

Table 7.4

## FAMPO 2040 CONSTRAINED HIGHWAY PROJECT LIST

Project Score (out of 100)	Project	Route Number	Boundaries		Length (Miles)	UPC #	Contained in 2035 Constrained Plan	Regionally Significant	Contained in TIP	Improvement Description	Estimated YOEA	Total Cost (Inflated to YOEA)	2040 CLRP Allocation*	Potential Funding Sources	Notes	
			From	To												
<b>Interstate Projects</b>																
75	Courthouse Rd. Interchange	I-95/SC-630			1.5	13558	X	X	X	Construct new Courthouse Rd. Interchange	2021-2025	\$ 168,205,000	\$ 127,531,000	S,F	\$40,674,000 programmed in current TIP*	
53	I-95 Express Lanes (Northern Segment)	I-395/I-95	One Mile north of Edsall Rd.	Garrisonville Rd. (Exit # 143)	28.0	103106;70849;102700	X	X	X	Add 2 reversible HOV/HOT lanes to I-95	2015	\$ 1,071,445,000	\$ 1,071,445,000	S,F,P,TU	Dedicated funding source, not included in FAMPO revenue projections	
47	I-95HOV/HOT Lanes	I-95	Garrisonville Rd. (Exit # 143)	I-95 Interchange # 126	18.0		X	X		Add HOV Lanes to I-95 in both the north and southbound direction	2021-2025	\$ 1,048,110,000	\$ 1,048,110,000	S,F,L,P,TU	Cost in 2012 \$ - \$735 M	
45	I-95 Shoulder Running Lane Improvements	I-95	I-95 MM # 145	I-95 MM # 139	6.0			X		Improve both north and south bound inside shoulders for use as a travel lane during peak periods	2016-2020	\$ 20,000,000	\$ 20,000,000	S,F		
90*	I-95 ICM Program Improvements (ITS)	I-95	I-95 MM # 145	I-95 MM # 126	19.0					Improved ITS on I-95 & Arterials	2016-2020	\$ 4,200,000	\$ 4,200,000	S,F	*FAMPO CMAQ/RSTP Project Scoring System used due to nature of project.	
<b>TOTAL:</b>												\$ 2,311,960,000	\$ 2,271,286,000			
<b>Principal Arterial Projects</b>																
89	Falmouth Bridge Replacement (st)	US-1	US-17/PR-218	Princess Anne St.	0.4		X	X		Replace Falmouth Bridge to a 6 lane facility with bike/ped accommodations	2021-2025	\$ 51,049,000	\$ 51,049,000	S,F,L		
85	US-17 Widening (st)	US-17	McLane Drive	Stafford Lakes Parkway	2.9	71774	X	X	X	Widen from 4 to 6 lanes with pedestrian accommodations	2016-2020	\$ 50,056,000	\$ 2,011,000	S,F,L	\$48,045,000 programmed in current TIP*	
85	Falmouth Intersection Improvements (st)	US-1/US-17/PR-218			0.5	57044	X	X	X	Construct turn lanes on all intersection legs	2016-2020	\$ 24,528,000	\$ 5,462,000	S,F	\$19,066,000 programmed in current TIP*	
77	US-17 (Mills Dr.) Widening (sp)	US-17	Bridge over I-95	Caroline Co. Line	7.3		X	X		Widen to 4 lanes divided bike/ped accommodations & replace bridge over I-95	2026-2030	\$ 67,447,000	\$ 67,447,000	S,F,L		
69	William St. Widening (fr)	PR-3	Gateway Blvd.	William St./Blue Gray Pkwy.	0.8			X		Widen PR-3 to 6 lanes divided with bike/ped accommodations	2026-2030	\$ 28,122,000	\$ 28,122,000	S,F,L		
68	US-1 over Canal Bridge Replacement (fr)	US-1			0.03	90077			X	Replace bridge, no added capacity	2016-2020	\$ 4,351,000	\$ 3,751,000	S,F,L	\$600,000 programmed in current TIP*	
63	Courthouse Rd. Widening (sp)	PR-208	US-1	Smith Station Rd. (SC-628)	3.7		X			Widen Courthouse Rd. to 6 lanes divided with bike/ped accommodations(dist. F5)	2036-2040	\$ 111,383,000	\$ 111,383,000	S,F,L		
63	US-1 over PR-3 Bridge Replacement (fr)	US-1			0.4	85956			X	Replace bridge, no added capacity	2016-2020	\$ 6,036,000	\$ 5,436,000	S,F,L	\$600,000 programmed in current TIP*	
63	US-1 over Hazel Run Bridge replacement (fr)	US-1			0.1	100444			X	Replace bridge, no added capacity	2016-2020	\$ 3,936,000	\$ 3,472,000	S,F,L	\$464,000 programmed in current TIP*	
53	US-1 Widening (st)	US-1	Telegraph Rd. (N. Intersection)	PWC Line	1.0	100456	X	X	X	Widen from 4 to 6 lane facility with bike/ped accommodations	2021-2025	\$ 35,000,000	\$ 34,131,000	S,F,L	\$869,000 programmed in current TIP*	
44	US-17 Widening (st)	US-17	Stafford Lakes Parkway	Hartwood Rd. (SC-612)	3.5		X	X		Widen from 4 to 6 lane facility with paved shoulders	2036-2040	\$ 51,347,000	\$ 51,347,000	S,F,L		
<b>TOTAL:</b>												\$ 433,255,000	\$ 363,611,000			
<b>Urban Minor Arterial Projects</b>																
71	Harrison Rd. Widening (sp)	SC-620	Lafayette Blvd.	Salem Church Rd.	2.2					Widen from 2 to 4 lane facility with bike/ped accommodations	2021-2025	\$ 28,520,000	\$ 28,520,000	S,F,L	Improvement to be coordinated with ongoing US-1/SC620 intersection project	
71	Lafayette Blvd. Improvements Phase I (fr)	US-1 BUS	Sophia St.	Blue & Gray Pkwy.	1.2					Roundabout at the intersection of Kenmore Ave. and streetscape, parking, and bike/ped improvements	2021-2025	\$ 5,160,000	\$ 5,085,000	S,F,L	\$75,000 programmed in current TIP under UPC # 100439*	
70	Tidewater Trail (US-17/PR-2) Widening (sp)	US-17/ PR-2	Fredericksburg City Line	US-17 Bypass	4.0		X	X		Widen Tidewater Trail from 2 to 4 lanes with bike and ped accommodations	2036-2040	\$ 59,040,000	\$ 59,040,000	S,F,L		
68	Princess Anne St. Improvements Phase II (fr)	US-1/17	US-1	Herndon St.	0.7	100459	X		X	Road Resurfacing, drainage improvements	2016-2020	\$ 1,480,000	\$ 734,000	S,F	\$746,000 programmed in current TIP*	
62	Chatham Bridge Replacement (fr/st)	PR-3			0.2					Replace Bridge and include bike/ped accommodation, no added capacity	2031-2035	\$ 42,978,000	\$ 42,978,000	S,F,L		
<b>TOTAL:</b>												\$ 137,178,000	\$ 136,357,000			
<b>Urban Collector Projects</b>																
79	Courthouse Rd. Widening (st)	SC-630	Austin Ridge Dr.	Winding Creek Dr.	2.3	4632	X		X	Widen Courthouse Rd. to a 4-lane facility with bike/ped accommodations	2026-2030	\$ 38,215,000	\$ 38,215,000	S,F,L		

Project Score (out of 100)	Project	Route Number	Boundaries		Length (Miles)	UPC #	Contained in 2035 Constrained Plan	Regionally Significant	Contained in TIP	Improvement Description	Estimated YOE^	Total Cost (Inflated to YOE)	2040 CLRP Allocation*	Potential Funding Sources	Notes
			From	To											
77	Fall Hill Ave/Mary Washington Blvd (fr)	UR-3965	US-1(Via Mary Washington Blvd.)	Gordon Shelton Blvd.	1.6	88699	X		X	Widen Fall Hill Ave to a 4 lanes with bike/ped accommodations and extend Mary Washington Blvd.	2016-2020	\$ 47,726,000	\$ 11,094,000	S,F,L	\$36,632,000 programmed in current TIP*
76	Butler Rd Widening (st)	PR-218	US-1	Chatham Heights Rd.	1.1		X	X		Widen Butler Rd. to 4 lanes divided with bike/ped accommodations	2026-2030	\$ 20,292,000	\$ 20,292,000	S,F,L	
70	Onville Rd. Improvements (st)	SC-641	Garrisonville Rd. (SC-610)	MCB Quantico	1.2		X			Operational improvements, turn lanes, bike/ped accommodations and access management	2021-2025	\$ 6,927,000	\$ 6,927,000	S,F,L	
69	Leavells Rd. Widening (sp)	SC-639	Courthouse Rd. (PR-208)	Smith Station Rd. (SC-628)	2.6		X			Widen Leavells Rd. from 2 to 4 lanes divided with bike/ped accommodations	2031-2035	\$ 47,868,000	\$ 47,868,000	S,F,L	
68	Ferry Rd. Improvements (st)	(SC-606)	Kings Hwy. (PR-3)	Brooke Rd. (SC-608)	3.4		X			Operational improvements, turn lanes, bike/ped accommodations and access management	2031-2035	\$ 13,310,000	\$ 13,310,000	S,F,L	
66	Smith Station Rd. Widening (sp)	SC-628	Gordon Rd. (SC-627)	Massaponax Church Rd. (SC-608)	5.9		X			Widen Smith Station Rd. to 4 lanes divided with bike/ped accommodations	2031-2035	\$ 86,298,000	\$ 86,298,000	S,F,L	
64	Courthouse Rd. Widening (st)	SC-630	Winding Creek Dr.	Shelton Shop Rd. (SC-648)	1.5		X			Widen Courthouse Rd. to a 4-lane facility with bike/ped accommodations	2031-2035	\$ 27,804,000	\$ 27,804,000	S,F,L	
60	Shelton Shop Rd. Widening (st)	SC-648	Garrisonville Rd. (SC-610)	Mountain View Rd. (SC-627)	2.2		X			Widen Shelton Shop Rd. to 4 lanes with bike/ped accommodations	2031-2035	\$ 39,119,000	\$ 39,119,000	S,F,L	
60	Gateway Blvd. Extended (fr)	UR-3695	William St. (PR-3)	Fall Hill Ave	1.1		X			New 4-lane divided roadway with bike/ped accommodations	2026-2030	\$ 30,174,000	\$ -	P	To be funded through development proffers no federal funding anticipated.
59	Harrison Rd. Widening (sp)	SC-620	Gordon Rd. (SC-627)	Old Plank Rd. (SC-610)	0.2		X			Widen Harrison Rd. to 4 lanes with bike/ped accommodations	2021-2025	\$ 4,251,000	\$ -	P	To be funded through development proffers, no federal funding anticipated.
58	Truslow Rd. Improvements	SC-652	Poplar Rd. (SC-616)	US-1	6.7		X			Operational improvements, turn lanes, bike/ped accommodations and access management	2036-2040	\$ 36,471,000	\$ 36,471,000	S,F,L	
54	Hood Dr. Widening (sp)	SC-636	Courthouse Rd. (PR-208)	US-1	0.4		X			Widen to 4 lanes with bike/ped accommodations	2021-2025	\$ 7,362,000	\$ 7,362,000	S,F,L	
53	Telegraph Rd. Improvements (st)	SC-637	Russell Rd.	US-1 via Woodstock Ln	3.9		X			Operational improvements, turn lanes, bike/ped accommodations and access management	2036-2040	\$ 23,538,000	\$ 23,538,000	S,F,L	
TOTAL:												\$ 429,355,000	\$ 358,298,000		
<b>Rural Minor Arterial Projects</b>															
62	US-1 Bridge over Potomac Creek (st)	US-1			0.0	102936			X	Replace bridge, no added capacity	2016-2020	\$ 4,150,000	\$ 2,040,000	S,F,L	\$2,110,000 programmed in current TIP*
TOTAL:												\$ 4,150,000	\$ 2,040,000		
<b>Rural Major Collector Projects</b>															
67	Mudd Tavern Rd. over I-95 Bridge Replacement (sp)	SC-606			0.6	100829			X	Replace bridge over I-95, no added capacity	2016-2020	\$ 6,800,000	\$ 6,200,000	S,F,L	\$600,000 programmed in current TIP*
TOTAL:												\$ 6,800,000	\$ 6,200,000		
<b>Transportation System Management/Park and Ride Lots</b>															
	TSM/Park and Ride Lots						X				2016-2040	\$ 138,674,000	\$ 138,674,000	S,F,L	CMAQ & RSTP Funds and Remainders of State/Fed and Local Funds
TOTAL:												\$ 3,461,372,000	\$ 3,276,466,000		

\* Funds already programmed in FY12-15 TIP are not included in CLRP Project Allocations, See Notes Column for Programmed TIP Funds

^YOE - Year of Expenditure

Potential Funding Sources: S-State, F-Federal, L-Local, P-Private, TU-Tolls/User Fees

TSM: Transportation System Management

Table 7.5

<b>FAMPO 2040 CONSTRAINED PE/STUDIES LIST</b>					
Project/Corridor	Study Limits		Cost Band	YOE Cost^	Study/Improvement Description
	From	To			
<b>Interstate Studies</b>					
Rappahannock River Crossing I-95 Improvements (fr,st)	US-17 Interchange (Exit # 133)	PR-3 Interchange (Exit 130)	2016-2025	\$ 10,000,000	Improvements to the US-17 & PR-3 interchanges, 4 new CD lanes across river connecting interchanges (\$1m in FY13-18 SYIP)
Jackson Gateway Area I-95 Improvements (sp)	US-1 Interchange (Exit # 126)	I-95 MM #123	2016-2025	\$ 6,000,000	Improvements to increase mobility and safety on I-95 and US-1 in the Jackson Gateway Area
Rappahannock Parkway Toll Road (fr,sp)	I-95 (Near existing Rest Area)	Gordon Rd. (SC-627)	2016-2020	\$ 1,000,000	New Interchange on I-95 with a limited access toll facility connecting to PR-3 (\$1m in FY13-18 SYIP)
<b>Arterial Studies</b>					
US-1 Widening/Operational Improvements (Region Wide)	Telegraph Rd. North Intersection (st)	Massaponax Church Rd. (sp)	2021-2040	\$ 11,000,000	See Needs Plan for breakdown of proposed project segments
US-1/PR-3 Interchange Replacement Study (fr)			2031-2040	\$ 5,700,000	Interchange Improvements/Replacement
Lafayette Blvd. Improvements/Widening (fr,sp)	Blue & Gray Pkwy.	US-1/PR-208	2021-2030	\$ 2,000,000	Widen to a 4-lane facility with bike/ped accommodations
Berea Parkway (st)	Centreport Pkwy.	US-17	2016-2020	\$ 600,000	New, limited access, roadway with the potential of being tolled. (\$400,000 contained in FY-12-15 TIP)
Old Plank Rd. Improvements/Widening (sp)	Gordon Rd.	Catharpin Rd.	2031-2040	\$ 1,500,000	Widen to a 4-lane facility with bike/ped accommodations
Lake Anna Parkway Improvements/Widening (sp)	Spotsylvania Courthouse BYP.	Southern Terminus of Lake Anna Pkwy.	2031-2040	\$ 1,500,000	Widen to a 4-lane facility with bicycle accommodations
<b>Collector Studies</b>					
Gordon Rd. Improvements/Widening (sp)	Harrison Rd. (SC-620)	Smith Station Rd. (SC-627)	2021-2030	\$ 3,500,000	Widen to a 4-lane facility with bike/ped accommodations
Massaponax Church Rd. Improvements/Widening (sp)	Smith Station Rd.	Mills Dr. (US-17)	2031-2040	\$ 1,500,000	Widen to a 4-lane facility with bike/ped accommodations
Leeland Rd. Improvements/Widening (st)	Deacon Rd. (SC-607)	Morton Rd. (SC-624)	2021-2030	\$ 1,200,000	Widen to a 4-lane facility with bike/ped accommodations
<b>TOTAL:</b>				<b>\$ 45,500,000</b>	
* Funds already programmed in FY12-15 TIP are not included in CLRP PE/Studies Allocations, See Notes Column for Programmed TIP Funds					
^YOE - Year of Expenditure					