP15B		Construct	VA 267 Dulles Toll Road Ramp	Greensboro Drive @ Tyco Road		0	1	0	2	2036 2040
403	CE1965	236	MW1	MW1	Widen	Dulles Airport Access Road	Dulles Airport	VA 123 I-495 Capital Beltway	1	1	4	6	2030 2040
<b>Primary</b>													
404	CE3291	549	VP1AH	90339	Widen	US 1 Richmond Highway	Fuller Road	Stafford County Line	2	2	4	6	2040
405	<del>CE2594</del> T6692	631	VP1AD	90339	Widen	US 1 Fraley Blvd. (Town of Dumfries)	Brady's Hill Road	VA 234 Dumfries Road	2	2	4	6	2025 2030
406	CE2594	632	VP1ADA		Widen	US 1 Richmond Highway	VA 234 Dumfries Road	Cardinal Drive/Neabsco Road	2	2	4	6	2030 2050
407	CE3180	85	VP1AG		Widen	US 1 Richmond Highway	Annapolis Way	<del>Pohick Road</del> Telegraph Rd.	2	2	4	6	2035 2045
408	CE1942 T6443	322	VP1U		Widen	US 1 Richmond Highway	Mt. Vernon Memorial Highway	VA 626 Sherwood Hall Ln	2	2	4	6	2028
409	CE3173	84	VP1AF	104303	Widen	US 1 Richmond Highway	Featherstone Road	Mary's Way	2	2	4	6	2022
410	<del>CE2161</del> T6310	239	VP1P	94102	Widen	US 1 Richmond Highway	Mary's Way	Annapolis Way	2	2	4	6	2019 completed
411	CE2161	634	VSP63	100938	Construct	Belmont Bay Drive Extension	US 1	Heron's View Way			0	4	2025 2022 completed

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# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 4/24/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
412	CE3331-T6618	653	VP2P	111666	Construct	VA 7 Interchange	At VA 690		2	2	0	4	2025 2027
413	CE3733		VP2JB		Widen	VA 7	VA 9	West Market St.	2	5	5	6	2030
414	CE1870	86	VP2JA	16006	Widen	VA 7 Bypass	VA 7 West Dulles Greenway	US 15 South King Street South VA7/US15 interchange	5	1	4	6	2040
415	CE1870	299	VP2J	16006	Widen	VA 7 Bypass	US 15 South King Street	VA7/US 15 East	5	± 5	4	6	2040 2030
416	CE2105 T6539	221	VP2M		Widen	VA 7	Reston Avenue	Jarrett Valley Dr.	2	2	4	6	2024 completed
417	CE2105	628	VP2Lb		Widen	VA 7 Leesburg Pike	VA 123 Chain Bridge Road	I-495 Capital Beltway	2	2	6	8	2030-2035
418	CE3161	87	VP2N		Widen	VA 7 Leesburg Pike	I-495	I-66	2	2	4	6	2030
419	CE2175	347	VP2B	TBD	Widen	VA 7	Seven Corners	Bailey's Crossroads	2	2	4	6	2030-2040
420	CE3792	36461			Construct	VA 7 Seven Corners Ring Road	West side of interchange on Route 50	East side of interchange on Route 50			0	4	2045
421	CE3162		VP4EA		Widen	US 15 James Madison Highway Overpass	US29 Lee Highway	Haymarket Dr	3	3	2	4	2040
422	CE3162		VP4EC		Widen	US 15 James Madison Highway Overpass	1200' S of RR tracks	1000' N. of RR tracks	3	3	2	4	2030 2038
423	CE3738-CE3608	881	VP4G-VP4GA		Widen	US 15	Battlefield Parkway	Montresor Road Whites Ferry Road	2	2	2	4	2026- 2027
424	CE3738-CE3608	881-27163	VP4G VP4GB		Widen	US 15	Battlefield Parkway Whites Ferry Road	Montresor Road	2	2	2	4	2026- 2029
425	CE2045	88	VP6H		Widen	VA 28	Fauquier County Line	VA 652 Fitzwater Drive	3	3	2	4	2040 2045
426	CE2045	309	VP6KA	105198	Widen	VA 28	VA 652 Fitzwater Drive	VA 215 Vint Hill Road	3	3	2	4	2019 completed
427	CE2045 T12001	326	VP6MA	96721	Widen	VA 28 Nokesville Road	Godwin Drive	Manassas City limits	3	2	4	6	2019 completed
428	CE2045	89	VP6K	105428	Widen	VA 28 Nokesville Road	Manassas City limits	VA 619 Linton Hall Road	3	3	4	6	2022 completed

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**DRAFT 4/24/2024**

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429	CE1734	1037	VP6EDD		Convert	VA 28 PPTA Phase II - HOV	I-66	Westfields Blvd	5	5	8+ 2 aux	6+ 2aux + 2-HOV	2040
430	CE1734	873	VP6EDE		Convert	VA 28 PPTA Phase II - HOV	Westfields Blvd	Dulles Toll Road	5	5	8	6+ 2-HOV	2040
431	CE1734	791	VP6EAA		Widen	VA 28 PPTA Phase II	I 66	Westfields Blvd	5	5	6	8+ 2 aux	2021 completed
432	CE1734		VP6EAB		Widen	VA 28 PPTA Phase II	Westfields	US 50	5	5	6	8	2025-2023 completed
433	CE1734		VP6EBB		Widen	VA 28 PPTA Phase II	US 50	Sterling Blvd.	5	5	6	8	2016 completed
434	CE1734	310	VP6ECC	106651	Widen	VA 28 PPTA Phase II	Sterling Blvd.	VA 7	5	5	6	8	2025 2023 completed
435	CE3479-T6450	737	VP6N	108720	Widen	VA 28 Centreville Road	US 29	Prince William County Line	2	2	4	6	2023 completed
436	CE1865	995	VP6O		Construct	VA 28 Manassas Bypass	VA 234 Sudley Road	VA 28 Centreville Road in the vicinity of Bull Run	0	5	0	4	2025- 2029
437	CE3383	730		105482	Study	VA 28	US 29	Liberia Avenue					Not Coded
438	CE1956	620	VP7s		Widen	US 29 (add NB lane)	I-66-US 55 (John Marshall Highway)	Entrance to Conway Robinson MSF-Pageland Lane	3	2	4	5 6	2030 2048
439	CE1933	349	VP7AA		Widen	US-29	ECL City of Fairfax (vic. Nutley St.)	Espana Court	2	2	4	6	2040
440	CE1933	625	VP7AB		Widen	US-29	Espana Court	I-495 Capital Beltway	2	2	4	6	2040
441	CE3474 T6604	731	VP7T		Widen	US 29 Lee Highway	VA 659 Union Mill Road	Buckleys Gate Drive	2	2	4	6	2024 2027
442	CE2182	319	VP8H		Widen	US 50	ECL City of Fairfax	Arlington County Line	2	2	4	6	2035 2040
4423	CE3739	2500	VP25		Construct	US 50 North Collector Road / Tall Cedars Parkway Extension	Tall Cedars Parkway	VA 28/ Air and Space Museum	0	2	0	4	2029 2033
444	CE3694	997	VP16		Widen	VA 55	Route 29	Fayette St.			2	4	2028
445	CE1723 CE2161	245	VP10G	100938	Widen	VA 123	US 1	Annapolis Way Occoquan River	2	2	4	6	2025 2045
446	CE1784	235	VP10H		Widen	VA 123 Ox Road	Hees Rd-Weatherly Way	Fairfax Co. Parkway	2	2	4	6	2030-2045

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447	CE1784	337	VP10F	1784	Widen	VA 123 Ox Road	Fairfax Co. Parkway	Burke Center Parkway	2	2	4	6	2030
448	CE1856	300	VP10R		Widen	VA 123	Burke Center Parkway	Braddock Road	2	2	4	6	2030
449	CE3159	95	VP10S		Widen	VA 123	VA 677 Old Courthouse Road	VA 7 Leesburg Pike			4	6	2030 2040
450	CE3376	595	VP10T		Widen	VA 123 Chain Bridge Road	VA 7 Leesburg Pike	I 495 Capital Beltway	2	2	6	8	2030 2040
451	CE3698	1015	VP10U		Widen	VA 123	VA 267 Dulles Access Road	VA 634 Great Falls Street	2	2	4	6	2030 2040
452	CE3371	590	VP24B		Widen	VA 215 Vint Hill Road	Kettle Run Drive	VA 1566 Sudley Manor Drive	4	4	2	4	2020 completed
453	<del>CE3641</del> T6617	934			Widen	VA 234 Sudley Road	Grant Road	Godwin Drive	2	2	2	3	2021 2025
454	CE1897	286	VP12O	99482	Construct	VA 234 Bypass Extension North	VA 234 Bypass@I-66 (Prince Wm. Co.)	US 50 (Loudoun Co.)		5		4	2040
455	CE3177	678		105420/F 143- T20906	Construct	VA 234 Bypass Interchange	Balls Ford Road Relocated						2022 completed
456	CE3178	660		T5665	Construct	VA 234 Bypass Interchange	Dumfries Road/Brentsville Road						2024
457	<del>CE1760</del>	311	VP13A		Widen	VA 236	Pickett Road	I-395	2	2	4	6	2035
458	<del>CE2106- CE3843</del>	96 30872	VSF25ea	57167	Widen	VA 286 Fairfax County Parkway	Sunrise Valley	Rugby Road	5	5	4	6	2035 2045
459	<del>CE2106- T6520</del>	320- 30083	VSF25GC		Widen	VA 286 Fairfax County Parkway	US 29	VA 123 Ox Road Nomes Ct.	5	5	4	6	2030 2027
460	<del>CE2106- T13567</del>	320- 29720	VSF25GB		Widen	VA 286 Fairfax County Parkway	VA 123 Ox Road Nomes Ct.	VA 123 Ox Road	5	5	4	6	2030 2028
461	CE3841	30685	VSF25GA		Widen	VA 286 Fairfax County Parkway	VA 123	Sydenstricker Road	5	5	4	6	2040 2045
462	CE2718	408	VSP23d		Widen	VA 294 Prince William County Parkway	VA 776 Liberia Avenue	VA 642 Hoadly Road	2	2	4	6	2040

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463	CE3151-CE3154	106-1033	VP15CD		Construct	Collector-Distributor Rd Westbound (parallels Dulles Toll Rd.)	Route 7 Leesburg Pike	VA 828 Wiehle Avenue	0		0	+1	2037
464	CE3154	107	VP15CDE		Construct	Collector-Distributor Rd Eastbound (parallels Dulles Toll Rd.)	VA 828 Wiehle Avenue	Route 7 Leesburg Pike	0		0	+1	2036
465	CE3154-CE3151	1033	VP15CD2		Construct	Collector-Distributor Rd Westbound (parallels Dulles Toll Rd.)	Route 7 Leesburg Pike	Spring Hill Rd.			0	+2	2035 2040
466	CE3151	1032	VP15CDE2		Construct	Collector-Distributor Rd Eastbound (parallels Dulles Toll Rd.)	Spring Hill Rd.	Route 7 Leesburg Pike			0	+2	2035 2040
<b>Urban</b>													
467	CE2139	313	VU28B	100518	Construct	Battlefield Parkway	US 15 south of Leesburg	Dulles Greenway	0	2	0	4	2020 completed
468	CE3222	52	VU30F	50100-5100	Widen/Reconstruct	East Elden Street	Monroe Street	Fairfax County Parkway	3	2	4	6	2026 2029
469	CE1783	328	VU52	77378	Widen	Eisenhower Avenue	Mill Road	Holland Lane	3	3	4	6	2023 completed
470	CE3851	34662			Construct Study	Euclid Avenue	current terminus	Centreville Rd.			0	2	2040 not coded
471	CE3286	681	VU56		Construct	Farrington Avenue	Van Dorn Street at Eisenhower Avenue	Edsall Road	0	4	0	2	2034
472	CE3858				Construct	South Street (Fairfax City)	University Dr.	Chain Bridge Rd.	0	4	0	2	2029
473	CE1952-T6537	267-25140	VU10B		Widen/Reconstruct	Spring Street	Herndon Parkway (East)/Spring Street	Fairfax County Parkway Interchange	3	2	4	6	2024
474	CE2073-T6203	232	VU33	102895	Widen	Sycolin Road	VA7/US 15 Bypass	SCL of Leesburg	4	4	2	4	2027 2021 completed
<b>Secondary</b>													
<b>Arlington County</b>													
475	CE2830	411	AR17a		Widen	Washington Boulevard	Wilson	Kirkwood	3	3	3	4	2022 completed
476	CE3677	987	AR30		Convert to 2-way	27th Street South	US-1	Crystal Drive	4	4	4	4	2019 completed
477	CE3678	988	AR31		Demolish	South Clark Street	12th Street South	20th Street South	4	0	2	0	2019 completed
478	CE3826	29341			Convert to 2-way	North Fort Myer Dr.	North Nash St.	North Fairfax Drive					2031
479	CE3847	31420			Reduce Capacity	Potomac Ave	South Glebe Road	Arlington /Alexandria Line	4	4	4	3	2028
<b>Fairfax County</b>													

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480	CE1849	336	FFX2a		Widen	VA 602 Reston Pkwy.	VA 5320 Sunrise Valley Dr. South Lakes Dr.	VA 5320 Sunrise Valley Dr. - Dulles Toll Rd.	3	3	4	6	2040 2045
481	CE1849		FFX2ab		Widen	VA 602 Reston Pkwy.	VA 5320 Sunrise Valley Dr. - Dulles Toll Rd.	Sunset Hills Road	3	3	4	6	2000 completed
482	CE1849	4041	FFX2b		Widen	VA 602 Reston Pkwy.	New Dominion Parkway	VA 606 Baron Cameron Avenue	3	3	4	6	2040
483	CE3475	732	VSF44		Widen	VA 608 Frying Pan Road	VA 28 Sulley Road	VA 657 Centreville Road	3	3	2	4	2030 2045
484	CE2186	218	VSF4ca	218	Widen	VA 611 Telegraph Road	Leaf Road North	VA 635 Hayfield Road	3	3	2	4	2040 2045
485	CE2186	298	VSF4i	298	Widen	VA 611 Telegraph Road	VA 635 Hayfield Road	VA 613 (Van Dorn St.) Kings Highway	3	3	2	4	2040 2045
486	CE2186	62	VSF4h	11012	Widen	VA 611 Telegraph Road	VA 613 S. Van Dorn	VA 644 Franconia Road	3	3	2	3	2040 2045
487	CE3275	63	VSF15b		Construct	VA 613 Van Dorn Interchange	VA 644 Franconia Road		0	0	0	0	2035
488	CE2158	301	VSF8g		Widen	VA 620 Braddock Road	VA 286 Fairfax County Parkway	VA 123 Ox Road	3	3	4	6	2040 2045
489	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
490	CE3478	736	VSF45		Widen	VA 636 Hoopes Road	VA 286 Fairfax County Parkway	VA 600 Silverbrook Road	3	3	2	4	2025 2035
491	CE1936 T6247	302	VSF10a		Widen	VA 638 Rolling Road	Viola St.	VA 644 Old Keene Mill Road	3	3	2	4	2026
492	CE3301	586 31368	VSF10E	102905	Widen	VA 638 Rolling Road	Rt 5297 DeLong Drive	Virginia Dr.	3	3	2	4	2035 2045
493	CE1859	217	FFX11a		Widen	VA 645 Stringfellow Road	US 50	VA 286 Fairfax County Parkway	3	3	2	4	2040
494	CE3156	64	VSF37a		Widen	VA 650 Gallows Road	VA 7 Leesburg Pike	VA 699 Prosperity Ave.	2	2	4	6	2038
495	CE2833	65	VSF33a Study		Widen	VA 651 Guinea Road	VA 6197 Roberts Parkway	VA 4807 Pommeroy Drive	3	3	2	4	2040 not coded
496	CE1748	255	FFX12a		Construct	VA 651 New Guinea Road	VA 123 Ox Road	Roberts Road	0	3	0	4	2040
497	CE3442	688	VSF17b		Construct	VA 655 Shirley Gate Road	VA 286 Fairfax County Parkway	VA 620 Braddock Road	0	3	0	4	2030 2028
498	CE1939	346	VSF18C	74749	Widen	VA 657 Centreville Road	VA 8390 Metrotech Dr.	VA 668 McLearn Road	3	3	4-2	6 4	2040 2009 completed

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499	CE3150	66	VSF42		Construct	Boone Boulevard Extension	VA 123 Chain Bridge Road	Ashgrove Lane			0	4	2036 2045
500	CE3832	29880	VSF46	724	Construct	Fairbrook Drive	Herndon Parkway	Spring Street	0	4	0	4	2035
501	CE3460	724	VSF46	724	Construct	VA 2677 Frontier Drive	Franconia-Springfield Transportation Center	VA 789 Loisdale Road	0	4	0	4	2030 2032
502	CE3155	69	NRS		Construct	Greensboro Drive WB	Spring Hill Road	Tyco Road	0	4	0	2	2034
503	CE3158	68	VSF43		Widen	Magarity Road	VA 7 Leesburg Pike	VA 694 Great Falls Street			2	4	2037
504	CE3609-T6665	882	VSF48		Construct	Davis Dr. Bridge Rock Hill Road Overpass	VA 5320 (Sunrise Valley Dr.)	VA 209 (Innovation Avenue)	0	4	0	4	2030 2032
505	CE3792				Construct	Seven Corners Ring Road	US 50 west of VA 7	VA 7 East of US 50	0		0	4	2045
506	CE3450 T6583	722	VSF49	112479	Construct	Soapstone Drive 4-Lane Overpass	Sunrise Valley Drive	Sunset Hills Road	0	4	0	4	2027 2034
507	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
508	CE3060	442	VSF41	103907	Construct/Widen	VA 8102 Scotts Crossing Rd	VA 123 Dolly Madison Blvd	Jones Branch Dr			0/2	4	2018 completed
<b>Loudoun County</b>													
509		330	VSL1B	97529, 105064	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 completed
510	CE3845				Widen	VA 606 Sterling Rd. Old Ox Road	Shaw Rd.	Rock Hill Road	3	3	4	6	2045
511		566	VSL10E		Widen	VA 607 Loudoun County Parkway	US 50	VA 606 at new Arcola Blvd.	3	3	4	6	2030
512		275	VSL10bb		Widen/Upgrade	VA 607 Loudoun County Parkway	W&OD Trail	Redskin Park Drive	4	3	4	6	2025
513	CE3736-CE3315	2493	VSL10F		Widen	VA 607 Loudoun County Parkway	Shellhorn Road	Ryan Road	3	3	4	6	2022 2023 completed
514	CE3604	890	VSL2C		Widen	VA 620 Braddock Rd	VA 659	Fairfax County Line	3	3	2	4	2025 2030

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# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 4/24/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
515	CE3605	889	VSL2D		Widen	VA 620 Braddock Rd	VA 659	Royal Hunter Drive	4	4	2	4	2025
516	CE3312	580	VSL62A		Widen/Construct	Arcola Mills Dr. (formerly VA 621 Evergreen Mills Road) (Western Segment)	VA 842 Arcola Boulevard Stone Springs Blvd.	VA 659 Belmont Ridge Road Loudoun County Parkway	4	4	2	4	2025 2050
517	CE2209 T6346	335	VSL45		Study Widen	VA 643 Sycolin Road	Leesburg Town Limits Loudoun Center Place	Crosstrails Boulevard	3	3	2	4	not coded 2030
518	CE3502	827	VSL65		Construct	VA 643 Shellhorn Extended	VA 606 Loudoun County Parkway	VA 634 Moran Road	0	4	0	4	2023 2027
519	<del>CE3499-T6659</del>	825	VSL64		Construct	VA 645 Westwind Drive Extended	VA 607 Loudoun County Parkway	VA 606 Old Ox Rd.	0	4	0	4	2026
520	<del>CE3734-CE3607</del>	883	VSL66		Widen	Croscon Ln	Claiborne Parkway	Mooreview Pkwy	4	4	2	4	2025 2027
521	CE1897	72	VSL4ac	76244 & 99481	Widen	VA 659 Belmont Ridge Road	VA 7 Leesburg Pike	VA 267 Dulles Greenway	4	3	2	4	2018 completed
522	CE1897	746	VSL4AD		Widen/Upgrade	VA 659 Belmont Ridge Road	VA 645 Croscon Lane Truro Parish Dr.	VA 267 Dulles Greenway	4	3	2	4	2017 completed
523	CE1897		VSL4AE		Widen/Upgrade	VA 659 Belmont Ridge Road	VA 645 Croscon Lane	VA 645 Croscon Lane Truro Parish Dr.	4	3	2	4	2023 2024
524	CE1897	2523	VSL4G		Widen	VA 659 Belmont Ridge Road	Arcola Mills Drive	Shreveport Drive			2	4	2028 2020 completed
525	CE1818	297	VSL4f		Widen	VA 659 Gum Spring Rd.	Prince William County Line	VA 620 Braddock Road	4	4	2	4	2035 2022 completed
526	<del>CE3306-CE3307-CE3308</del>	<del>573 574-575</del>	VSL61		Construct	VA 842 Arcola Boulevard (Southern Segment)	US 50	VA 607 Loudoun County Parkway Arcola Mills Dr.	0	4	0	4	2022 2024
527	CE3067	76	VSL40F	102858	Construct	VA 901 Claiborne Parkway	VA 645 Croscon Lane	VA 772 Ryan Road	0	4	0	4	2019 completed
528	CE3309	576	VSL63		Construct	VA 774 Creighton Road (completion of eastern end)	Northstar Boulevard	VA 621 Evergreen Mills Road	0	4	0	4	2020 completed
529	CE3735	2491	VSL56A		Construct	Crosstrail Boulevard	VA 625 Sycolin Road	Dulles Greenway	0	4	4	4	2026 2028

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# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 4/24/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
530	CE3313 & CE3314	564 & 565	VSL67A		Construct	Dulles West Blvd. Phase I & Phase II	Loudoun County Parkway	Arcola Blvd	0	4	0	4	2022 Complete
531	CE2582-T6602	4034-1013	VSL67B		Construct	Dulles West Blvd. Phase III	Arcola Blvd	Northstar Dr.	0	4	0	4	2025 2027
532	CE3320	30947			Construct	Lockridge Road West	Prentice Dr.	Waxpool Road	0	4	0	4	2030
533	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 completed
534	CE3318-T6634	570	VP12R	106994	Construct	VA 3171 Northstar Boulevard (Missing Link #79)	Evergreen Mills Rd (formerly Shreveport Drive)	US 50	0	3	0	4	2022 2025
535	CE3737-T12002	2495	VP12S		Construct	Northstar Boulevard	Tall Cedars Parkway	Braddock Road	0	3	0	4	2028
536	CE3320	572	VSL59		Construct	Prentice Drive (Western Segment)	VA 607 Loudoun County Parkway	Loudoun Station Drive	0	4	0	4	2026 2030
537	CE3321	556	VSL59-VSL59A		Construct	Prentice Drive (Eastern Segment)	VA 789 Lockridge Road	VA 607 Loudoun County Parkway	0	4	0	4	2026 2031
538	CE3501-T6662	826	VSL48B		Construct	Riverside Parkway	VA 607 Loudoun County Parkway	Ashburn Village Boulevard Extension	0	4	0	4	2022 completed
539	CE3324	559	VSL49B		Construct	Russell Branch Parkway (Western Segment)	VA 659 Belmont Ridge Road	Tournament Parkway	0	4	0	4	2024 2050
540	CE3329	562	VSL60	105783	Construct	Williamson Blvd Sterling Blvd	VA 1036 Pacific Boulevard	VA 634 Moran Road	0	4	0	4	2025
541	CE3332	555		87106	Widen	VA 2119 Waxpool Road	VA 2070 Demott Road	VA 2020 Ashburn Village Boulevard	4	4	2	4	2018 completed
<b>Prince William County</b>													
542	CE3187	82	VSP2i	92999	Widen	VA 619 Fuller Road	US 1	VA 619 Fuller Heights Road Relocated			2	4	2025
543	CE3693	996	VSP3D		Widen	VA 621 Devlin Road	Linton Hall Road	Wellington Road			2	4	2028
544	CE2357-T6623	79	VSP3b	80347	Widen/Upgrade	VA 621 Balls Ford Road	Sudley Rd	Doane Drive	4	3	2	4	2022 2023 completed

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# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 4/24/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
545	CE2357-T6623	690	VSP64			VA 621 Balls Ford Road Relocated	Doane Drive	Devlin Road	0	3	0	4	2022 2023 completed
546	CE3372	591	VSP66		Construct	VA 627 Van Buren Road	VA 234 Dumfries Road	VA 610 Cardinal Drive	0	4	0	4	2040
547	CE3374-T6541	593	VSP65	107947	Widen	VA 638 Neabsco Mills Road	US 1 Jefferson Davis Highway	Smoke Ct.	3	3	2	4	2023
548		376	VSP5e	103484	Widen	VA 640 Minnieville Road	VA 643 Spriggs Road	VA 234 Dumfries Road	3	3	2	4	2018 completed
549	CE3695	998	VSP17C		Widen	VA 674 Wellington Road	University Boulevard	VA 621 Devlin Road/Balls Ford Road	3	3	2	4	2028
550	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 2045
551	CE2145	338 589	VSP17b		Widen	VA 674 Wellington Road	VA 234 Bypass Prince William Parkway	VA 668 Rixlew Lane	3	3	2	4	2035 2045
552	CE1754	308	VSP18	VSP18	Widen	VA 676 Catharpin Rd.	VA 55 John Marshall Highway	Heathcote Blvd.	3	3	2	4	2020 2040
553	T13568	35060			Construct	Connor Dr.	Euclid Ave.	Manassas Drive / Railroad Drive	0	4	4	2	2030
554	CE3754	3520			Study	HOV lanes on Dale Blvd/PW Pkwy/Minnieville Rd	Dale Blvd / PW Pkwy / Minnieville Rd						not coded
555	CE3789	32563			Reduce Capacity - bike lanes	Graham Park Road	Old Triangle Road	Purvis Dr.	4	4	4	2	2030
556	CE2876	4123	VU14B		Widen	Liberia Avenue	VA 28	Richmond Avenue			4	6	2025-2027
557	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
558	CE3308	32540			Widen	VA 704 Pageland Road	VA 234 Sudley Road	US 29			2	4	2045
559	CE2008	325	VSP20C		Widen/Upgrade	VA 1392 Rippon Boulevard Extension	West of Wigeon Way	Rippon VRE Station	4	3	2	4	2030
560	CE3293	642	VSP62a		Construct	Rollins Ford Road	Wellington Road	Linton Hall Road	0	3	0	4	2040
561	CE1921	643	VSP67	104802	Construct	VA 2190 Summit School Road Extension	Telegraph Road	VA 2190 Summit School Road (south end of existing)	4	4	2	4	2025 2027
562	CE1837-CE1921	257	VSP25c		Widen	VA 1781 Telegraph Rd.	VA 294 (Prince William Pkwy)	Horner Road Park n Ride Lot Access-Caton Hall Rd.	4	4	2	4	2025 2027
563	T11635	83	VSP47e		Construct Widen	University Boulevard	Sudley Manor Drive	Wellington Rd/Progress Ct. Edmonston Dr.	0	3	2	4	2035 2024
564	CE3292	83	VSP47ea		Construct Widen	University Boulevard	Sudley Manor Drive Edmonston Dr.	Wellington Rd/Progress Ct. Devlin Road	0	3	0 2	4	2035

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# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 4/24/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
565	CE3810	37168	VSP47f		Construct	University Boulevard	Devlin Road	Wellington Road	0	3	0	4	2035
566	CE2176	904			Construct	Williamson Blvd	Sudley Manor Drive	Portsmouth Road			0	4	2030
<b>FAMPO</b>													
567			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 completed
568			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 completed
569			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 completed
570			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 completed
572					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 completed
573					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 completed
574					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 completed
575			VI2RFD		Construct	I 95 : HOV / Bus / HOT Lanes: Ramp	At Courthouse Rd.	NB AM on-ramp	1	1	0	1	2022 completed
576			VI2RFE		Construct	I 95 : HOV / Bus / HOT Lanes: Ramp	at Courthouse Rd.	SB PM off-ramp	1	1	0	1	2022 completed
577			FAI1F		Widen	I-95 northbound and southbound	Exit 126 (US 1/VA17)	Exit 130 (VA 3 Plank Rd.)	1	1	3	4	2035
578			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
579			FAI1H		Widen	I-95 northbound	Exit 133 (VA 17 Warrenton Rd.)	Exit 136 (Centerport Parkway)	4	4	3	4	2045
580			FAI1HA		Construct	I-95 4th auxiliary lane	Exit 133 (VA 17 Warrenton Rd.)	Exit 136 (Centerport Parkway)	1	1	X	X+1	2045
581			FAI1J		Widen	I-95 southbound	Exit 130	Exit 126 (US 1/VA17)	1	1	3	4	2035
582			FAI1K		Construct	I-95 southbound	1.3 miles south of Exit 130	.3 miles north of Truslow Rd	1	1	x	x+3cd	2025
583			FAS22A		Widen	VA-3 (William St)	Gateway Blvd.	William St./Blue Gray Parkway			4	6	2030
584			FAS22		Widen	VA 3 (Spotsylvania)	Chewing Lane	VA 627 (Gordon Rd.)	2	2	4	6	2013 completed
585			FAP6E		Widen	Tidewater Trail 17 Business/VA 2	US -Beulah Salisburty-Dr. Mayfield Ave.	US 17 Bypass (Mills Dr.)	2	2	2	4	2035
587			FAP6C		Widen	US 17 (Warrenton Rd.)	McLane Drive	Stafford Lakes Parkway	2	2	4	6	2020 completed
587			FAP6		Widen	US 17	US 1	Hospital Blvd.	2	2		4	2025
588			FAP7A		Widen	VA 218 (Butler Rd.)	Carter St.	Castle Rock Dr.	4	4	2	4	2045
588			FAS27		Widen	VA 638 (Landsdowne Rd.)	Shannon Dr.	Tidewater Trail	3	3	2	4	2050
<b>Fredericksburg</b>													
589			FAU4		Construct	Carl D. Silver Pkwy Ext.	current terminus	Gordon Rd. west of Shelton Blvd.			0	4	2035
590			FAU1			Fall Hill Ave./ Mary Washington Blvd. Extension	Mary Wash. Blvd.	Gordon Shelton Blvd.			2	4	2020 completed
591			FAU3			Lafayette Blvd.	City Limit US 1	VA-3 (Blue & Gray Parkway)				4	2045
592			FAU2			Gateway Blvd. Extended	William St. (PR-3)	Fall Hill Ave (UR-3965)			0	4	2035 2038
<b>Stafford County Secondary</b>													

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# VISUALIZE 2050 AIR QUALITY CONFORMITY NETWORK INPUTS (highway)

**DRAFT 4/24/2024**

	PIT Project ID	Con ID	Project ID	Agency ID	Improvement	Facility	From	To	Fr	To	Lanes From	Lanes To	Completion Date
594			FAS5b			VA 630 (Courthouse Rd)	Austin Ridge Dr.	VA 648 (Shelton Shop Rd)	4	4	2	4	2035
595			FAS13			VA 648 (Shelton Shop Rd.)	VA 610 (Garrisonville Rd)	VA 627 (Mountainview Rd)	4	4	2	4	2035
596			FAS3E		Widen	Garrisonville Rd.	Eustace Rd.	Shelton Shop Rd.			4	6	2045
<b>Spotsylvania County Secondary</b>													
597			FAS26A			VA 606	US 1	I-95				4	2025
598			FAS18B			VA-620 (Harrison Rd.)	US-1 BUS (Lafayette Blvd.)	VA-639 (Salem Church Rd.)			2	4	2035
599			FAS19			VA 636 (Mine Rd./ Hood Dr.)	VA 208 (Courthouse Rd.)	US 1	4	4	2	4	2025
600			FAS19B			VA 636 (Mine Rd./ Hood Dr.)	Falcon Dr. / Spotsylvania Ave VA Healthcare Center Hood Dr. Entrance	Landsdowne Rd	4	4		4	2035
600			FAS28		Widen	VA 674 (Chancellor Rd. Ext.)	Old Plank Rd./ Chancellor Rd.	VA 3			2	4	2050

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April 3, 2024

## **AIR QUALITY CONFORMITY ANALYSIS: VISUALIZE 2050 & FY 2026-2029 TIP**

### **DRAFT SCOPE OF WORK**

#### **I. INTRODUCTION**

The list of projects solicited for the Visualize 2050 National Capital Region Transportation Plan and the FY 2026-2029 Transportation Improvement Program (TIP) is scheduled to be finalized at the May 15, 2024 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. 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:

<b>CONFORMITY CRITERIA &amp; PROCEDURES</b>	
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 EPA-approved mobile emissions budgets in the 2008 Ozone NAAQS Maintenance Plan. 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.

### III. POLICY AND TECHNICAL APPROACH

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

<b>Pollutants</b>	Ozone Season VOC and NOx
<b>Emissions Model</b>	MOVES4
<b>Conformity Test</b>	<u>Budget Test</u> : Using EPA approved mobile emissions budgets from the 2008 Ozone NAAQS Maintenance Plan
<b>Vehicle Fleet Data</b>	December 2023 vehicle registration data
<b>Geography</b>	8-hour ozone non-attainment area
<b>Network Inputs</b>	Regionally significant projects
<b>Land Activity</b>	Cooperative Forecasts Round 10
<b>HOV/HOT</b>	<u>VA</u> : I-66, I-95, I-395, and I-495 are all HOT3+; all HOV facilities will be HOV2+ through 2050 <u>MD</u> : HOV facility on US 50 will remain HOV2+ through 2050; HOV facility on I-270 will convert from HOV2+ to HOT3+ when additional lanes are added;
<b>Roadway Restrictions</b>	Roadway restrictions, such as truck prohibitions, are reflected in the travel model network using information supplied by the Departments of Transportation
<b>Transit Constraint</b>	<del>No Metrorail “capacity constraint” (removed with March 2018 passage of annual funding for WMATA agreement)</del>
<b>Analysis Years</b>	2025, 2026, 2030, 2040, 2045, and 2050
<b>Modeled Area</b>	6,800 square mile area with 3,722 Transportation Analysis Zones (TAZs)
<b>Travel Demand Model</b>	Gen2/Version 2.4 or latest

### 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. WORK TASKS

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 2023
  - Fares current to May 2024
3. Determine Characteristics of the Motor Vehicle Fleet by Preparing 2023 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 10 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:
  - 2025, 2026, 2030, 2040, 2045, and 2050 highway networks
  - 2025, 2026, 2030, 2040, 2045, and 2050 transit network input files

- Update highway tolls and transit fares as necessary
6. Execute travel demand modeling for years 2025, 2026, 2030, 2040, 2045, and 2050
  7. Derive mobile emissions estimates for years 2025, 2026, 2030, 2040, 2045, and 2050 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

# SCHEDULE:

Timeframe	Activity
January – February 2024	<ul style="list-style-type: none"> <li>• Preliminary inputs due December 29 for the LRTP and Air Quality Conformity (AQC) analysis for staff review and coordination.</li> <li>• Staff will review and compile the conformity table showing changes. Staff to send draft table with changes to agencies for review on February 1. Agencies to provide corrections by February 15.</li> <li>• TPB member agencies submit technical corrections to preliminary inputs and updates based on TPB/interagency consultation to produce final inputs for comment period.</li> <li>• Final project inputs for Visualize 2050 and AQC analysis due to TPB staff for inclusion in comment period documentation on February 15.</li> <li>• TPB staff will reconcile draft financial analysis results and produce preliminary financial plan to reflect project submissions.</li> </ul>
March 2024	<ul style="list-style-type: none"> <li>• March 1 - The TPB Technical Committee will review the draft financial plan; projects proposed for inclusion in the conformity analysis, and the draft AQC scope of work. Public comment period starts March 1 on projects and AQC scope of work.</li> <li>• The TPB will receive a briefing on the draft inputs to the plan/AQC analysis and the draft AQC scope of work and the draft financial plan.</li> <li>• Public comment period runs March 1 through March 30 on inputs to the plan/AQC analysis and AQC scope of work. MWAQC TAC will review this information during its March meeting.</li> </ul>
April 2024	<ul style="list-style-type: none"> <li>• The TPB will receive a summary of the public comments on the draft inputs to the plan and AQC analysis; agencies sponsoring the projects will have the opportunity to discuss and advise staff on responses.</li> <li>• The TPB will review responses to comments and updates to inputs to the plan and scope of work for the AQC analysis.</li> </ul>
Early 2024	<ul style="list-style-type: none"> <li>• EPA anticipated to find new Motor Vehicle Emissions Budgets (MVEBs) in the updated 2008 ozone maintenance plan adequate for use in air quality conformity analyses.</li> </ul>
May 2024	<ul style="list-style-type: none"> <li>• The TPB will be asked to accept the comments and approve the inputs and scope, authorizing staff to begin analysis.</li> <li>• Continue financial analysis: (May 2024-March 2025) final revisions, report production</li> </ul>
May 2024	<ul style="list-style-type: none"> <li>• TPB staff commence Air Quality Conformity technical analysis after TPB approval</li> </ul>
Winter 2024	<ul style="list-style-type: none"> <li>• Transportation Improvement Program (TIP) inputs due for the FY 2026-2029 TIP January 26, 2025.</li> <li>• TPB staff complete financial plan: final revisions, report production.</li> </ul>

		<ul style="list-style-type: none"> <li>• TPB staff complete Air Quality Conformity technical analysis and draft report.</li> <li>• TPB staff draft performance analysis for the plan and TIP.</li> </ul>
	April 2025	<ul style="list-style-type: none"> <li>• Public comment period on the plan, TIP and the results of AQC analysis for the updated plan and FY 2026-2029 TIP from April 1 – April 30</li> <li>• The TPB Technical Committee and MWAQC and MWAQC TAC will review the draft results of AQC analysis for the updated plan and FY 2026-2029 TIP during their meetings.</li> <li>• The TPB will receive a briefing on the draft results of the AQC analysis for the plan and TIP.</li> </ul>
	May 2025	<ul style="list-style-type: none"> <li>• The TPB will receive a summary of the comments received on the analysis, plan and TIP; the agencies sponsoring the projects will have the opportunity to advise staff on responses to comments.</li> </ul>
	June 2025	<ul style="list-style-type: none"> <li>• The TPB will be asked to approve the results of the AQC analysis and adopt the updated plan and the FY 2026-2029 TIP.</li> </ul>

**Summary of Employment Forecasts**  
**Final Round 10.0 Cooperative Forecasts**  
**(Thousands)**

**FINAL**  
**COG Board of**  
**Directors**  
**June 14, 2023**

JURISDICTION	2020	2025	2030	2035	2040	2045	2050	2020 to 2050 Growth	
								Number	% Change
District of Columbia	785.9	846.1	886.3	923.5	954.4	989.0	1,021.6	235.7	30.0%
Arlington County	221.6	223.2	236.7	259.2	266.4	275.3	283.7	62.1	28.0%
City of Alexandria	101.8	101.0	99.3	106.6	112.8	116.8	123.2	21.4	21.1%
<b>Central Jurisdictions</b>	<b>1,109.3</b>	<b>1,170.2</b>	<b>1,222.2</b>	<b>1,289.3</b>	<b>1,333.5</b>	<b>1,381.2</b>	<b>1,428.5</b>	<b>319.2</b>	<b>28.8%</b>
Montgomery County	493.6	522.9	545.6	568.3	591.0	613.8	636.5	142.9	29.0%
City of Rockville (1)	76.4	78.7	81.1	83.8	87.8	91.1	94.5	18.0	23.6%
City of Gaithersburg (1)	43.0	48.0	52.0	54.5	56.5	58.0	59.0	16.0	37.2%
Prince George's County	343.5	356.7	366.8	381.9	396.7	416.0	435.0	91.5	26.6%
Fairfax County (2)	658.8	690.5	750.8	788.8	812.5	832.0	842.0	183.2	27.8%
City of Fairfax	20.5	22.0	22.3	22.6	22.9	23.2	23.5	3.0	14.6%
City of Falls Church	12.4	13.1	15.4	16.5	17.4	18.3	19.4	7.1	57.0%
<b>Inner Suburbs</b>	<b>1,528.7</b>	<b>1,605.2</b>	<b>1,700.9</b>	<b>1,778.1</b>	<b>1,840.6</b>	<b>1,903.2</b>	<b>1,956.4</b>	<b>427.7</b>	<b>28.0%</b>
Loudoun County	187.7	210.3	227.0	240.8	251.5	258.7	265.8	78.2	41.7%
Prince William County	161.8	178.6	194.4	209.7	223.4	235.6	246.4	84.7	52.3%
City of Manassas	25.3	26.1	26.9	27.7	28.3	28.8	29.3	3.9	15.5%
City of Manassas Park	4.3	4.7	5.0	5.1	5.2	5.3	5.4	1.1	25.5%
Charles County	43.9	46.1	49.8	54.0	57.4	60.0	62.2	18.3	41.8%
Frederick County	108.3	115.6	123.8	132.5	141.8	151.8	162.5	54.2	50.1%
City of Frederick (3)	57.4	60.1	64.4	67.6	69.5	74.4	79.6	22.2	38.7%
<b>Outer Suburbs</b>	<b>531.3</b>	<b>581.4</b>	<b>626.8</b>	<b>669.9</b>	<b>707.7</b>	<b>740.2</b>	<b>771.7</b>	<b>240.5</b>	<b>45.3%</b>
<b>Virginia Jurisdictions</b>	<b>1,394.2</b>	<b>1,469.5</b>	<b>1,577.7</b>	<b>1,677.0</b>	<b>1,740.4</b>	<b>1,794.0</b>	<b>1,838.9</b>	<b>444.7</b>	<b>31.9%</b>
<b>Maryland Jurisdictions</b>	<b>989.2</b>	<b>1,041.3</b>	<b>1,086.0</b>	<b>1,136.8</b>	<b>1,187.0</b>	<b>1,241.6</b>	<b>1,296.2</b>	<b>307.0</b>	<b>31.0%</b>
<b>COG Region</b>	<b>3,169.2</b>	<b>3,356.9</b>	<b>3,549.9</b>	<b>3,737.3</b>	<b>3,881.7</b>	<b>4,024.6</b>	<b>4,156.6</b>	<b>987.4</b>	<b>31.2%</b>

(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.

**Summary of Population Forecasts**  
**Final Round 10.0 Cooperative Forecasts**  
**(Thousands)**

**FINAL**  
**COG Board of**  
**Directors**  
**June 14, 2023**

JURISDICTION	2020	2025	2030	2035	2040	2045	2050	2020 to 2050 Growth	
								Number	% Change
District of Columbia	689.5	697.7	728.6	757.2	787.1	816.4	844.4	154.9	22.5%
Arlington County	238.6	245.8	260.2	272.9	285.2	298.0	311.2	72.6	30.4%
City of Alexandria	159.5	180.5	202.0	222.2	239.8	252.9	261.9	102.4	64.2%
<b>Central Jurisdictions</b>	<b>1,087.7</b>	<b>1,124.0</b>	<b>1,190.8</b>	<b>1,252.3</b>	<b>1,312.2</b>	<b>1,367.3</b>	<b>1,417.5</b>	<b>329.8</b>	<b>30.3%</b>
Montgomery County	1,061.2	1,083.0	1,118.0	1,153.9	1,189.6	1,222.2	1,250.7	189.4	17.8%
City of Rockville (1)	67.8	70.9	74.6	78.7	82.9	87.5	92.7	24.9	36.8%
City of Gaithersburg (1)	69.7	72.5	75.7	78.5	81.2	83.7	85.8	16.1	23.2%
Prince George's County	967.2	997.8	1,033.0	1,081.7	1,122.7	1,159.6	1,193.8	226.5	23.4%
Fairfax County	1,171.9	1,202.4	1,247.5	1,283.7	1,319.0	1,353.6	1,384.0	212.1	18.1%
City of Fairfax	24.1	27.8	32.7	34.4	36.1	37.8	39.6	15.4	63.8%
City of Falls Church	14.7	15.5	18.0	19.6	20.7	21.8	23.3	8.6	58.8%
<b>Inner Suburbs</b>	<b>3,239.1</b>	<b>3,326.5</b>	<b>3,449.1</b>	<b>3,573.3</b>	<b>3,688.1</b>	<b>3,795.0</b>	<b>3,891.2</b>	<b>652.1</b>	<b>20.1%</b>
Loudoun County	421.0	456.2	493.9	515.5	529.6	539.2	548.5	127.6	30.3%
Prince William County	483.8	515.2	536.6	553.0	565.0	573.7	579.6	95.7	19.8%
City of Manassas	42.8	43.7	46.3	47.6	48.5	49.5	50.4	7.7	17.9%
City of Manassas Park	17.2	19.0	20.4	20.9	21.4	21.9	22.4	5.2	30.3%
Charles County	168.0	176.3	193.6	203.8	216.5	230.4	242.7	74.6	44.4%
Frederick County	271.7	293.2	316.3	341.3	368.3	397.4	428.8	157.1	57.8%
City of Frederick (2)	78.2	83.8	89.5	95.1	100.8	106.4	112.0	33.9	43.3%
<b>Outer Suburbs</b>	<b>1,404.5</b>	<b>1,503.7</b>	<b>1,607.3</b>	<b>1,682.2</b>	<b>1,749.5</b>	<b>1,812.2</b>	<b>1,872.4</b>	<b>467.9</b>	<b>33.3%</b>
<b>Virginia Jurisdictions</b>	<b>2,573.5</b>	<b>2,706.2</b>	<b>2,857.6</b>	<b>2,969.8</b>	<b>3,065.4</b>	<b>3,148.4</b>	<b>3,220.8</b>	<b>647.3</b>	<b>25.2%</b>
<b>Maryland Jurisdictions</b>	<b>2,468.2</b>	<b>2,550.3</b>	<b>2,661.0</b>	<b>2,780.8</b>	<b>2,897.2</b>	<b>3,009.6</b>	<b>3,115.9</b>	<b>647.7</b>	<b>26.2%</b>
<b>COG Region</b>	<b>5,731.3</b>	<b>5,954.2</b>	<b>6,247.2</b>	<b>6,507.8</b>	<b>6,749.7</b>	<b>6,974.5</b>	<b>7,181.1</b>	<b>1,449.8</b>	<b>25.3%</b>

(1) Included in Montgomery County total.

(2) Included in Frederick County total.

**Summary of Household Forecasts**  
**Final Round 10.0 Cooperative Forecasts**  
**(Thousands)**

**FINAL**  
**COG Board of**  
**Directors**  
**June 14, 2023**

JURISDICTION	2020	2025	2030	2035	2040	2045	2050	2020 to 2050 Growth	
								Number	% Change
District of Columbia	312.4	344.2	366.8	386.6	407.6	426.0	441.4	129.0	41.3%
Arlington County	109.9	118.2	126.2	133.3	140.0	146.9	153.6	43.7	39.8%
City of Alexandria	75.6	85.7	96.4	106.7	115.4	122.0	126.0	50.5	66.8%
<b>Central Jurisdictions</b>	<b>497.9</b>	<b>548.1</b>	<b>589.4</b>	<b>626.6</b>	<b>663.1</b>	<b>695.0</b>	<b>721.1</b>	<b>223.2</b>	<b>44.8%</b>
Montgomery County	386.6	398.4	416.5	434.1	450.0	463.2	474.3	87.7	22.7%
City of Rockville (1)	28.2	29.9	31.7	33.7	35.8	38.1	40.6	12.4	43.8%
City of Gaithersburg (1)	25.9	27.2	28.9	30.3	31.7	33.0	34.2	8.3	32.0%
Prince George's County	342.2	353.7	367.4	385.9	400.5	413.7	425.9	83.7	24.5%
Fairfax County	417.5	431.5	451.2	467.1	482.4	497.5	510.8	93.3	22.4%
City of Fairfax	9.3	10.6	13.0	13.8	14.6	15.4	16.3	6.9	74.3%
City of Falls Church	5.8	7.3	8.7	9.6	10.3	11.1	12.1	6.3	108.5%
<b>Inner Suburb:</b>	<b>1,161.5</b>	<b>1,201.6</b>	<b>1,256.9</b>	<b>1,310.5</b>	<b>1,358.0</b>	<b>1,400.9</b>	<b>1,439.4</b>	<b>277.9</b>	<b>23.9%</b>
Loudoun County	137.4	148.9	161.7	169.5	174.7	178.2	181.7	44.3	32.2%
Prince William County	153.9	165.0	173.4	180.0	185.1	189.0	191.9	38.0	24.7%
City of Manassas	14.0	14.3	15.1	15.5	15.8	16.1	16.4	2.4	17.5%
City of Manassas Park	5.4	6.2	6.9	7.1	7.4	7.7	8.0	2.6	47.9%
Charles County	59.1	64.3	71.2	75.3	80.0	85.2	89.7	30.6	51.8%
Frederick County	98.4	106.2	114.5	123.5	133.2	144.3	155.7	57.3	58.3%
City of Frederick (2)	31.8	34.1	36.3	38.7	40.9	43.3	45.6	13.8	43.3%
<b>Outer Suburbs</b>	<b>468.1</b>	<b>504.9</b>	<b>542.7</b>	<b>571.0</b>	<b>596.2</b>	<b>620.4</b>	<b>643.3</b>	<b>175.2</b>	<b>37.4%</b>
<b>Virginia Jurisdictions</b>	<b>928.8</b>	<b>987.7</b>	<b>1,052.5</b>	<b>1,102.6</b>	<b>1,145.8</b>	<b>1,184.0</b>	<b>1,216.8</b>	<b>288.0</b>	<b>31.0%</b>
<b>Maryland Jurisdictions</b>	<b>886.3</b>	<b>922.6</b>	<b>969.7</b>	<b>1,018.8</b>	<b>1,063.7</b>	<b>1,106.3</b>	<b>1,145.6</b>	<b>259.3</b>	<b>29.3%</b>
<b>COG Region</b>	<b>2,127.5</b>	<b>2,254.5</b>	<b>2,389.0</b>	<b>2,508.1</b>	<b>2,617.2</b>	<b>2,716.3</b>	<b>2,803.8</b>	<b>676.3</b>	<b>31.8%</b>

(1) Included in Montgomery County total.

(2) Included in Frederick County total.