

FAMPO RESOLUTION 20-43

APPROVING THE 2045 LONG RANGE TRANSPORTATION PLAN (LRTP) AIR QUALITY CONFORMITY ANALYSIS REPORT

WHEREAS, FAMPO is responsible for ensuring that the federally required metropolitan transportation planning process is carried out in the Fredericksburg region; and

WHEREAS, the FAMPO planning area is included in an air quality maintenance area; and

WHEREAS, federal regulations (Section 93.108 of the federal conformity rule and CFR part 450) require that fiscally constrained projects identified in the LRTP, within a maintenance region, demonstrate conformity to all applicable air quality regulations; and

WHEREAS, the Virginia Department of Transportation (VDOT) has performed the air quality conformity analysis, demonstrating compliance of the FAMPO 2045 LRTP and FY2021-2024 Transportation Improvement Program; and

WHEREAS, the public was given an opportunity to comment on the Air Quality Conformity Report from May 20, 2020 to June 19, 2020, with a public hearing on June 15, 2020, and no adverse comments were received;

NOW, THEREFORE, BE IT RESOLVED that the Fredericksburg Area Metropolitan Planning Organization hereby endorses the Air Quality Conformity Analysis Report for the 2045 LRTP and FY 2021-2024 TIP and for submission to the Federal Highway Administration for approval.

Adopted by the Policy Committee at its meeting on June 22, 2020.

Matthew Kelly, Chairman
Fredericksburg Area Metropolitan Planning Organization
Policy Committee

Fredericksburg Area

*FAMPO Amended 2045
Long Range Transportation
Plan and FY 2021-2024
Transportation Improvement
Program*

DRAFT

May 2020

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Executive Summary

This report¹ documents that the Amended 2045 Long Range Transportation Plan (LRTP) and fiscal year (FY) 2021-2024 Transportation Improvement Program (TIP) developed by the Fredericksburg Area Metropolitan Planning Organization (FAMPO)² has met all applicable federal (40 CFR Parts 51 and 93), state and local requirements for transportation conformity. Accordingly, a finding of conformity for the LRTP is supported.

Clean Air Act (CAA) section 176(c) (42 U.S.C. 7506(c)) requires that federally funded or approved highway and transit activities be consistent with (“conform to”) the purpose of the State Implementation Plan (SIP). Conformity to the purpose of the SIP means that transportation activities will not cause or contribute to new air quality violations, worsen existing violations, or delay timely attainment of the relevant NAAQS or any interim milestones (42 U.S.C. 7506(c)(1)). EPA’s transportation conformity rules establish the criteria and procedures for determining whether metropolitan transportation plans, TIPs, and federally supported highway and transit projects conform to the SIP (40 CFR Parts 51.390 and 93).

Notwithstanding the revocation of the 1997 ozone national ambient air quality standard (NAAQS) by EPA effective April 6, 2015, the United States Court of Appeals for the District of Columbia Circuit in *South Coast Air Quality Mgmt. District v. EPA* (“South Coast II,” 882 F.3d 1138) held in its decision on February 16, 2018 that transportation conformity determinations must be made in all areas nation-wide that were either nonattainment or maintenance for the 1997 ozone NAAQS and attainment for the 2008 ozone NAAQS when the 1997 ozone NAAQS was revoked. The reinstated conformity requirements were subsequently made effective February 16, 2019³. The Fredericksburg region met both conditions: 1) it was in maintenance for the 1997 ozone NAAQS revocation at the time of its revocation by EPA, and 2) at that time had already been designated attainment (on May 21, 2012) for the 2008 ozone NAAQS. Therefore, per the South Coast II decision, and notwithstanding the revocation by EPA of the applicable NAAQS, conformity requirements for the 1997 ozone NAAQS again apply for Fredericksburg Maintenance Area. This conformity assessment was conducted following EPA guidance⁴ issued pursuant to the court decision.

¹ The format for this report is based on the FHWA 1/3/2019 Template Report.

² FAMPO is the designated metropolitan planning organization or MPO for the region. See: <https://www.fampo.gwregion.org>

³ See: FHWA, “*Updated: Interim Guidance on Conformity Requirements for the 1997 Ozone NAAQS*”, memorandum dated October 1, 2018. On p.2, the updated interim guidance states: “*After the Court issued its ruling in February 2018, EPA filed a petition for rehearing on various issues, both as to the merits of the Court’s ruling and the remedy imposed by the Court. On September 14, 2018, the Court denied EPA’s request for rehearing on the merits, but stayed its vacatur of the transportation conformity aspects of its ruling until February 16, 2019. In essence, the Court provided EPA with one year from the date of its original decision to implement its ruling, and that year expires on February 16, 2019.*”

⁴ “*Transportation Conformity Guidance for the South Coast II Court Decision*”, EPA-420-B-18-050, November 2018, available at: www.epa.gov/state-and-local-transportation/policy-and-technical-guidance-state-and-local-transportation.

1.0 Background

The Clean Air Act (CAA) Amendments of 1977 included a provision (Section 176(c)) to ensure that transportation investments “conform” to a State implementation plan (SIP) for meeting the Federal air quality standards. Conformity requirements were made substantially more rigorous in the CAA Amendments of 1990. The transportation conformity regulations that detail implementation of the CAA requirements were first issued in November 1993, and have been amended several times⁵. The regulations establish the criteria and procedures for transportation agencies to demonstrate that air pollutant emissions from metropolitan transportation plans (MTPs)⁶, TIPs and projects are consistent with (“conform to”) the State’s air quality goals in the SIP.

Transportation conformity establishes the framework for improving air quality to protect public health and the environment. Conformity to the purpose of the SIP means Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) funding and approvals are given to highway and transit activities that will not cause new air quality violations, worsen existing air quality violations, or delay timely attainment of the relevant air quality standard, or any interim milestone.

2.0 Fredericksburg Air Quality Planning Status

On December 23rd, 2006, the United State Environmental Protection Agency (EPA) approved via Federal Register notice a re-designation request and State Implementation Plan (SIP) revision (maintenance plan) pertaining to the 1997 eight-hour ozone standard (2006 SIP) that had been submitted by the Virginia Department of Environmental Quality (VDEQ)⁷. EPA also found adequate and approved motor vehicle emission budgets for ozone precursors (nitrogen oxides or NO_x, and volatile organic compounds, or VOC) as specified in the maintenance plan. Pursuant to the requirements of the federal conformity rule, the maintenance plan budgets were to be met in future regional conformity analyses for the Fredericksburg area. The designated maintenance area included the counties of Stafford and Spotsylvania and the City of Fredericksburg.

⁵ For the current version, see: <https://www.epa.gov/clean-air-act-overview/clean-air-act-title-i-air-pollution-prevention-and-control-parts-through-d#id>

⁶ The FAMPO Long-Range Transportation Plan (LRTP) serves as the metropolitan transportation plan (MTP) for the region. The terms are used inter-changeable in this report.

⁷ Federal Register, Volume 70, Number 246, Friday, December 23, 2006, 40 CFR Parts 52 and 81, Final Rule, pp. 76165-76167, “Approval and Promulgation of Air Quality Implementation Plans; Virginia; Redesignation of the City of Fredericksburg, Spotsylvania County, and Stafford County Ozone Nonattainment Area to Attainment and Approval of the Area’s Maintenance Plan.”

On March 6, 2015 (effective April 6, 2015), EPA published the final rule for the more stringent 2008 ozone NAAQS and at the same time revoked the 1997 ozone NAAQS for which the region had been in maintenance⁸. The region is currently in attainment of all the criteria pollutants for which the EPA has established NAAQS, including the more stringent 2008 and 2015 ozone NAAQS.

3.0 Long Range Transportation Plan

This conformity assessment is being prepared for the FAMPO Amended 2045 LRTP and FY 2021-2024 TIP. The project list for the LRTP and TIP is presented in Appendix B.

4.0 Transportation Conformity Determination: General Process

Pursuant to the court's decision in *South Coast II*, beginning February 16, 2019⁹, a transportation conformity determination for the 1997 ozone NAAQS is needed in all 1997 ozone NAAQS nonattainment and maintenance areas identified by EPA¹⁰, including the Fredericksburg area.

Accordingly, following the February 16, 2018 court ruling, a regional conformity analysis¹¹ (including a regional emission analysis) was conducted for the Fredericksburg 2045 LRTP and FY 18-21 TIP, for which a joint finding of conformity was received from FHWA and FTA on October 29, 2018. Going forward, conformity findings are needed for all updated or amended metropolitan LRTPs and/or TIPs and otherwise no less frequently than every four years¹².

⁸ "Implementation of the 2008 National Ambient Air Quality Standards for Ozone: State Implementation Plan Requirements", EPA, 80 FR 1226, March 6, 2015. See: <https://www.govinfo.gov/content/pkg/FR-2015-03-06/pdf/2015-04012.pdf>

⁹ FHWA, "Updated: Interim Guidance on Conformity Requirements for the 1997 Ozone NAAQS", October 1, 2018, p.2: "After the Court issued its ruling in February 2018, EPA filed a petition for rehearing on various issues, both as to the merits of the Court's ruling and the remedy imposed by the Court. On September 14, 2018, the Court denied EPA's request for rehearing on the merits, but stayed its vacatur of the transportation conformity aspects of its ruling until February 16, 2019. In essence, the Court provided EPA with one year from the date of its original decision to implement its ruling, and that year expires on February 16, 2019."

¹⁰ The areas identified can be found in EPA's "Transportation Conformity Guidance for the South Coast II Court Decision", EPA-420-B-18-050, available at: www.epa.gov/state-and-local-transportation/policy-and-technical-guidance-state-and-local-transportation.

¹¹ "Fredericksburg, Virginia, Eight-Hour Ozone Maintenance Area Regional Conformity Analysis - 2045 Long Range Transportation Plan and FY 18-21 Transportation Improvement Program", Final Report, August 2018. See: <https://www.fampo.gwregion.org/air-quality-conformity-analysis>

¹² Since modeling is no longer required for areas subject to the South Coast II decision, the title "Regional Conformity Report" is used here to distinguish conformity assessments following that court decision from those conducted previously that did require modeling and were given the title of "Regional Conformity Analysis."

5.0 Transportation Conformity Requirements

5.1 Overview

This conformity analysis was conducted in compliance with the federal transportation conformity rule (40 CFR Parts 51 and 93)¹³, the corresponding state transportation conformity regulation or “conformity SIP” (9 VAC 5-151)¹⁴, and local conformity consultation procedures established pursuant to the federal and state conformity regulations¹⁵.

On November 29, 2018, EPA issued **Transportation Conformity Guidance for the South Coast II Court Decision**¹⁶ (EPA-420-B-18-050) that addresses how transportation conformity determinations can be made in “orphan” areas that were nonattainment or maintenance for the 1997 ozone NAAQS when the 1997 ozone NAAQS was revoked but were designated attainment for the 2008 ozone NAAQS in EPA’s original designations for this NAAQS (May 21, 2012).

The transportation conformity regulation at 40 CFR 93.109 sets forth the criteria and procedures for determining conformity. The conformity criteria for MTPs and TIPs include: latest planning assumptions (93.110), latest emissions model (93.111), consultation (93.112), transportation control measures (93.113(b) and (c)), and emissions budget and/or interim emissions (93.118 and/or 93.119). For the 1997 ozone NAAQS areas, transportation conformity for MTPs and TIPs for the 1997 ozone NAAQS can be demonstrated without a regional emissions analysis, per 40 CFR 93.109(c). This provision states that the regional emissions analysis requirement applies one year after the effective date of EPA’s nonattainment designation for a NAAQS and until the effective date of revocation of such NAAQS for an area. The 1997 ozone NAAQS revocation was effective on April 6, 2015, and the *South Coast II* court decision upheld the revocation. As no regional emission analysis is required for this conformity determination, there is no requirement to use the latest emissions model, or budget or interim emissions tests for orphan areas for the 1997 ozone NAAQS, including the Fredericksburg Area.

Therefore, transportation conformity for the 1997 ozone NAAQS for can be demonstrated by showing the remaining requirements in Table 1 in 40 CFR

¹³ Federal Transportation Conformity Regulations (EPA Website):
<https://www.epa.gov/state-and-local-transportation>

¹⁴ Virginia Regulation for Transportation Conformity (9 VAC5-151):
<https://law.lis.virginia.gov/admincode/title9/agency5/chapter151/>

¹⁵ VDOT, “Consultation Procedures for the Fredericksburg Ozone Nonattainment Area in Support of the Transportation Conformity Regulations”, Revised August, 2004.

¹⁶ “Transportation Conformity Guidance for the South Coast II Court Decision”, EPA-420-B-18-050, November 2018, available at: www.epa.gov/state-and-local-transportation/policy-and-technical-guidance-state-and-local-transportation
Direct Link: <https://www.epa.gov/sites/production/files/2018-11/documents/420b18050.pdf>

93.109 have been met. These requirements, which are laid out in Section 2.4 of EPA's guidance and addressed below, include:

- Latest planning assumptions (93.110)
- Consultation (93.112)
- Timely Implementation of Transportation Control Measures (93.113)
- Fiscal constraint (93.108)

5.2 Latest Planning Assumptions

The use of latest planning assumptions in 40 CFR 93.110 of the conformity rule for regional emissions analyses apply generally for modeling inputs but also include assumptions about transportation control measures (TCMs) if any are included in an approved and applicable SIP. As orphan areas as defined in the South Coast II decision and per EPA guidance issued in November 2018 do not require regional emission analyses, and the 2006 SIP for the Fredericksburg region did not include TCMs, the use of latest planning assumptions is not applicable for regional conformity determinations for this region.

5.3 Consultation

The requirements in 40 CFR 93.112 were addressed for both interagency and public consultation. The consultation conducted was also consistent with requirements of the Virginia Conformity SIP, which closely reflects the requirements of the federal rule for consultation and was assumed in effect for this assessment¹⁷, as well as local conformity consultation procedures. The public consultation conducted was also consistent with planning rule requirements in 23 CFR 450, as well as the FAMPO Public Participation Plan¹⁸. Copies of consultation materials are provided in Appendix A, including a chronology.

¹⁷ On February 22, 2018, shortly after the February 16, 2018 South Coast II court decision was issued, an EPA final rule was published in the federal register that stated in part that "EPA is approving ... revisions updating the Virginia SIP to reflect the revocation of the 1997 ozone NAAQS in accordance with the requirements of the Clean Air Act (CAA)". (p. 7610) The referenced revisions to the Virginia SIP were summarized in the rule as follows: "Virginia also Amended the Regulation for Transportation Conformity and the Regulation for General Conformity by adding clarifying text to 9VAC5-151-20 and 9VAC5-160-30 stating that "The provisions of this chapter shall not apply in nonattainment and maintenance areas that were designated nonattainment or maintenance under a federal standard that has been revoked." These revisions to the Virginia Administrative Code reflect EPA's revocation of the 1997 ozone NAAQS." (p. 7611). Given the court decision, however, conformity assessments will proceed as needed in the future as if the Virginia conformity SIP requirements remain in force for the 1997 ozone NAAQS. See: <https://www.gpo.gov/fdsys/pkg/FR-2018-02-22/pdf/2018-03524.pdf>

¹⁸ See: <https://www.fampo.gwregion.org/public-participation-plan/>

5.4 Timely Implementation of TCMs

As noted above under latest planning assumptions, this requirement is not applicable for the Fredericksburg Region as the 2006 SIP for Fredericksburg Region did not include TCMs.

5.5 Fiscal Constraint

Transportation conformity requirements in 40 CFR 93.108 state that transportation plans and TIPs must be fiscally consistent with DOT's metropolitan planning regulations at 23 CFR part 450. The FAMPO Amended 2045 LRTP and FY 2021-2024 TIP are fiscally constrained, as documented in Chapter 7 of the 2045 LRTP¹⁹.

6.0 Conclusion

This report documents that the FAMPO Amended 2045 LRTP and FY 2021-2024 TIP has met all applicable federal (40 CFR Parts 51 and 93), state and local requirements relating to transportation conformity and, accordingly, a finding of conformity for the LRTP and TIP is supported.

¹⁹ See: <https://www.fampo.gwregion.org/long-range-transportation-planning/>

Appendix A:
Consultation Documentation

CHRONOLOGY OF CONSULTATION ACTIVITIES

FAMPO Technical Advisory Committee (TAC)²⁰ Approval of the Draft Conformity Report, with Inter-Agency Consultation for Conformity (IACC)²¹ and Public Consultation:

- **March 16th, 2020:** FAMPO approval of the fiscally-constrained amended 2045 LRTP and FY 2021-2024 TIP project list for conformity and authorized the FAMPO TAC to approve the draft Regional Conformity Report for public review.
- **May 4th, 2020:** Interagency Consultation Group (ICG) meeting, at which the conformity schedule and project list for the conformity determination was approved by the ICG. An opportunity for public input was provided at this meeting but comments [were/were not] received.
- **May 4th, 2020:** FAMPO TAC approved the draft Regional Conformity Report and proposed finding of conformity for public review. Public comments [were/were not] received on the draft report and/or the proposed finding of conformity.

Formal Public Review Period:

- **Scheduled May 20th – June 19th, 2020:** Thirty-day public review period on the draft Regional Conformity Report and proposed finding of conformity. A public notice with links to copies of the draft Regional Conformity Report was posted on the FAMPO website, a copy of which is provided below.

FAMPO Board Approval of Draft Report, with Public Consultation

- **Scheduled June 22nd, 2020:** FAMPO Board approval of the final Regional Conformity Report and finding of conformity for submittal to FHWA, considering any comments and responses from consultation.

²⁰ The approval process for the FAMPO generally first involves the TAC, which reviews the draft report and provides a recommendation for approval to the FAMPO Board whose meeting is generally later the same month. FAMPO Board and TAC meetings are open to the public, with announcements typically distributed by email the week before the meeting and posted on the FAMPO website.

²¹ The EPA transportation conformity rule at 40 CFR 93.105 requires interagency consultation but not the establishment of a formal group for this purpose. Therefore, the term IACC is used here to reference the consultation *process* actually required under the conformity rule, while the term ICG is retained for the *group* that has been established for the region.

Fredericksburg Interagency Consultation Group Members

As of May 2020

Agency	Designated Staff
MPO Members	
Stafford County	Mr. Alex Owskiak
City of Fredericksburg	Mr. Eric Nelson (Chair)
County of Spotsylvania	Mr. Paul Agnello
Regional	
FAMPO	Mr. Adam Hager
George Washington Regional Commission	Ms. Leigh Anderson
FRED Transit	Mr. Craig Reed
Potomac and Rappahannock Transportation Commission	Mr. Chuck Steigerwald
Virginia Railway Express	Ms. Sonali Soneji
State	
Dept. of Environmental Quality	Ms. Sonya Lewis-Cheatham
Dept. of Transportation (Central Office)	Mr. Jim Ponticello
Dept. of Transportation (District Office)	Mr. Stephen Haynes
Dept. of Rail & Public Transportation	Ms. Ciara Williams
Federal	
Environmental Protection Agency	Mr. Gregory Becoat
Federal Highway Administration	Mr. Ivan Rucker
Federal Transit Administration	Ms. Kathleen Zubrzycki

Supporting Documentation:

- *FAMPO Resolution dated March 16th, 2020, authorizing FAMPO TAC to approve draft Regional Conformity Report for public review*
- *Fredericksburg ICG attendance sheet, presentation, and draft meeting minutes dated May 4th, 2020*
- *FAMPO TAC Agenda dated May 4th, 2020*
- *Scheduled Public Notice for the Draft Regional Conformity Report (30 day public comment period)*
- *Scheduled FAMPO documentation (letter or email) that comments [were/were not] received during the public review period, and responses if applicable*
- *Scheduled FAMPO resolution documenting approval of the Regional Conformity Report for submittal to FHWA for approval*

FAMPO RESOLUTION 20-29

ENDORING THE AMENDED 2045 (FISCALLY) CONSTRAINED LONG RANGE PLAN (CLRP) PROJECT LIST FOR AIR QUALITY CONFORMITY ANALYSIS (AQCA)

WHEREAS, the U.S. Department of Transportation (USDOT) provides financial assistance to public agencies for transportation technical studies; and

WHEREAS, the USDOT requires approval of regional transportation plans and program by the Metropolitan Planning Organization (MPO) in accordance with 23 U.S.C. part 450; and

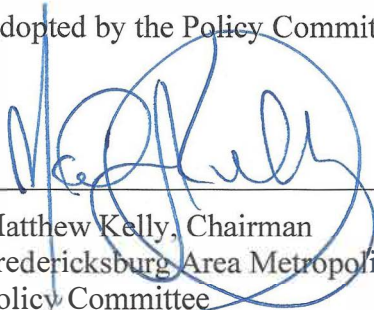
WHEREAS, the Fredericksburg Area Metropolitan Planning Organization Policy Committee is the duly designated MPO for the Fredericksburg Area; and

WHEREAS, the Policy Committee has approved the Amended 2045 Fiscally Constrained Long Range Plan Project List.

NOW, THEREFORE, BE IT RESOLVED that the Fredericksburg Area Metropolitan Planning Organization Policy Committee endorses the Amended 2045 Fiscally Constrained Long Range Plan Project List for Air Quality Conformity Analysis, as seen in the attachment to this resolution; and

BE IT FURTHER RESOLVED that the Fredericksburg Area Metropolitan Planning Organization Policy Committee authorizes the Technical Advisory Committee to approve the draft Conformity Report for public comment on behalf of the Policy Committee.

Adopted by the Policy Committee at its meeting on March 16, 2020.



Matthew Kelly, Chairman
Fredericksburg Area Metropolitan Planning Organization
Policy Committee

Appendix B:

Project List

FAMPO 2045 CONSTRAINED HIGHWAY PROJECT LIST FOR AIR QUALITY CONFORMITY							
Jurisdiction	Project	Route Number	Boundaries		UPC #	Regionally Significant	Improvements Description
			From	To			
Interstate Projects							
Multi-Jurisdictional	95 Express Lanes Fredericksburg Extension	I-95	South of Rte 610	US 17		X	Extend express lane to US 17 interchange (Exit 133)
Multi-Jurisdictional	I-95 Widening	I-95	Exit 126	Exit 130		X	Widen northbound and southbound I-95 from 3 to 4 lanes and reconstruct Harrison Rd Bridge
Multi-Jurisdictional	I-95 Corridor ITS/Operational Improvements	I-95	n/a	n/a		X	Improved ITS and operations on I-95 and arterials
Multi-Jurisdictional	I-95 SB Rappahannock River Crossing	I-95	1.29 Miles South of Exit 130	.31 Miles North of Truslow Road	101595 & 110595	X	Construct 3 CD lanes and widen SB US 17 to SB I-95 on-ramp
Multi-Jurisdictional	I-95 NB Rappahannock River Crossing	I-95	South of Exit 130	Exit 136	105510	X	Construct 3 CD lanes from Exit 130 to Exit 133, construct a 4th auxiliary lane from Exit 133 to Exit 136, and improve Exit 133 interchange
Stafford County	I-95 SB & NB Over US 17 Bridge Replacement	I-95	n/a	n/a	107140	X	Replace Bridge
Stafford County	I-95 Bridge Rehab: Potomac Creek NB/SB	I-95	n/a	n/a			Replace Bridge
City of Fredericksburg	I-95 Safety Improvements at Rte 3	I-95	n/a	n/a	107715	X	Safety Improvements
Spotsylvania County	I-95 Bridge Rehab: Ni River NB/SB	I-95	n/a	n/a			Replace Bridge
Stafford County	I-95 Exit 133 Interchange Improvements	I-95	n/a	n/a		X	Capacity and operational Improvements at various ramps
City of Fredericksburg	NB I-95 to EB Rte 3 ramp realignment	I-95	n/a	n/a		X	Shift I-95 off ramp to the west to allow more space for merging onto eastbound Rte 3
Spotsylvania County	I-95 Exit 126 Interchange Improvements	I-95	n/a	n/a		X	Capacity and operational Improvements at various ramps
Spotsylvania County	I-95 Exit 118 Interchange Improvements	I-95	n/a	n/a	100829 & 105463	X	Reconstruct interchange with added capacity
Stafford County	I-95 Exit 140 Interchange Relocation and Widening	I-95	n/a	n/a	13558	X	New diverging diamond interchange and widening of Courthouse Rd
Stafford County	I-95 NB Widening	I-95	Exit 133	Exit 136		X	Widen from 3 to 4 lanes
Stafford County	I-95 Bridge Rehab: Aquia Creek NB/SB	I-95	n/a	n/a			Rehabilitate Bridge
City of Fredericksburg	NB I-95 Interchange near Celebrate VA South	I-95	n/a	n/a		X	Partial interchange to and from southbound I-95 and from northbound I-95 to Carl D. Silver Pkwy
Other Principal Arterial Projects							
Stafford County	Safety Improvements at US 1 and Woodstock Ln and Telegraph Rd	US-1	n/a	n/a	109467		Safety and turn lane Improvements
Stafford County	US 1 over Chopawamsic Creek Bridge Replacement	US-1	0.26 S Russel Rd	0.25 S Russel Rd	111406		Replace Bridge

Jurisdiction	Project	Route Number	Boundaries		UPC #	Regionally Significant	Improvements Description
			From	To			
Stafford County	Turn Lane Improvements at US 1 and Potomac Creek Dr	US-1	n/a	n/a	111753		Construct left turn lane for SB US 1
Stafford County	US 1 Bridge Replacements over Potomac Creek Dr	US-1	n/a	n/a	102936		Replace Bridge
Stafford County	Stafford US 1 Courthouse Area Improvements	US-1	Hope Road	Courthouse Rd	103085		Turn lane Improvements with bike/ped accommodations
Stafford County	US 17 Business Safety Improvements	US-17	I-95	Washington Ave			Implement Stars Study recommendations
Stafford County	Rte 3 over CSX RR	PR-3	n/a	n/a	113839		Rehabilitate bridge
Stafford County	Ferry Road (Rte 606) and Route 3 Intersection Improvements	PR-3	n/a	n/a	103084		Turn lane Improvements with bike/ped accommodations
Stafford County	Turn Lane Addition - Route 1 south at Garrisonville Rd	US-1	n/a	n/a	103082		Construct additional right turn lane for Rte 1 SB
City of Fredericksburg	Rte 3 Safety Improvements	PR-3	I-95	Dixon St	115124	X	Implement Stars Study recommendations
City of Fredericksburg	US 1 Safety Improvements	US-1	Princess Anne St	Rte 3		X	Implement Stars Study recommendations
City of Fredericksburg	Rte 3 Signal Optimization	PR-3	Blue and Gray Parkway	William St	100450	X	Operational Improvements
Spotsylvania County	US 17 I-95 bridge replacement and widening	US-17	US-1	Hospital Blvd	107140	X	Widen to 4 lanes divided with bike/ped accommodations
Spotsylvania County	I-95 Exit 126, US 1 SB onto Southpoint Pkwy	US-1	I-95 SB Off-Ramp	Southpoint Pkwy	110914	X	Widen I-95 off-ramp and US1 Southbound
Spotsylvania County	Harrison Rd and US 1 Intersection Improvements	US-1	n/a	n/a	51845		Turn lane Improvements with bike/ped accommodations
Spotsylvania County	US 17 (Mills Drive) and RT 609 Intersection Improvements	US-17	n/a	n/a	105893		Intersection Improvements
City of Fredericksburg	Rte 1 Upgrades	US-1	William St	Caroline St	113997		Safety Upgrades
City of Fredericksburg	Rte 1/Fall Hill Ave Intersection Improvements	US-1	n/a	n/a	115117		Intersection Improvements
Spotsylvania County	Rte 1 and Market St Turn Lane	US-1	n/a	n/a	115614		Turn lane improvements
Spotsylvania County	Rte 3 Lick Run Bridge Replacement	PR-3	West of Lick Run	East of Lick Run	113806		Replace Bridge
Spotsylvania County	Rte 3 Operational Improvements	PR-3	Bragg Rd	Salem Church Rd	113172	X	Traffic Management/Engineering Operational Improvements
Minor Arterial Projects							
Multi-Jurisdictional	Tidewater Trail Widening	(US-17/PR-2)	Beulah Salisbury Drive	US 17 (Mills Dr)			Widen to 4 lanes divided with bike/ped accommodations

Jurisdiction	Project	Route Number	Boundaries		UPC #	Regionally Significant	Improvements Description
			From	To			
Stafford County	Chatham Bridge Rehabilitation	SR-3	n/a	n/a	105535 & 110822		Rehabilitate bridge deck with bike/ped accommodations
Spotsylvania County	US 17 BUS (Dixon Street) Reconstruction	US-17 BUS	Beulah Salisburty Drive	North end of bridge over Hazel Run	109459		Repave roadway
Spotsylvania County	Harrison Rd Widening	SC-620	Salem Church Rd	US 1		X	Widen to 4 lanes divided with bike/ped accommodations
Spotsylvania County	US 17 BUS over Deep Run	US-17 BUS	n/a	n/a			Rehabilitate Bridge
Spotsylvania County	Lafayette Blvd and Harrison Rd Turn Lane Improvements	US-1 BUS	n/a	n/a	110913		Extend SB Lafayette Blvd right turn lane onto Harrison Rd
Spotsylvania County	Rt 208 and Rt 636 Intersection Improvements	SR-208	n/a	n/a	110987		Intersection Improvements with bike/ped accommodations
City of Fredericksburg	#SMART20 - Lafayette Blvd/Kenmore Ave/Charles St Roundabouts		Kenmore Ave	Charles St	115123		Install Roundabouts
Spotsylvania County	#SMART20 - Harrison Rd & Salem Church Intersection Improvements	Harrison Rd	Harrison Rd	Salem Church	115764		Intersection Improvements
Stafford County	Butler Rd Improvements	SR-218	Carter St	Castle Rock Dr		X	Widen from 2 to 4 lane facility with bike/ped accommodations
City of Fredericksburg	Lafayette Blvd Improvements/Widening	US-1 BUS	Blue & Gray Pkwy.	City Limits		X	Widen to 4 lanes divided with bike/ped accomodations
Collector Projects							
Multi-Jurisdictional	Lansdowne Rd Operational Improvements	UR-3952	Mine Rd	Tidewater Trail			Turn lane Improvements at Mine Rd, Shannon Dr and Tidewater Trail with bike/ped accommodations
Stafford County	US 1 & Enon Rd Intersection Improvements	US1/Enon Rd	US1	.02 mi west of Beaugard Dr	105722		Widen to add center turn lane withturn lane Improvements at US 1
Stafford County	Courthouse Road Widening	SC-630	Austin Ridge Dr	Ramoth Church Rd/Winding Creek Rd	4632	X	Widen to 4 lanes with bike/ped accommodations
Stafford County	Courthouse Road Widening	SC-630	Ramoth Church/Winding Creek	Shelton Shop Rd		X	Widen to 4 lanes with bike/ped accommodations
Stafford County	Shelton Shop Rd Widening (st)	SC-648	Garrisonville Road	Mountain View Road		X	Widen to 4 lanes with bike/ped accommodations
Stafford County	Eskimo Hill Road Improvements	SC-628	US-1	Potomac Run Rd			Reconstruct 2-lane road with intersection improvments at US 1 and bike/ped accomodations
Stafford County	Rte 610 - Garrisonville Road - Widen to 6 Lanes - Phase 2	SC-610	Shenandoah Ln	Onville Rd	98847	X	Widen to 6 lanes divided with sidewalks
Spotsylvania County	Mine Road Widening	SC-636	Falcon Dr/Spotsylvania Ave	Lansdowne Rd		X	Widen to 4 lanes with bike/ped accommodations
Spotsylvania County	Old Plank Rd and Ashleigh Park Blvd Intersection Improvements	SC-610	n/a	n/a	110898	X	Widen to 4 lanes with bike/ped accommodations
Spotsylvania County	Rt 606 (Mudd Tavern Road) Widening	SC-606	US 1	I-95	105464	X	Widen to 4 lanes with bike/ped accommodations

Jurisdiction	Project	Route Number	Boundaries		UPC #	Regionally Significant	Improvements Description
			From	To			
Spotsylvania County	Route 711 - Crossover Movement Conversion	SC-711	US 1	I-95	109516		Safety Improvements
Spotsylvania County	Rte. 608 over Massaponax Creek	SC-608	n/a	n/a			Replace Culvert
Stafford County	Poplar Road Intersection Improvement	SC-616	Poplar Rd	Cedar Hill Ln	100622		Reconstruct intersection to meet current standards
Stafford County	Berea Church Road Reconstruction	SC-654	Turslow Road	Warrenton Road	107194		Reconstruct roadway without added capacity
City of Fredericksburg	#SMART20 Dixon St/Lansdowne Rd Intersection Improvements		n/a	n/a	115119		Intersection Improvements
Stafford County	Rte 644 Bridge Replacement	SC-644	Aquia Creek	Aquia Creek	113851		Replace Bridge
Stafford County	Stefangia Rd/Mountain View Rd Intersection Improvement		n/a	n/a	115122		Intersection Improvement
Stafford County	Leeland Road Widening		Julian Dr	Walnut Dr			Roadway widening for two-way left turn lane
Stafford County	Layhill Rd & Route 1		Route 1	Forbes St			Intersection improvements & widening of Layhill Road
Stafford County	Onville Road Widening		Worth Ave	Hulvey Dr			Roadway widening for two-way left turn lane
Stafford County	Mountain View Road Improvements		Choptank Rd	Kellogg Mill Rd			3R project to improve geometry and increase safety
Stafford County	Garrisonville Road Widening	SC-610	Eustace Rd	Shelton Shop Rd		X	Widen to 6 lanes with sidewalk
Spotsylvania County	Germanna Point Dr Extension	SC-1029	Current Terminus	Spotsylvania Ave		X	Extend 2-lane road with bike/ped accommodations
Local Roads Projects							
Stafford	Rte 2200 over Stream	SC-2200	n/a	n/a			Replace Culvert
City of Fredericksburg	Gateway Boulevard Extension	FR-693	Rte 3	Fall Hill Ave		X	New 4 Lane Divided Roadway Alignment. Include a bike/ped bridge at Rte. 3
Spotsylvania County	Lee Hill School Dr and Old Dominion Pkwy Intersection Improvements	SC-635	n/a	n/a	110900		Safety Improvements
Spotsylvania County	Mt. Olive Rd over N Anna River Bridge Replacement	SC-650	.05 miles S of Hanover/Spotsy County Line	.03 miles N of Hanover/Spotsy County Line	81501		Replace Bridge
City of Fredericksburg	Carl D. Silver Pkwy Extension		Current Terminus	Int. with Gordon W. Shelton BLVD		X	Extend 4-lane divided road with bike/ped accommodations
Spotsylvania County	Route 606 Service Road	SC-2092	Rte 606	Dan Bell Lane	111456		Construct service road north of Rte 606
Spotsylvania County	Rte 1470 Culvert Replace		Bloomsbury Lane		113807		Replace Culvert

Jurisdiction	Project	Route Number	Boundaries		UPC #	Regionally Significant	Improvements Description
			From	To			
Stafford County	Morton Road Widening		Leeland Rd	Cherry Laurel Dr			Roadway widening for two-way left turn lane
Spotsylvania County	Bridge over I-95		0.1 mile West of I-95	0.1 mile East of I-95		X	Bridge between Jackson Village & Alexander's Crossing developments. 4 lanes with bike/ped accommodations
Bicycle and Pedestrian Projects							
Multi-Jurisdictional	Bike Share Plan Capital Costs		n/a	n/a			Implement bike share program in Fredericksburg area
Stafford County	Courthouse Rd Sidewalk Project		Rad Oak Dr	US 1	17570, 107551, 108077, 112311		Construct shared-use path
Stafford County	Onville Road Sidewalk Project		Stafford Mews Ln	Garrisonville Ln	111224		Construct Sidewalk
Stafford County	Manning Drive Sidewalks		Belmont	Ferry Farm	17570, 107551, 108077, 112311		Construct shared-use path
Stafford County	Upgrades on Leeland Road		Deacon Rd	1.03 Mi N of Deacon Road	109477		Construct new bike lanes
Stafford County	Manning Drive Sidewalks		James Madison Dr	Forbes St	113837		Construct sidewalk adjacent to Manning Dr
Stafford County	Lichfield Blvd Sidewalks		Harrogate Rd	Plantation Dr	113837		Construct sidewalk adjacent to Lichfield Blvd
Stafford County	Flatford Road Sidewalks		Parkway Blvd	Winding Creek Rd	113561		Construct sidewalk adjacent to Flatford Rd
Stafford County	Butler Road Sidewalks		Carter St	St. Clair Brooks Park			Construct sidewalk adjacent to Butler Rd
Stafford County	Deacon Road Sidewalks		VDOT District Office	Leeland Rd	113992		Construct sidewalk adjacent to Deacon Rd
Stafford County	Crossing Improvements at Kings Highway and Cool Springs Road/Jett Drive		n/a	n/a			Construct 3 crosswalks and install pedestrian signal
Stafford County	Warrenton Road (US 17 BUS) Sidewalks		I-95	US 1			Construct sidewalk adjacent to Warrenton Rd
City of Fredericksburg	Fall Hill Ave - Riverside Manor Connector - Sidewalks		Carl D. Silver Pkwy	Fall Hill Ave/ Vidalia St	113838		Riverside Manor Connector - Sidewalks
City of Fredericksburg	Riverfront Corridor Connector		Rappahannock River Heritage Trail	Lafayette Blvd			Construct bike lanes along Sophia St and Pitt St from Lafayette Blvd to Caroline St, construct a cycle track along Caroline St from Pitt St to the RRHT, and improve intersection at Sophia and William
City of Fredericksburg	VCR Trail Bridge over Blue & Gray Parkway		n/a	n/a			Construct bike/ped bridge over Blue & Gray Pkwy near VCR Trail
City of Fredericksburg	Kenmore Ave Bike Improvements		Lafayette Blvd	Rappahannock Canal Path			Construct cycle track between Lafayette Blvd and William St, Sharrows between William St and Grove Ave, and shared-use path between Grove Ave and Canal Path
City of Fredericksburg	East-West Bike Boulevard		Rowe St and Stafford Ave	Sophia Street			Utilize traffic calming techniques to create bike boulevard from FRED Central to Sophia St

Jurisdiction	Project	Route Number	Boundaries		UPC #	Regionally Significant	Improvements Description
			From	To			
City of Fredericksburg	Idlewild Shared-Use Path		Idlewild Neighborhood	VCR Trail			Construct paved (natural surface) shared-use path connecting Idlewild to VCR Trail
City of Fredericksburg	Virginia Central Railway Trail Bridge		n/a	n/a	109574		Construct bike/ped bridge
City of Fredericksburg	Twin Lake/Kensington/Ped Counter		St Paul St	Twin Lake Dr	110932		Construct shared-use path
City of Fredericksburg	Hospital Drive Shared-Use Path		Cowan Blvd	Rappahannock Canal Path			Construct shared-use path adjacent to Hospital Dr
City of Fredericksburg	Downtown Fredericksburg Pedestrian Improvements		n/a	n/a	111804		Street light upgrades, sidewalk reconstruction, crosswalk upgrades and market square alley Improvements
Spotsylvania County	US 1 and Spotsylvania Parkway Intersection Improvements		n/a	n/a			Construct shared-use path along Spotsylvania Pkwy, repaint 5 crosswalks and install pedestrian signal
Spotsylvania County	Salem Church Road Shared-use Path and Sidewalk		Rte 3	Harrison Rd			Construct shared-use path and sidewalk along Salem Church Rd Install 3 crosswalks and pedestrian signal at Rt. 3 and Salem Church Rd
Spotsylvania County	Harrison Rd and Leavells Rd/Salem Church Rd Intersection Improvements		n/a	n/a			Install 3 crosswalks and pedestrian signals. Construct shared-use path to VCR Trail
Spotsylvania County	Smith Station Road Shared-Use Path		Leavells Rd	1,000 ft west of Leavells Rd			Construct shared-use path and repair crosswalks at Smith Station Rd and Spotsylvania Pkwy
Spotsylvania County	Harrison Rd and Gordon Rd Intersection Improvements		n/a	n/a			Construct a shared-use path from VCR Trail to intersection. Install 3 crosswalks and a pedestrian signal
Spotsylvania County	Smith Station Road Sidewalk		Spotsylvania Pkwy	Existing Sidewalk			Construct sidewalk along Smith Station Rd from existing sidewalk south of Spotsylvania Pkwy to Spotsylvania Pkwy
Spotsylvania County	Spotswood Furnace Road Sidewalk		Riverbend High School	Rte 3			Construct sidewalk along Spotswood Furnace Rd
Spotsylvania County	Spotsylvania Courthouse Village Streetscape - Phase II				110488		Construct sidewalks and other ped infrastructure
Spotsylvania County	Spotswood Furnace Rd Sidewalks		Rte 3	Spotswood Furnace Rd	113991		Construct sidewalks
Stafford County	Staffordboro Boulevard Sidewalk		VDOT Commuter Lot	Pike's Place			Construct sidewalk
Stafford County	Salisbury Drive Sidewalk		Garrisonville Rd	Mine Rd Commuter Lot			Construct sidewalk
Stafford County	Belmont-Ferry Farm Trail Phase 6		River Rd	Cool Springs Dr	112311		
City of Fredericksburg	VCR Trail Bridge over U.S. 1 Bypass						Construct bike/ped bridge over U.S. 1 Bypass near VCR Trail
City of Fredericksburg	Idlewild Blvd/VCR Trail Connector						Asphalt surfaced multi-use trail west side of U.S. Rt. 1, with bridge over Hazel Run

FAMPO 2045 CONSTRAINED TRANSIT/TDM PROJECT LIST FOR AIR QUALITY CONFORMITY				
Jurisdiction	Project/Corridor	VDOT UPC #	Regionally Significant	Project Description
Transit Projects				
Multi-jurisdictional	New Commuter Bus Routes		X	Implement two new commuter bus routes from FAMPO Region to Northern Virginia and Washington D.C., with 8 total trips. Exact routes TBD
Stafford County	Garrisonville to Quantico Bus Route		X	New service from Garrisonville commuter lots to Quantico
City of Fredericksburg	Downtown Fredericksburg Circulator		X	New service around the Downtown Fredericksburg area
Spotsylvania County	FRED Transit Lee Hill Transfer Center			Construct transfer station near Market St and Wensel Rd
Stafford County	Brooke VRE Station Platforms + Ped Bridge + Ped/Bike Access	111883		Expand existing platform, construct second platform and add bike/ped accommodations
Stafford County	Leeland Road VRE Station Platforms + Ped Bridge + Ped/Bike Access	111884		Expand existing platform, construct second platform and add bike/ped accommodations
Multi-jurisdictional	#SMART20 - FRED Transit Shelters and Benches	115177		Transit shelters and benches at various locations
TDM Projects				
Multi-jurisdictional	Regional Commuter Lot Improvements			Miscellaneous commuter lot Improvements regionwide
Multi-jurisdictional	GWRideConnect/TDM Assistance	103685	X	
Stafford County	Leeland Road VRE Station Parking Expansion	111885	X	Expand existing parking lot by 225 spaces
Stafford County	New Chatham Heights Road Commuter Lot		X	Construct new 80-space lot on Chatham Heights Road
Stafford County	New Route 3 East Commuter Lot		X	Construct new 150-space lot on Route 3 in eastern Stafford County
Stafford County	New Warrenton Road (US 17 Bus.) Commuter Lot		X	Construct new 1000-space lot on US 17 Business near Olde Forge Drive
Stafford County	Mine Road Commuter Lot Expansion		X	Expand existing parking lot by 400 spaces
Spotsylvania County	New Commuter parking Lot Rte 1 at Commonwealth Dr	109474	X	Construct new lot from 0.234 mi. south of Comm. Dr. to 0.175 mi. north of Comm. Dr. (0.4090 mi)