

DRAFT FY 2022 – 2027 SIX-YEAR IMPROVEMENT PROGRAM

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Draft FY 2022-2027 SYIP

	Final FY 2020-2025	Draft FY 2022-2027	Change*
Highways	\$18.3 billion	\$15.7 billion	-\$2.6 billion
Rail & Public Transp.	\$4.6 billion	\$5.7 billion	\$1.1 billion
Total SYIP**	\$22.9 billion	\$21.4 billion	-\$1.5 billion

*Comparison is made to the last full SYIP update approved by the CTB; the FY2021-2026 COVID-19 SYIP Update was a partial update.

**Total excludes debt service.

- Highway Construction Program (FY 2022 – 2027) \$15.7 billion
 - Additionally includes \$970 million in debt service
 - Provides funding to more than 3,900 projects
 - Current program includes \$4.1 billion to be provided by others

Highlights – Programs Updated

Program	Update Cycle	FY2022-2027 Total
State of Good Repair Program (SGR)	Annual	\$1.5 billion
Regional Surface Transportation Program (RSTP)	Annual	\$0.5 billion
Congestion Mitigation Air Quality (CMAQ)	Annual	\$0.3 billion
Unpaved Roads	Annual	\$0.1 billion
Innovation and Technology Transportation (ITTF)	Annual	\$0.1 billion
Construction District Grant (DGP)	Even fiscal years	\$2.0 billion
High Priority Projects (HPP)	Even fiscal years	\$1.3 billion

Highlights – New Programs

Program	FY2022-2027 Total
Interstate Operations and Enhancement Program (IOEP)	\$1.2 billion
Virginia Highway Safety Improvement Program (VHSIP)	\$0.5 billion

SGR Proposed Paving

District	VDOT Paving	Local Paving	Total
Bristol	\$5.1	\$0.9	\$5.9
Culpeper	\$2.5	\$0.2	\$2.7
Fredericksburg	\$2.5	\$0.0	\$2.5
Hampton Roads	\$2.4	\$8.7	\$11.1
Lynchburg	\$3.2	\$1.2	\$4.4
Northern Virginia	\$4.1	\$1.2	\$5.3
Richmond	\$4.6	\$1.6	\$6.2
Salem	\$5.8	\$2.3	\$8.1
Staunton	\$8.0	\$0.7	\$8.7
Total	\$38.2	\$16.8	\$55.0

(millions)

- VDOT SGR Paving
 - \$214M dedicated over the six-year window
 - \$38M in FY22 and previous surplus funds available for projects
- Local SGR Paving
 - \$85M dedicated over the six-year window
 - \$17M FY22 and previous surplus funds available for projects
 - Includes \$2.2M in Legacy CTB Formula Primary Extension funding

SGR Proposed Bridges

District	VDOT Bridge		Local Bridge		Total	
	# Bridges	Allocations millions	# Bridges	Allocations millions	# Bridges	Allocations millions
Bristol	2	\$22.3	0	\$0.0	2	\$22.3
Culpeper	2	\$12.6	0	\$0.0	2	\$12.6
Fredericksburg	3	\$2.5	0	\$0.0	3	\$2.5
Hampton Roads	0	\$0.0	1	\$2.9	1	\$2.9
Lynchburg	0	\$0.0	0	\$0.0	0	\$0.0
Northern Virginia	2	\$28.2	0	\$0.0	2	\$28.2
Richmond	1	\$50.3	0	\$0.0	1	\$50.3
Salem	3	\$32.1	0	\$0.0	3	\$32.1
Staunton	2	\$15.3	1	\$2.8	3	\$18.1
Total	15	\$163.3	2	\$5.7	17	\$169.0

- VDOT SGR Bridge
 - \$1,006M dedicated over the six-year window
 - \$170M in FY26 available for projects
- Local SGR Bridge
 - \$238M dedicated over the six-year window
 - \$40M in FY26 available for projects

ITTF Proposed Projects

UP	Description	Total Allocations (millions)
-25289	#ITTF22 Route 19/460 Signal Improvements and Cameras	\$1.1
-25288	#ITTF22 I-77 VSL Study	\$0.2
-25303	#ITTF22 Project Evaluations	\$0.8
-25302	#ITTF22 Incident Response Optimization	\$1.0
-25301	#ITTF22 Variable Speed Limit Feasibility Study	\$0.5
-25300	#ITTF22 Guide Lights for Speed Management	\$1.0
-25299	#ITTF22 IFM Pilot with VTTI/CAMP	\$0.5
-25298	#ITTF22 Automated Speed Enforcement Pilot	\$0.6
-25297	#ITTF22 Connected Work Zones Program	\$0.7
-25296	#ITTF22 Smarter Lighting Initiative	\$0.5
-25295	#ITTF22 Data-Driven Mgmt Program for Pavement Marking	\$0.3
-25294	#ITTF22 High Speed Communications for Signals (Phase II)	\$3.0
-25293	#ITTF22 City of Newport News Traffic Signal Upgrades	\$0.2
-25292	#ITTF22 HRBT Over-height Detection System Enhancements	\$0.5
-25291	#ITTF22 High-Water Monitoring System	\$0.6
-25290	#ITTF22 Osprey Fiber Connections	\$1.5
Total		\$12.9

- \$130M dedicated over the six-year window
- \$20M in FY22 available for projects

SMART SCALE Update – Staff Recommended Scenario

District	Available		Recommended		Remaining	
	DGP	HPP	# Projects	Funding	DGP	HPP
Bristol	\$72.9	\$0.0	16	\$76.6	\$13.1	\$0.0
Culpeper	\$114.3	\$0.0	19	\$160.1	\$5.4	\$0.0
Fredericksburg	\$69.7	\$0.0	12	\$109.5	\$0.4	\$0.0
Hampton Roads	\$120.1	\$0.0	19	\$125.9	\$45.1	\$0.0
Lynchburg	\$113.5	\$0.0	9	\$142.1	\$10.1	\$0.0
Northern Virginia	\$111.1	\$0.0	11	\$220.9	\$4.1	\$0.0
Richmond	\$122.0	\$0.0	19	\$177.8	\$7.0	\$0.0
Salem	\$105.4	\$0.0	29	\$142.8	\$1.0	\$0.0
Staunton	\$54.7	\$0.0	21	\$80.8	\$1.0	\$0.0
Multi	\$0.0	\$0.0	1	\$50.0	\$0.0	\$0.0
Total	\$883.7	\$490.7	156	\$1,286.4	\$87.2	\$0.7

(dollars in millions)

VHSIP Update

- **Newly established program to reduce motorized and nonmotorized fatalities and severe injuries on highways**
- **Includes both federal and state funding sources**
 - **Current programming is consistent with the Board's Highway Safety Improvement Program Project Prioritization Policy (December 2019), which prioritizes systemic safety improvement projects on VDOT maintained roads until FY2024**
 - **Per the Code, the Board must adopt an investment strategy to guide investments**
 - **Beginning in FY2024, after program administration costs**
 - 54% for infrastructure projects
 - 29% for behavioral strategies
 - 17% for other strategies in the Board's investment strategy

Next Steps

- **April/May - Hold Virtual Spring Meetings**
- **May - Approve SMART SCALE Round 4 Consensus Scenario**
- **May - Approve IOEP recommendations**
- **May - Incorporate Specials Structure funding**
- **June - Adopt Final FY2022-2027 SYIP**

