

FAMPO 2045 CONSTRAINED HIGHWAY PROJECT LIST													FAMPO Staff Comment	Smart Scale Project Description
Jurisdiction	Project	Route Number	Boundaries		UPC #	Contained in 2040 CLRP	Regionally Significant	Contained in TIP	Committed Project	AQ Conformity Analysis Network Year	Improvements Description	Cost Estimate (2018 Dollars)		
			From	To										
Interstate Projects														
Multi-Jurisdictional	95 Express Lanes Fredericksburg Extension	I-95	South of Rte 610	US 17			X	X	X	2025	Extend express lane to US 17 interchange (Exit 133)	\$ 450,000,000		
Multi-Jurisdictional	I-95 Widening	I-95	Exit 126	Exit 130			X			2035	Widen northbound and southbound I-95 from 3 to 4 lanes and reconstruct Harrison Rd Bridge	\$ 96,200,000		
Multi-Jurisdictional	I-95 Corridor ITS/Operational Improvements	I-95	n/a	n/a		X	X	X		2035	Improved ITS and operations on I-95 and arterials	\$ 10,000,000		
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	X	X	2025	Construct 3 CD lanes and widen SB US 17 to SB I-95 on-ramp	\$ 120,129,998		
Multi-Jurisdictional	I-95 NB Rappahannock River Crossing	I-95	South of Exit 130	Exit 136	105510		X		X	2025	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	\$ 132,000,000		
Spotsylvania County	I-95 SB & NB Over US 17 Bridge Replacement	I-95	n/a	n/a	107140		X	X	X	2025	Route 17 I-95 Bridge to Hospital Blvd.	\$ 23,534,380		
Stafford County	I-95 Bridge Rehab: Potomac Creek NB/SB	I-95	n/a	n/a				X	X	N/A	Replace Bridge	\$ 2,200,000		
City of Fredericksburg	I-95 Safety Improvements at Rte 3	I-95	n/a	n/a	107715		X	X	X	2021	Safety Improvements	\$ 5,572,340		
Spotsylvania County	I-95 Bridge Rehab: Ni River NB/SB	I-95	n/a	n/a					X	N/A	Replace Bridge	\$ 2,200,000		
Stafford County	I-95 Exit 133 Interchange Improvements	I-95	n/a	n/a			X			2035	Capacity and operational improvements at various ramps	\$ 25,000,000		
City of Fredericksburg	NB I-95 to EB Rte 3 ramp realignment	I-95	n/a	n/a			X			2035	Shift I-95 off ramp to the west to allow more space for merging onto eastbound Rte 3	\$ 5,860,000		
Spotsylvania County	I-95 Exit 126 Interchange Improvements	I-95	n/a	n/a			X	X		2035	Capacity and operational improvements at various ramps	\$ 40,000,000	Leave as is; CLRP currently encompasses Smart Scale Project	Operational and safety improvements including the widening of US 1 to 6 lanes between the I-95 ramps, the addition of a second NB US 1 left turn lane onto NB I-95, I-95 NB on-ramp widening to two entrance lanes and dual aux merge lanes, extending the acceleration area to 3,220'. Convert Rte 1 NB RTL onto SB I-95 into Thru+RTL.
Spotsylvania County	I-95 Exit 118 Interchange Improvements	I-95	n/a	n/a	100829 & 105463		X	X	X	2021	Reconstruct interchange with added capacity	\$ 26,167,297		
Stafford County	I-95 Exit 140 Interchange Relocation and Widening	I-95	n/a	n/a	13558	X	X	X	X	2021	New diverging diamond interchange and widening of Courthouse Rd	\$ 150,006,563		
Stafford County	I-95 NB Widening	I-95	Exit 133	Exit 136			X			2045	Widen from 3 to 4 lanes	\$ 50,000,000	Suggest removal (added to NB River Crossing)	
Stafford County	I-95 Bridge Rehab: Aquia Creek NB/SB	I-95	n/a	n/a				X	X	N/A	Rehabilitate Bridge	\$ 5,572,340		
City of Fredericksburg	NB I-95 Interchange near Celebrate VA South	I-95	n/a	n/a			X			2035	Partial interchange to and from southbound I-95 and from northbound I-95 to Carl D. Silver Pkwy	\$ 40,000,000	Suggest removal (not in I-95 study, no IJR, no TIA)	
TOTAL:												\$ 1,184,442,918		
Other Principal Arterial Projects														
Stafford County	Safety Improvements at US 1 and Woodstock Ln and Telegraph Rd	US-1	n/a	n/a	109467		X	X	X	2025	Safety and turn lane Improvements	\$ 8,800,000	Update cost estimate to \$9,990,189	
Stafford County	US 1 over Chopawamsic Creek Bridge Replacement	US-1	0.26 S Russel Rd	0.25 S Russel Rd	111406		X		X	N/A	Replace Bridge	\$ 7,750,000		
Stafford County	Turn Lane Improvements at US 1 and Potomac Creek Dr	US-1	n/a	n/a	111753		X		X	2021	Construct left turn lane for SB US 1	\$ 1,800,000		
Stafford County	US 1 Bridge Replacements over Potomac Creek Dr	US-1	n/a	n/a	102936		X	X		N/A	Replace Bridge	\$ 6,576,870		
Stafford County	Stafford US 1 Courthouse Area Improvements	US-1	Hope Road	Courthouse Rd	103085		X	X	X	2025	Turn lane Improvements with bike/ped accommodations	\$ 18,720,200	Update cost estimate to \$19,936,325	
Stafford County	US 17 Business Safety Improvements	US-17	I-95	Washington St			X			N/A	Implement Stars Study recommendations	\$ 5,113,000	Adjust cost estimate to reflect Smart Scale project cost (\$9,762,553)	Widening of US-17 Bus. to replace TWLTL with a raised median for access mgmt. and to improve safety. Signal at Olde Forge Dr to be replaced. The right SB lane/RTL will be extended to provide for merging from the interchange. Project will have 5' sidewalk along US-17 from Short St to Olde Forge Dr with a covered FRED bus shelter and turnout at the existing stop at Olde Forge Dr and a 5' sidewalk to approx. 600' eastward from Olde Forge Dr. Realign Int of Short St and Thomas Ln. Realign RV Pkwy.
Stafford County	Rte 3 over CSX RR	PR-3	n/a	n/a	113839		X		X	N/A	Rehabilitate bridge	\$ 2,000,000		
Stafford County	Ferry Road (Rte 606) and Route 3 Intersection Improvements	PR-3	n/a	n/a	103084		X		X	2021	Turn lane Improvements with bike/ped accommodations	\$ 5,574,618		
Stafford County	Turn Lane Addition - Route 1 south at Garrisonville Rd	US-1	n/a	n/a	103082		X		X	2021	Construct additional right turn lane for Rte 1 SB	\$ 1,415,592		
City of Fredericksburg	Rte 3 Safety Improvements	PR-3	I-95	Dixon St			X			N/A	Implement Stars Study recommendations	\$ 11,500,000		
City of Fredericksburg	US 1 Safety Improvements	US-1	Princess Anne St	Rte 3			X			N/A	Implement Stars Study recommendations	\$ 11,600,000	Leave as is; CLRP currently encompasses Smart Scale Project	Add SB Rte 1 right turn bay at Augustine, remove access to/from Snowden Dr both east and west of Rte 1, restrict NB Rte 1 right turn to Augustine, remove service road west of Rte 1, install pedestrian facilities (new sidewalk) and relocate pedestrian ramps across WB approach of Eagle Village Dr/College Ave, relocate right turn stop bars on Eagle Village Dr and College Ave
City of Fredericksburg	Rte 3 Signal Optimization	PR-3	Blue and Gray Parkway	William St	100450		X	X	X	2025	Operational Improvements	\$ 1,047,000		
Spotsylvania County	US 17 I-95 bridge replacement and widening	US-17	US-1	Hospital Blvd	107140		X	X	X	2025	Widen to 4 lanes divided with bike/ped accommodations	\$ 20,000,000		

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			From	To										
Spotsylvania County	I-95 Exit 126, US 1 SB onto Southpoint Pkwy	US-1	I-95 SB Off-Ramp	Southpoint Pkwy	110914		X	X	X	2025	Widen I-95 off-ramp and US1 Southbound	\$ 14,495,000		
Spotsylvania County	Harrison Rd and US 1 Intersection Improvements	US-1	n/a	n/a	51845		X	X	X	2021	Turn lane Improvements with bike/ped accommodations	\$ 22,732,636	Suggest removal (financially closed)	
Spotsylvania County	US 17 (Mills Drive) and RT 609 Intersection Improvements	US-17	n/a	n/a	105893		X		X	2021	Intersection Improvements	\$ 2,975,000	Suggest removal (financially closed)	
City of Fredericksburg	Rte 1 Upgrades	US-1	William St	Caroline St	113997		X	X			Safety Upgrades	\$ 1,260,000		
City of Fredericksburg	Rte 1/Fall Hill Ave Intersection Improvements	US-1	n/a	n/a	115117			X			Intersection Improvements	\$ 7,200,000		
Spotsylvania County	Rte 1 and Market St Turn Lane	US-1	n/a	n/a	115614		X	X			Turn lane improvements	\$ 5,660,000		
Spotsylvania County	Rte 3 Lick Run Bridge Replacement	PR-3	West of Lick Run	East of Lick Run	113806			X			Replace Bridge	\$ 4,799,587		
Spotsylvania County	Rte 3 Operational Improvements	PR-3	Bragg Rd	Salem Church Rd	113172			X			Traffic Management/Engineering Operational Improvements	\$ 5,000,000		
TOTAL:												\$ 166,019,503		
Minor Arterial Projects														
Multi-Jurisdictional	Tidewater Trail Widening	(US-17/PR-2)	Beulah Salisbury Drive	US 17 (Mills Dr)		X	X			2035	Widen to 4 lanes divided with bike/ped accommodations	\$ 56,620,000	Leave as is; CLRP currently encompasses Smart Scale Project	Rte 2/17 Widening to 4 lanes from Fredericksburg City Line to south side of Shannon Airport with a 10 ft Shared Use Path along eastside of roadway and new FRED Transit VRE feeder bus service from the Upper Spotsy Redevelopment Project (Bowman Center) to Fredericksburg AMTRAK/VRE.
Stafford County	Chatham Bridge Rehabilitation	SR-3	n/a	n/a	105535, 110822 & 114770		X	X	X	2025	Rehabilitate bridge deck with bike/ped accommodations	\$ 24,925,019		
Spotsylvania County	US 17 BUS (Dixon Street) Reconstruction	US-17 BUS	Beulah Salisbury Drive	North end of bridge over Hazel Run	109459					N/A	Repave roadway	\$ 292,250		
Spotsylvania County	Harrison Rd Widening	SC-620	Salem Church Rd	US 1		X	X			2035	Widen to 4 lanes divided with bike/ped accommodations	\$ 17,000,000		
Spotsylvania County	US 17 BUS over Deep Run	US-17 BUS	n/a	n/a					X	N/A	Rehabilitate Bridge			
Spotsylvania County	Lafayette Blvd and Harrison Rd Turn Lane Improvements	US-1 BUS	n/a	n/a	110913				X	N/A	Extend SB Lafayette Blvd right turn lane onto Harrison Rd	\$ 1,200,000		
Spotsylvania County	Rt 208 and Rt 636 Intersection Improvements	SR-208	n/a	n/a	110987				X	N/A	Intersection Improvements with bike/ped accommodations	\$ 5,150,000		
City of Fredericksburg	#SMART20 - Lafayette Blvd/Kenmore Ave/Charles St Roundabouts		Kenmore Ave	Charles St	115123		X	X			Install Roundabouts	\$ 5,800,000		
Spotsylvania County	#SMART20 - Harrison Rd & Salem Church Intersection Improvements	Harrison Rd	Harrison Rd	Salem Church	115764		X	X			Intersection Improvements	\$ 6,100,000		
Stafford County	Butler Rd Improvements	SR-218	Carter St	Castle Rock Dr			X			2045	Widen from 2 to 4 lane facility with bike/ped accommodations	\$ 28,225,000		
City of Fredericksburg	Lafayette Blvd Improvements/Widening	US-1 BUS	Blue & Gray Pkwy.	City Limits			X			2045	Widen to 4 lanes divided with bike/ped accommodations	\$ 19,817,000	Leave project as is since Smart Scale project (below) scope is different from this project	
Multi-Jurisdictional	Lafayette Blvd Multimodal Improvements [New CLRP Project]	US-1 BUS/SR-208	Caroline Street	Route 208 Park and Ride Lot							Add sidewalk on east side of Lafayette Blvd with two new bus stops; improvements at Route 208 PNR lot in Spotsylvania County	\$ 11,781,801		Project includes a proposed 2,000' sidewalk on the east side of Lafayette Blvd from the Sheetz to the Family Dollar and two new bus stops along the FRED F3 service which will also serve the new VRE feeder bus which is proposed from the Rte 208 PNR lot to the Fredbg VRE station, with further improvements at the Rte 208 PNR lot to include the replacement of the transit shelter with LED solar lighting, 10 bicycle lockers, 10 covered bicycle parking and new signage.
TOTAL:												\$ 176,911,070		
Collector Projects														
Multi-Jurisdictional	Lansdowne Rd Operational Improvements	UR-3952	Mine Rd	Tidewater Trail						N/A	Turn lane Improvements at Mine Rd, Shannon Dr and Tidewater Trail with bike/ped accommodations	\$ 12,396,000		
Stafford County	US 1 & Enon Rd Intersection Improvements	US1/Enon Rd	US1	.02 mi west of Beauregard Dr	105722					N/A	Widen to add center turn lane withturn lane Improvements at US 1	\$ 10,600,000		
Stafford County	Courthouse Road Widening	SC-630	Austin Ridge Dr	Ramoth Church Rd/Winding Creek Rd	4632	X	X	X	X	2021	Widen to 4 lanes with bike/ped accommodations	\$ 35,966,920		
Stafford County	Courthouse Road Widening	SC-630	Ramoth Church/Winding Creek	Shelton Shop Rd		X	X			2035	Widen to 4 lanes with bike/ped accommodations	\$ 5,000,000		
Stafford County	Shelton Shop Rd Widening (st)	SC-648	Garrisonville Road	Mountain View Road		X	X			2035	Widen to 4 lanes with bike/ped accommodations	\$ 24,787,000	Update cost estimate to \$29,828,710	
Stafford County	Eskimo Hill Road Improvements	SC-628	US-1	Potomac Run Rd						N/A	Reconstruct 2-lane road with intersection improvements at US 1 and bike/ped accommodations	\$ 13,458,800		
Stafford County	Rte 610 - Garrisonville Road - Widen to 6 Lanes - Phase 2	SC-610	Shenandoah Ln	Onville Rd	98847		X		X	2021	Widen to 6 lanes divided with sidewalks	\$ 13,458,800	Suggest removal (financially closed)	
Spotsylvania County	Mine Road Widening	SC-636	Falcon Dr/Spotsylvania Ave	Lansdowne Rd			X			2035	Widen to 4 lanes with bike/ped accommodations	\$ 13,407,135		
Spotsylvania County	Old Plank Rd and Ashleigh Park Blvd Intersection Improvements	SC-610	n/a	n/a	110898				X	N/A	Widen to 4 lanes with bike/ped accommodations	\$ 13,407,135		
Spotsylvania County	Rt 606 (Mudd Tavern Road) Widening	SC-606	US 1	I-95	105464		X		X	2025	Widen to 4 lanes with bike/ped accommodations	\$ 21,250,000		
Spotsylvania County	Route 711 - Crossover Movement Conversion	SC-711	US 1	I-95	109516				X	N/A	Safety Improvements	\$ 1,433,000		
Spotsylvania County	Rte. 608 over Massaponax Creek	SC-608	n/a	n/a						N/A	Replace Culvert			

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Stafford County	Poplar Road Intersection Improvement	SC-616	Poplar Rd	Cedar Hill Ln	100622			X	X	2021	Reconstruct intersection to meet current standards	\$ 2,021,621		
Stafford County	Berea Church Road Reconstruction	SC-654	Turslow Road	Warrenton Road	107194			X	X	2025	Reconstruct roadway without added capacity	\$ 6,100,000	Update cost estimate to \$7,529,751	
City of Fredericksburg	#SMART20 Dixon St/Lansdowne Rd Intersection Improvements		n/a	n/a	115119			X			Intersection Improvements	\$ 2,200,000		
Stafford County	Rte 644 Bridge Replacement	SC-644	Aquia Creek	Aquia Creek	113851			X			Replace Bridge	\$ 5,100,000		
Stafford County	Stefangia Rd/Mountain View Rd Intersection Improvement		n/a	n/a	115122			X			Intersection Improvement	\$ 3,700,000	Update cost estimate to \$7,843,000	
Stafford County	Leeland Road Widening	SC-626	Julian Dr	Walnut Dr							Roadway widening for two-way left turn lane	\$ 7,007,000		
Stafford County	Layhill Rd & Route 1		Route 1	Forbes St							Intersection improvements & widening of Layhill Road	\$ 8,500,000	Leave as is; CLRP currently encompasses Smart Scale Project	Minor widening of US-1 for turn lane and access management improvements at Layhill Rd and Heritage Commons Dr. Add a right turn lane on Layhill Road at US-1 and a new left turn lane into the gas station/bank on the corner of US-1 & Layhill. New turn lanes at intersection with Forbes Street. New pedestrian sidewalks along US-1 in front of the gas station/bank and along north side of Layhill Rd to Forbes St. Project will construct a covered bus shelter for FRED transit stop along US-1
Stafford County	Onville Road Widening	SC-641	Worth Ave	Hulvey Dr							Roadway widening for two-way left turn lane	\$ 15,700,000	Update cost estimate to \$10,865,729	
Stafford County	Mountain View Road Improvements	SC-627	Choptank Rd	Kellogg Mill Rd							3R project to improve geometry and increase safety	\$ 26,195,000		
Stafford County	Garrisonville Road Widening	SC-610	Eustace Rd	Shelton Shop Rd				X		2045	Widen to 6 lanes with sidewalk	\$ 29,500,000	Update cost estimate to \$52,394,122	
Spotsylvania County	Germanna Point Dr Extension	SC-1029	Current Terminus	Spotsylvania Ave				X		2045	Extend 2-lane road with bike/ped accommodations	\$ 27,000,000		
TOTAL:												\$ 298,188,411		
Local Roads Projects														
Stafford	Rte 2200 over Stream	SC-2200	n/a	n/a					X	N/A	Replace Culvert			
City of Fredericksburg	Gateway Boulevard Extension	FR-693	Rte 3	Fall Hill Ave				X		2035	New 4 Lane Divided Roadway Alignment. Include a bike/ped bridge at Rte. 3	\$ 62,000,000		
Spotsylvania County	Lee Hill School Dr and Old Dominion Pkwy Intersection Improvements	SC-635	n/a	n/a	110900					N/A	Safety Improvements	\$ 658,000		
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			X	X	N/A	Replace Bridge	\$ 2,834,580		
City of Fredericksburg	Carl D. Silver Pkwy Extension		Current Terminus	Int. with Gordon W. Shelton BLVD				X		2035	Extend 4-lane divided road with bike/ped accommodations	\$ 5,662,000		
Spotsylvania County	Secondary Access North of Route 606	SC-2092/2087	Rte 606	Dan Bell Lane	111456				X	N/A	Construct service road north of Rte 606	\$ 7,820,000		
Spotsylvania County	Rte 1470 Culvert Replace		Bloomsbury Lane		113807			X			Replace Culvert	\$ 2,800,000		
Stafford County	Morton Road Widening		Leeland Rd	Cherry Laurel Dr							Roadway widening for two-way left turn lane	\$ 6,460,000	Update cost estimate to \$3,200,000	
Spotsylvania County	Bridge over I-95		0.1 mile West of I-95	0.1 mile East of I-95				X	X	2035	Bridge between Jackson Village & Alexander's Crossing developments. 4 lanes with bike/ped accommodations	\$ 15,000,000		
TOTAL:												\$ 103,234,580		
Bicycle and Pedestrian Projects														
Multi-Jurisdictional	Bike Share Plan Capital Costs		n/a	n/a				X		N/A	Implement bike share program in Fredericksburg area	\$ 684,000		
Stafford County	Courthouse Rd Sidewalk Project		Rad Oak Dr	US 1	17570, 107551, 108077, 112311			X		N/A	Construct shared-use path	\$ 6,950,959		
Stafford County	Onville Road Sidewalk Project		Stafford Mews Ln	Garrisonville Ln	111224				X	N/A	Construct Sidewalk	\$ 1,050,000		
Stafford County	Manning Drive Sidewalks		Belmont	Ferry Farm	17570, 107551, 108077, 112311			X		N/A	Construct shared-use path	\$ 6,950,959		
Stafford County	Upgrades on Leeland Road		Deacon Rd	1.03 Mi N of Deacon Road	109477			X		N/A	Construct new bike lanes	\$ 3,350,000		
Stafford County	Manning Drive Sidewalks		James Madison Dr	Forbes St	113837			X		N/A	Construct sidewalk adjacent to Manning Dr	\$ 426,000		
Stafford County	Lichfield Blvd Sidewalks		Harrogate Rd	Plantation Dr	113837			X		N/A	Construct sidewalk adjacent to Lichfield Blvd	\$ 162,000		
Stafford County	Flatford Road Sidewalks		Parkway Blvd	Winding Creek Rd	113561					N/A	Construct sidewalk adjacent to Flatford Rd	\$ 900,000		
Stafford County	Butler Road Sidewalks		Carter St	St. Clair Brooks Park						N/A	Construct sidewalk adjacent to Butler Rd	\$ 530,000		
Stafford County	Deacon Road Sidewalks		VDOT District Office	Leeland Rd						N/A	Construct sidewalk adjacent to Deacon Rd	\$ 1,050,000		
Stafford County	Crossing Improvements at Kings Highway and Cool Springs Road/Jett Drive		n/a	n/a						N/A	Construct 3 crosswalks and install pedestrian signal	\$ 160,000		
Stafford County	Warrenton Road (US 17 BUS) Sidewalks		I-95	US 1						N/A	Construct sidewalk adjacent to Warrenton Rd	\$ 1,161,000		
City of Fredericksburg	Fall Hill Ave - Riverside Manor Connector - Sidewalks		Carl D. Silver Pkwy	Fall Hill Ave/ Vidalia St	113838			X		N/A	Riverside Manor Connector - Sidewalks	\$ 175,000		
City of Fredericksburg	Riverfront Corridor Connector		Rappahannock River Heritage Trail	Lafayette Blvd						N/A	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	\$ 264,000		

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City of Fredericksburg	VCR Trail Bridge over Blue & Gray Parkway		n/a	n/a					X	N/A	Construct bike/ped bridge over Blue & Gray Pkwy near VCR Trail	\$ 250,000		
City of Fredericksburg	Kenmore Ave Bike Improvements		Lafayette Blvd	Rappahannock Canal Path						N/A	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	\$ 103,000		
City of Fredericksburg	East-West Bike Boulevard		Rowe St and Stafford Ave	Sophia Street						N/A	Utilize traffic calming techniques to create bike boulevard from FRED Central to Sophia St	\$ 785,000		
City of Fredericksburg	Idlewild Shared-Use Path		Idlewild Neighborhood	VCR Trail						N/A	Construct paved (natural surface) shared-use path connecting Idlewild to VCR Trail	\$ 62,000		
City of Fredericksburg	Virginia Central Railway Trail Bridge		n/a	n/a	109574				X	N/A	Construct bike/ped bridge	\$ 542,000		
City of Fredericksburg	Twin Lake/Kensington/Ped Counter		St Paul St	Twin Lake Dr	110932				X	N/A	Construct shared-use path	\$ 1,981,550		
City of Fredericksburg	Hospital Drive Shared-Use Path		Cowan Blvd	Rappahannock Canal Path						N/A	Construct shared-use path adjacent to Hospital Dr	\$ 542,000		
City of Fredericksburg	Downtown Fredericksburg Pedestrian Improvements		n/a	n/a	111804				X	N/A	Street light upgrades, sidewalk reconstruction, crosswalk upgrades and market square alley improvements	\$ 2,550,000		
Spotsylvania County	US 1 and Spotsylvania Parkway Intersection Improvements		n/a	n/a						N/A	Construct shared-use path along Spotsylvania Pkwy, repaint 5 crosswalks and install pedestrian signal	\$ 542,000		
Spotsylvania County	Salem Church Road Shared-use Path and Sidewalk		Rte 3	Harrison Rd						N/A	Construct shared-use path and sidewalk along Salem Church Rd. Install 3 crosswalks and pedestrian signal at Rt. 3 and Salem Church Rd	\$ 288,000		
Spotsylvania County	Harrison Rd and Leavells Rd/Salem Church Rd Intersection Improvements		n/a	n/a						N/A	Install 3 crosswalks and pedestrian signals. Construct shared-use path to VCR Trail	\$ 520,000		
Spotsylvania County	Smith Station Road Shared-Use Path		Leavells Rd	1,000 ft west of Leavells Rd						N/A	Construct shared-use path and repair crosswalks at Smith Station Rd and Spotsylvania Pkwy	\$ 600,000		
Spotsylvania County	Harrison Rd and Gordon Rd Intersection Improvements		n/a	n/a						N/A	Construct a shared-use path from VCR Trail to intersection. Install 3 crosswalks and a pedestrian signal	\$ 700,000		
Spotsylvania County	Smith Station Road Sidewalk		Spotsylvania Pkwy	Existing Sidewalk						N/A	Construct sidewalk along Smith Station Rd from existing sidewalk south of Spotsylvania Pkwy to Spotsylvania Pkwy	\$ 137,000		
Spotsylvania County	Spotswood Furnace Road Sidewalk		Riverbend High School	Rte 3						N/A	Construct sidewalk along Spotswood Furnace Rd	\$ 69,000		
Spotsylvania County	Spotsylvania Courthouse Village Streetscape - Phase II				110488					N/A	Construct sidewalks and other ped infrastructure	\$ 1,118,773		
Spotsylvania County	Spotswood Furnace Rd Sidewalks		Rte 3	Spotswood Furnace Rd	113991				X	N/A	Construct sidewalks	\$ 950,000		
Stafford County	Staffordboro Boulevard Sidewalk		VDOT Commuter Lot	Pike's Place							Construct sidewalk	\$ 1,077,500		
Stafford County	Salisbury Drive Sidewalk		Garrisonville Rd	Mine Rd Commuter Lot							Construct sidewalk	\$ 893,700	Update cost estimate to \$952,000	
Stafford County	Belmont-Ferry Farm Trail Phase 6		River Rd	Cool Springs Dr	112311							\$ 2,670,000		
City of Fredericksburg	VCR Trail Bridge over U.S. 1 Bypass										Construct bike/ped bridge over U.S. 1 Bypass near VCR Trail	\$ 1,000,000		
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	\$ 600,000	Adjust cost estimate to reflect Smart Scale project cost (\$5,139,574) Corrected 3/31/2021 (originally listed Idlewild SUP)	Construct a ten-foot wide multi-use, asphalt trail on the west side of US Route 1 Bypass, approximately 1,000 feet in length. Install a 70-foot steel bridge, 10 feet wide, across Hazel Run. Install signalized pedestrian crossings at King's Mill Drive and Idlewild Blvd.
TOTAL:												\$ 41,795,441		
State of Good Repair (SGR) Projects														
Stafford County, Spotsylvania County	State of Good Repair (SGR) projects from 2025 to 2045										Maintenance of pavements and bridges	\$ 100,000,000		
City of Fredericksburg	State of Good Repair (SGR) projects from 2025 to 2045										Maintenance of pavements and bridges	\$ 38,000,000		
TOTAL:												\$ 138,000,000		
GRAND TOTAL												\$ 2,108,591,923		

Projects highlighted in green are affected by the staff recommended funding scenario for Smart Scale Round 4 (FY22)

Projects highlighted in purple contain other proposed changes to bring the project list up to date

Draft 2045 LRTP Amendment - Staff Comments

FAMPO 2045 CONSTRAINED TRANSIT/TDM PROJECT LIST							FAMPO Staff Comment
Jurisdiction	Project/Corridor	VDOT UPC #	Regionally Significant	Committed Projects	Project Description	2018 Cost Estimate	
Transit Projects							
Multi-jurisdictional	New Commuter Bus Routes				Implement two new commuter bus routes from FAMPO Region to Northern Virginia and Washington D.C., with 8 total trips. Exact routes TBD	\$ 4,000,000	
Stafford County	Garrisonville to Quantico Bus Route				New service from Garrisonville commuter lots to Quantico	\$ 245,000	Suggest removal, project discontinued
City of Fredericksburg	Downtown Fredericksburg Circulator				New service around the Downtown Fredericksburg area	\$ 400,000	
Spotsylvania County	FRED Transit Lee Hill Transfer Center				Construct transfer station near Market St and Wensel Rd	\$ 500,000	
Stafford County	Brooke VRE Station Platforms + Ped Bridge + Ped/Bike Access	111883		X	Expand existing platform, construct second platform and add bike/ped accommodations	\$ 23,391,019	
Stafford County	Leeland Road VRE Station Platforms + Ped Bridge + Ped/Bike Access	111884		X	Expand existing platform, construct second platform and add bike/ped accommodations	\$ 15,257,090	
Multi-jurisdictional	#SMART20 - FRED Transit Shelters and Benches	115177			Transit shelters and benches at various locations	\$ 256,000	
TDM Projects							
Multi-jurisdictional	Regional Commuter Lot Improvements				Miscellaneous commuter lot Improvements regionwide	\$ 100,000	
Multi-jurisdictional	GWRideConnect/TDM Assistance	103685	X			\$ 1,595,604	
Stafford County	Leeland Road VRE Station Parking Expansion	111885	X	X	Expand existing parking lot by 225 spaces	\$ 5,519,179	
Stafford County	New Chatham Heights Road Commuter Lot				Construct new 80-space lot on Chatham Heights Road	\$ 2,100,000	
Stafford County	New Route 3 East Commuter Lot				Construct new 150-space lot on Route 3 in eastern Stafford County	\$ 3,000,000	
Stafford County	New Warrenton Road (US 17 Bus.) Commuter Lot		X		Construct new 1000-space lot on US 17 Business near Olde Forge Drive	\$ 20,000,000	
Stafford County	Mine Road Commuter Lot Expansion		X		Expand existing parking lot by 400 spaces	\$ 11,700,000	
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)	\$ 17,101,000	
Regionwide	GWRideConnect Leased Commuter Parking Spaces [New to CLRP]	87764			Annual lease of commuter parking spaces throughout the region	\$ 425,000	Add project to CLRP to align with VDOT SYIP; assumes \$17k/yr until 2045
Total						\$ 105,589,892	

Projects highlighted in purple contain other proposed changes to bring the project list up to date

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FAMPO 2045 CONSTRAINED PE/STUDIES LIST								
Jurisdiction	Project	Study Limits		VDOT UPC #	Study/Improvements Description	Cost Estimate (2018 Dollars)	FAMPO Staff Comment	Smart Scale Description
		From	To					
Region-wide	95 Express Lanes Extension	US-17 Interchange (Exit 133)	US 1 Interchange (Exit 126)		Study extending the 95 Express Lanes to Massaponax	\$ 1,000,000		
Region-wide	I-95 Interchange Improvements (Region-wide)				For any potential interchange study region-wide	\$ 2,000,000		
Stafford County	I-95 Exit 143 Interchange Modification Report				Modify interchange to include direct connect ramp to 95 Express Lanes	\$ 1,000,000		
Spotsylvania County	Harrison Road Interchange Justification Report				Study new I-95 interchange at Harrison Road	\$ 1,000,000		
Fredericksburg	Celebrate Virginia South Interchange Justification Report				Study new I-95 interchange at Celebrate VA South	\$ 500,000		
Region-wide	Northbound Rappahannock River Crossing Interchange Modification Report	Exit 130	Exit 133	112520	IMR for CD Lanes and Bridges Northbound I-95 over Rappahannock River from Exit 130 (Rte 3) to Exit 133 (Rte 17)	\$ 250,000		
Region-wide	US-1 Widening/Operational Improvements (Region-wide)	Telegraph Rd North Intersection	Mudd Tavern Rd		For any potential widenings/operational improvements region-wide	\$ 1,000,000		
Stafford County	Mine Road Extension	Courthouse Road (630)	US 17		Widen to 4 lanes divided with bike/ped accommodations	\$ 500,000		
Spotsylvania County	Mills Dr (US 17) Widening	Hospital Blvd/Germanna Point Dr	Tidewater Trail/Sandy Lane Dr (Rte 2)		Widen to 4 lanes divided with bike/ped accommodations	\$ 1,000,000		
Region-wide	Lafayette Blvd Improvements/Widening	Rte 3	US 1		Widen to 4 lanes divided with bike/ped accommodations	\$ 1,000,000		
Region-wide	Corridor Study Rte 1 and Rte 208			107192	Determine Improvements for corridor	\$ 400,000		
Region-wide	Corridor Study Rte 2 and Rte 17 BUS	City Limits	US 17 (Mills Dr.)	107193	Determine Improvements for corridor	\$ 400,000		
Spotsylvania County	Rte 3 - Commuter Parking Lot Study			104923	Determine location & scope of new PNR lot	\$ 500,000		
Fredericksburg	Fredericksburg VRE Station Access/Parking Structure Study			102987	Study creating new access to Fredericksburg Train Station parking & expanding parking	\$ 250,000		
Districtwide	REGIONALLY SIGNIFICANT PROJECTS STUDY	n/a	n/a	113914	Study	\$ 2,095,218		
Statewide	VEHICLE FUEL CONVERSION PROGRAM MARKETING	n/a	n/a	T20741	Marketing			
Fredericksburg	#SGR - CHATHAM BRIDGE DETOUR	n/a	n/a	114770	Detour	\$ 500,000		
Statewide	Traffic Video Expansion - Statewide	n/a	n/a	110551	Traffic Video			
Statewide	Statewide Truck Parking Management System - Phase 1	n/a	n/a	110912	Truck parking system			
Statewide	Statewide Truck Parking Management System - Phase 2	n/a	n/a	111613	Truck parking system			
Statewide	ATMS - Phase 1, 2, 3, 4	n/a	n/a	111892	Traffic Management			
Statewide	Drone Technology Project	n/a	n/a	114400	Drone			
Statewide	ITTF FY20 I-95 VSL Compliance Monitoring	n/a	n/a	115850	Compliance			
Statewide	ITTF FY20 Arterial Operations Program Dashboard	n/a	n/a	115854	Operations			
Statewide	ITTF FY20 High Speed Communications	n/a	n/a	115855	ITS communications			
Districtwide	CN;SAFETY/ITS/OPERATIONAL/IMPROVEMENTS	n/a	n/a	T18969		\$ -		
Districtwide	ROADWAY DEPARTURE - CURVE COUNTERMEASURES - DISTRICTWIDE	n/a	n/a	107196	Safety countermeasures	\$ 1,500,000		
Districtwide	CROSSOVER MUTCD COMPLIANCE SIGNING	n/a	n/a	112893	Singage compliance	\$ 554,690		
Districtwide	TRAFFIC SIGNAL MUTCD COMPL. UPGRADES (PE ONLY)	n/a	n/a	113423	Signal compliance	\$ 750,000		
Districtwide	TRAFFIC SIGNAL MUTCD UPGRADES (CN ONLY)	n/a	n/a	113920	Signal upgrades	\$ 1,085,310		

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FAMPO 2045 CONSTRAINED PE/STUDIES LIST								
Jurisdiction	Project	Study Limits		VDOT UPC #	Study/Improvements Description	Cost Estimate (2018 Dollars)	FAMPO Staff Comment	Smart Scale Description
		From	To					
Spotsylvania County	ACTUATED FLASHER AT VARIOUS LOCATIONS	n/a	n/a	110865	Safety	\$ 701,000		
Statewide	PEDESTRIAN IMPROVEMENTS AT PRIORITY CORRIDOR STATEWIDE	n/a	n/a	114193	Pedestrian improvements	\$ -		
Spotsylvania County	Route 1 Massaponax STARS Corridor Study	Mine Rd	Guinea Station Rd	115613	Corridor study	\$ 100,000		
Stafford County	Route 1 North Stafford Stars Corridor Study	Rte 631	Port Aquia Dr	115178	Corridor study	\$ 100,000		
Fredericksburg	RT 3/360 DISTRICTWIDE SHOULDER RUMBLE STRIPS	Blue-Gray Parkway/Stafford	Rte 360 Ramp/Essex	110864	Safety improvement	\$ 980,000		
Fredericksburg	INSTALL RETRO-REFLECTIVE BACK PLATES -- DISTRICTWIDE	n/a	n/a	110863	Safety improvement	\$ 1,625,000		
Districtwide	ADAPTIVE CAPABLE SIGNAL CONTROLLERS	n/a	n/a	112530	Signals	\$ 440,000		
Districtwide	SIGNAL REBUILDS	n/a	n/a	112892	Signals	\$ 1,300,000		
Districtwide	PEDESTRIAN CROSSINGS & SIGNAL SAFETY MODIFICATIONS	n/a	n/a	112894	Pedestrian safety	\$ 148,983		
Districtwide	PEDESTRIAN CROSSINGS & SIGNAL SAFETY MODIFICATIONS	n/a	n/a	113542	Pedestrian safety	\$ 151,017		
Districtwide	INSTALL ADVANCED SIGNAL CONTROL TECHNOLOGY AND COMMUNICATION	n/a	n/a	114334	Signals	\$ -		
Stafford County	TRENCH WIDENING - VARIOUS LOCATIONS	n/a	n/a	113367		\$ 649,892		
Fredericksburg	FYA CONVERSION OF 25 TRAFFIC SIGNALS	n/a	n/a	110824	Signals	\$ 495,000		
Fredericksburg	Corridor Study for Gateway Blvd	n/a	n/a	114814	Study	\$ 62,500		
Districtwide	CN: TRANSIT AMENITIES	n/a	n/a	T18989	Transit improvements	\$ -		
Statewide	Rail Construction	n/a	n/a	T18967	Rail construction	\$ -		
Districtwide	Highway-Rail Safety Inventory Section 130 PE Only	n/a	n/a	112018	Study	\$ 700,000		
Statewide	Highway-Rail Section 130 Pre Scoping PE Only	n/a	n/a	112213	Study			
Statewide	ENVIRONMENTAL EQ429 FORM PROCESSING CHARGES	n/a	n/a	112497	Form processing			
Spotsylvania County	Rte 1/208 Area Multimodal and Revitalization Improvements - PE Only [New to CLRP]			T24756	Intersection improvements, access management improvements, new sidewalks	\$ 2,165,562	Add project as a study for this 2045 CLRP amendment so PE can begin; add full project to constrained highway list in early 2022 via 2050 LRTP update	Intersection safety and capacity improvements at Route 1 and 208/Lafayette Blvd including lengthening of LTLs on NB and SB Rte 1, provision of DLTs on EB and WB approaches, access management and new sidewalks. Also includes Route 1 Revitalization which features new sidewalks to fill in gaps along Rte 1 between Market Street and Four Mile Fork and NB Lafayette Blvd to Spotswood Baptist Church. It also includes streetscape improvements.
Spotsylvania County	Route 208 Operational and Multimodal Improvements - PE Only [New to CLRP]			N/A	Provide 3 thru-lanes WB on Rte 208 between Hood Dr and Woodland Dr as well as Triple-LTLs on Southpoint Pkwy NB at Rte 208; 208 PNR lot improvements; and additional FRED S4 service	\$1,650,264	Add project as a study for this 2045 CLRP amendment so PE can begin; add full project to constrained highway list in early 2022 via 2050 LRTP update	Provide 3 thru-lanes WB on Rte 208 between Hood Dr and Woodland Dr. Provide Triple-LTLs on Southpoint Pkwy NB at Rte 208. VRE feeder bus is proposed from the Rte 208 PNR lot to the Fredbg VRE station, withimps. at the Rte 208 PNR lot to include the replacement of the transit shelter with LED solar lighting, 10 bicycle lockers, 10 covered bicycle parking and new signage. Also FRED S4 Service during weekday off-peak to reduce headways from 60 to 30 min.
Spotsylvania County	NW Quadrant Roadway at US Rte 1/Hood Drive/Mine Rd [New to CLRP]	0.25 mi north of US 1/Hood Dr/Mine Rd Intersection	0.15 mi south of US 1/Hood Dr/Mine Rd Intersection	118612	Construct an innovative intersection called a quadrant roadway for the US Rte 1/Hood Dr/Mine Rd intersection with the quadrant positioned on the Northwest side of the intersection. Construct a new signalized intersection for the US Rte 1/Quadrant Roadway intersection and a 2-lane roundabout at the Hood Dr/Quadrant Roadway intersection. Additionally, provide US Rte 1 access management improvements including a median to prevent left turns near the intersection.	\$ 1,268,832	VA Clinic Project; Add project as a study for this 2045 CLRP amendment so PE can begin; add full project to constrained highway list in early 2022 via 2050 LRTP update	

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FAMPO 2045 CONSTRAINED PE/STUDIES LIST							FAMPO Staff Comment	Smart Scale Description
Jurisdiction	Project	Study Limits		VDOT UPC #	Study/Improvements Description	Cost Estimate (2018 Dollars)		
		From	To					
Spotsylvania County	I-95 Exit 126 Diverging Diamond Interchange [New to CLRP]	Exit 126 Interchange	Exit 126 Interchange	118612	Study	\$4,676,840	VA Clinic Project; Add project as a study for this 2045 CLRP amendment so PE can begin; add full project to constrained highway list in early 2022 via 2050 LRTP update	
Spotsylvania County	I-95 Exit 126 Interchange Access Report [New to CLRP]	Exit 126 Interchange	Exit 126 Interchange	118612	Study	\$ 2,623,075	VA Clinic Project; Add project as a study for this 2045 CLRP amendment so PE can begin; add full project to constrained highway list in early 2022 via 2050 LRTP update	
TOTAL:						\$ 34,500,108		

Note: Cost estimates are not included for statewide projects

Projects highlighted in green are affected by the staff recommended funding scenario for Smart Scale Round 4 (FY22)

Projects highlighted in purple contain other proposed changes to bring the project list up to date