

Preliminary Project Lists - future updates may be necessary

I-95 Corridor Improvement Project - Milepost 0 to 126 - Safety Improvements*

Upgrading Existing Assets to New Standards		
	<i>Asset</i>	<i>Cost Estimate</i>
1.1	Pavement Marking	\$ 10,052,797
1.2	Pavement Markers	\$ 1,458,171
1.3	Signs	\$ 9,349,600
1.4	Guardrail	\$ 15,013,388
1.5	Guardrail End Treatments	\$ 3,012,000
1.6	Lighting	\$ 1,943,550
1.7	Overhead Structure	\$ 18,480,000
Upgrade Subtotal		\$ 59,309,505

Additional Safety Features		
	<i>Asset</i>	<i>Cost Estimate</i>
2.1	Shoulder Widening	\$ 18,849,600
2.2	New Guardrail	\$ 7,096,152
2.3	Improved/New Median Barrier	\$ 22,176,000
2.4	Additional Marking and Signing	\$ 2,310,000
2.5	Clearzone Improvements	\$ 13,305,600
Additional Features Subtotal		\$ 63,737,352

Interchange Modifications for Safety		
	<i>Asset</i>	<i>Cost Estimate</i>
3.1	Rural Interchanges	\$ 22,600,000
3.2	Urban Interchanges	\$ 30,842,200
Interchange Subtotal		\$ 53,442,200

Safety Improvements Grandtotal	\$ 176,489,057
---------------------------------------	-----------------------

**The Safety Projects Listed are not in the Six-Improvement Program or budget to be funded in the near future. Some funding is received from the maintenance program to assist in fixing damaged assets, but funding is not available for upgrades. The safety section of the letter indicated between \$170 million to \$200 million may be needed as well a potential additional need of \$100 million.*

Preliminary Project Lists - future updates may be necessary

I-95 Corridor Improvement Project - Pavement Projects*				
Milepost 0 to Milepost 126				
Pavement Improvement	District			
	Richmond	Hampton Roads	Fredericksburg	All
Functional Improvement Cost	\$27,600,000	\$7,000,000	\$2,000,000	\$36,600,000
Functional Improvement Lane Miles	210.9	50	14.6	275.4
Structural Improvement Cost	\$46,400,000	\$3,500,000	\$69,300,000	\$119,200,000
Structural Improvement Lane Miles	101.9	10	126.8	238.7
Total Cost	\$74,000,000	\$10,500,000	\$71,300,000	\$155,800,000
Total Lane Miles	312.8	60	141.3	514.1
*The information above indicates the funding needs by District. The pavement section of the letter to FHWA indicated a funding need of \$155 million.				

Preliminary Project Lists - future updates may be necessary

I-95 Corridor Improvement Project - Milepost 0 to 126 - Bridge Total							
District	UPC - fund description	Crossing	Estimated Inspection costs	Estimated Yearly		Estimated Funds Needed to maintain GCR 7 or above	
				Preventive Maintenance			
Fredericksburg	N/A	BRANCH	\$ 10,000	\$ 3,086	\$ 262,310		
	N/A	CREEK	\$ 35,000	\$ 8,078	\$ 686,630		
	89297 - maintenance funding only - approximately \$1.7 million						
	N/A	CSX RAILROAD	\$ 10,000	\$ 19,830	\$ 1,685,580		
	N/A	HAZEL RUN	\$ 5,000	\$ 2,934	\$ 249,390		
	N/A	MASSAPONAX CREEK	\$ 5,000	\$ 2,370	\$ 201,450		
	N/A	MATTA RIVER	\$ 10,000	\$ 31,568	\$ 2,683,314		
	N/A	MOTTO RIVER	\$ 10,000	\$ 3,024	\$ 257,040		
	N/A	NI RIVER	\$ 10,000	\$ 14,626	\$ 1,243,183		
	N/A	PO RIVER & ACCESS RD.	\$ 5,000	\$ 12,023	\$ 1,021,970		
	N/A	PO RIVER & ACCESS ROAD	\$ 5,000	\$ 12,023	\$ 1,021,970		
	83163 - maintenance funding only - approximately \$2.2 million and UPC 89552 - no funding in the SYIP.						
	N/A	RAPPAHANNOCK RIVER	\$ 10,000	\$ 146,854	\$ 12,482,570		
	N/A	ROCK CREEK	\$ 10,000	\$ 2,000	\$ 170,000		
	N/A	ROUTES 0001 & 0017 BP	\$ 5,000	\$ 20,821	\$ 1,769,790		
	N/A	ROUTES 1 & 17 BP	\$ 5,000	\$ 21,287	\$ 1,809,370		
	N/A	RTE. 17	\$ 10,000	\$ 26,447	\$ 19,278,315		
	N/A	SOUTH RIVER	\$ 10,000	\$ 2,330	\$ 198,050		
	N/A	STEVENS MILL RUN	\$ 5,000	\$ 2,100	\$ 178,500		
	N/A	STREAM	\$ 115,000	\$ 32,496	\$ 2,762,160		
Fredericksburg Estimated Bridge Total			\$ 275,000	\$ 363,897	\$ 47,961,593		
Hampton	N/A	BEAVERPOND CREEK	\$ 10,000	\$ 13,904	\$ 13,904		
	N/A	BRANCH	\$ 10,000	\$ 2,314	\$ 70,858		
	N/A	BRANCH OF FALLING RUN	\$ 5,000	\$ 1,250	\$ 1,250		
	N/A	CATTAIL CREEK	\$ 5,000	\$ 2,000	\$ 2,000		
	N/A	CSX Transportation	\$ 20,000	\$ 38,309	\$ 1,271,703		
	N/A	FOUNTAIN CREEK	\$ 10,000	\$ 13,616	\$ 1,157,353		
	N/A	GALLEY SWAMP	\$ 15,000	\$ 1,325	\$ 72,809		
	N/A	MEHERRIN RIVER	\$ 10,000	\$ 36,852	\$ 3,132,436		
	N/A	NORFOLK SOUTHERN RAILWAY	\$ 10,000	\$ 17,414	\$ 1,480,159		
	N/A	NOTTOWAY RIVER	\$ 10,000	\$ 23,136	\$ 1,966,519		
	N/A	OTTERDAM SWAMP	\$ 10,000	\$ 68,858	\$ 5,852,969		
	N/A	RACoon CREEK	\$ 5,000	\$ 970	\$ 970		
	N/A	ROWANTY CREEK	\$ 10,000	\$ 20,828	\$ 895,593		
	N/A	Rte 301	\$ 10,000	\$ 16,962	\$ 1,441,787		
	N/A	Rte 646	\$ 10,000	\$ 10,688	\$ 908,473		
	N/A	SOUTHWEST SWAMP	\$ 10,000	\$ 13,443	\$ 1,142,641		
	N/A	STONY CREEK	\$ 10,000	\$ 30,334	\$ 1,153,474		
	N/A	STREAM	\$ 40,000	\$ 6,837	\$ 250,907		
	N/A	THREE CREEK	\$ 10,000	\$ 18,635	\$ 1,584,004		
	N/A	TRIB NOTTOWAY RIVER	\$ 10,000	\$ 2,010	\$ 118,434		
N/A	TRIB. NOTTOWAY RIVER	\$ 5,000	\$ 882	\$ 74,970			
N/A	URAIH BRANCH	\$ 5,000	\$ 2,178	\$ 2,178			

Preliminary Project Lists - future updates may be necessary

Hampton Estimated Bridge Total	\$	240,000	\$	342,744	\$	22,595,392
---------------------------------------	-----------	----------------	-----------	----------------	-----------	-------------------

Preliminary Project Lists - future updates may be necessary

N/A	36,301,APPOMATX RV & N&W	\$	5,000	\$	89,198	\$	7,581,789
N/A	APPOMATTOX RV & MAGZN ST	\$	5,000	\$	41,140	\$	3,496,872
N/A	Ashton Creek	\$	5,000	\$	2,020	\$	171,700
N/A	Babbit's Branch	\$	5,000	\$	2,320	\$	197,200
N/A	BELLS ROAD	\$	5,000	\$	9,613	\$	817,126
N/A	Bellwood Branch	\$	5,000	\$	2,180	\$	185,300
N/A	BRANCH	\$	25,000	\$	12,340	\$	1,048,900
N/A	Branch Jones Hole swamp	\$	5,000	\$	2,950	\$	250,750
N/A	BROOK RUN	\$	5,000	\$	6,461	\$	-
N/A	BULL RUN	\$	5,000	\$	2,696	\$	2,696
N/A	CHICKAHOMINY RIVER	\$	5,000	\$	41,710	\$	41,710
N/A	Colonial Pipeline	\$	5,000	\$	1,197	\$	353,124
N/A	CSX TRANSP & RTE 688	\$	10,000	\$	29,727	\$	2,526,787
N/A	CSX Transp. & Service Rd	\$	5,000	\$	15,987	\$	1,358,903
N/A	CSX Transportation	\$	5,000	\$	15,746	\$	1,338,418
N/A	Deepwtr Terminal Ser. Rd	\$	5,000	\$	7,556	\$	642,283
N/A	DUPONT WATERLINE ROAD	\$	5,000	\$	7,446	\$	632,895
N/A	EB RT 460 BUS (36) WYTHE	\$	10,000	\$	12,664	\$	1,076,400
N/A	EBL RTE 460	\$	10,000	\$	5,689	\$	483,588
N/A	Esso Road	\$	5,000	\$	3,761	\$	319,714
N/A	Exxon Oil Co. Pipeline	\$	5,000	\$	3,399	\$	3,399
N/A	Flippen Creek	\$	5,000	\$	1,836	\$	156,060
N/A	Goodes Creek	\$	5,000	\$	2,230	\$	189,550
N/A	HERMITAGE ROAD	\$	5,000	\$	22,558	\$	-
N/A	Interstate-295 EBL	\$	5,000	\$	10,558	\$	897,439
N/A	Interstate-95 Ramp-A	\$	5,000	\$	13,587	\$	1,154,901
	89862- maintenance funding only - approximately \$2.6 million.						
	JAMES RV,RTE 360(60)&CSX	\$	5,000	\$	370,722	\$	31,511,371
N/A	Jones Hole Swamp	\$	10,000	\$	2,635	\$	223,975
N/A	Kingsland Creek	\$	5,000	\$	27,545	\$	2,341,367
N/A	Lickinghole Creek	\$	10,000	\$	2,464	\$	97,216
N/A	LITTLE RIVER	\$	10,000	\$	22,826	\$	1,940,187
N/A	LOMBARDY ST & CSX TRANSP	\$	5,000	\$	67,156	\$	-
N/A	MANCHESTER RD	\$	5,000	\$	1,714	\$	145,703
N/A	MECHUMPS CREEK	\$	5,000	\$	1,712	\$	145,520
N/A	MILRAY BRANCH	\$	5,000	\$	2,484	\$	211,140
N/A	Mingea Street	\$	10,000	\$	21,404	\$	1,819,361
N/A	NORTH ANNA RIVER	\$	10,000	\$	47,186	\$	4,010,771
N/A	NS RAILWAY	\$	10,000	\$	17,308	\$	1,471,211
N/A	Old Texaco Road	\$	5,000	\$	3,190	\$	271,168
N/A	OVERBROOK ROAD	\$	5,000	\$	12,430	\$	-
N/A	Petroleum Pipeline	\$	5,000	\$	2,108	\$	179,172
N/A	PIPELINES	\$	5,000	\$	1,104	\$	1,104
N/A	Proctors Creek	\$	5,000	\$	10,205	\$	867,411
N/A	Redwater Creek	\$	5,000	\$	2,000	\$	170,000
N/A	Reedy Creek	\$	5,000	\$	2,390	\$	203,150
N/A	ROAD & FALLING CREEK	\$	10,000	\$	66,786	\$	66,786
N/A	ROBINHOOD ROAD	\$	5,000	\$	19,867	\$	-
N/A	ROUTE 0095 CONNECTIONS	\$	5,000	\$	37,697	\$	3,204,249
N/A	ROUTE 0095 RAMPS E & F	\$	5,000	\$	10,936	\$	929,544
N/A	Route 10	\$	5,000	\$	24,273	\$	2,063,173
N/A	Route 161 (Boulevard)	\$	5,000	\$	15,546	\$	-
N/A	RTE 144 & OLD TOWN CREEK	\$	5,000	\$	33,885	\$	2,880,189
N/A	Rte 608 (Reymet Rd)	\$	5,000	\$	9,317	\$	791,984

Richmond

Preliminary Project Lists - future updates may be necessary

N/A	RTE 613 (WILLIS RD)	\$	5,000	\$	9,317	\$	791,984
N/A	RTE 616	\$	5,000	\$	9,317	\$	791,984
N/A	Rte 656 (Bellwood Rd.)	\$	5,000	\$	13,630	\$	1,158,579
N/A	RTE 95 RAMP A TO RTE 161	\$	5,000	\$	7,756	\$	-
N/A	Rte 95 RMP A for Rte 144	\$	5,000	\$	15,679	\$	1,332,736
N/A	RTE I-85 NBL & RAMP D	\$	5,000	\$	23,474	\$	16,904,855
N/A	Rte. 197 (Laburnum Ave.)	\$	5,000	\$	13,174	\$	-
N/A	RTES 301 & EB 460	\$	10,000	\$	23,894	\$	2,031,004
N/A	SBL ROUTE 301 (BANK ST)	\$	5,000	\$	18,773	\$	1,595,715
N/A	Second Swamp	\$	10,000	\$	7,621	\$	647,772
N/A	Shell Road	\$	5,000	\$	2,323	\$	197,442
N/A	SHERWOOD AVENUE	\$	5,000	\$	13,811	\$	-
N/A	SOUTH ANNA RIVER	\$	10,000	\$	38,246	\$	3,250,938
N/A	Stony Run	\$	5,000	\$	1,752	\$	1,752
N/A	STREAM	\$	35,000	\$	9,150	\$	619,830
N/A	SWIFT CREEK	\$	5,000	\$	31,248	\$	2,656,085
N/A	Texaco Rd & Dupont Chann	\$	5,000	\$	9,195	\$	781,608
N/A	Warwick Swamp	\$	10,000	\$	4,099	\$	348,406
N/A	Westwood Ave.	\$	5,000	\$	11,639	\$	-
N/A	WILKINSON ROAD	\$	10,000	\$	15,535	\$	1,320,467
Richmond Estimated Bridge Total		\$	490,000	\$	1,483,093	\$	114,904,414
Estimated Bridge Grand Total		\$	1,005,000	\$	2,189,734	\$	185,461,399

Preliminary Project Lists - future updates may be necessary

I-95 Corridor Improvement Project - Milepost 0 to 126 - Ramp Total							Estimated Funds Needed
District	UPC	Route Name	Crossing	Estimated Inspection costs	Estimated Yearly Preventive Maintenance		to maintain GCR 7 or above
Fredericksburg	N/A	AMERICAN LEGION RD	ROUTE I-95	\$ 5,000	\$ 8,231	\$	699,667
	N/A	C.D. NBL RTE. I-95	RTE. 17	\$ 5,000	\$ 8,934	\$	759,348
	N/A	CENTREPORT PKWY.	I-95	\$ 5,000	\$ 34,846	\$	34,846
	N/A	COOL WATER DR	I-95	\$ 5,000	\$ 7,228	\$	614,377
	N/A	COURTHOUSE RD.	I-95	\$ 5,000	\$ 29,608	\$	29,608
	N/A	COWAN BLVD.	I-95	\$ 5,000	\$ 41,282	\$	41,282
	N/A	EBL ROUTE 0003	ROUTE I-95	\$ 5,000	\$ 29,879	\$	2,539,679
	N/A	EBL ROUTE 0207	RTE I 95	\$ 5,000	\$ 10,788	\$	916,982
	N/A	ENON RD.	I-95	\$ 5,000	\$ 18,909	\$	18,909
	N/A	GOLANSVILLE RD.	RTE. I-95	\$ 5,000	\$ 11,931	\$	11,931
	N/A	GUINEA STATION RD	RTE. I-95	\$ 5,000	\$ 12,096	\$	12,096
	N/A	HARRISON ROAD	ROUTE I-95	\$ 5,000	\$ 8,866	\$	753,612
	N/A	LADYSMITH RD.	RTE. I 95	\$ 5,000	\$ 13,819	\$	1,174,627
	N/A	MASSAPONAX CHURCH	ROUTE I-95	\$ 5,000	\$ 10,527	\$	10,527
	N/A	MILLS DR., RT.17	ROUTE I-95	\$ 5,000	\$ 11,935	\$	7,735,588
	N/A	MUDD TAVERN ROAD	ROUTE I-95	\$ 5,000	\$ 7,847	\$	5,888,032
	N/A	PAIGE RD.	RTE. I-95	\$ 5,000	\$ 7,099	\$	603,389
	N/A	PRIVATE RD.	(NBL & SBL) I-95	\$ 5,000	\$ 3,840	\$	3,840
	N/A	TELEGRAPH RD.	NBL ROUTE I-95	\$ 5,000	\$ 4,471	\$	380,026
	N/A		SBL ROUTE I-95	\$ 5,000	\$ 4,471	\$	380,026
N/A		I-95	\$ 5,000	\$ 9,330	\$	793,063	
N/A		ROUTE I-95	\$ 5,000	\$ 29,879	\$	2,539,679	
N/A		ROUTE I-95	\$ 5,000	\$ 13,906	\$	1,182,047	
Fredericksburg Estimated Ramp Total				\$ 115,000	\$ 339,720	\$	27,123,179
Hampton	N/A	614 (CRESENT ROAD)	INTERSTATE 95	\$ 5,000	\$ 25,255	\$	25,255
	N/A	BRINK ROAD	INTERSTATE 95	\$ 5,000	\$ 8,656	\$	735,725
	N/A	COMANS WELL ROAD	IS 95	\$ 5,000	\$ 7,352	\$	624,899
	N/A	DRY BREAD ROAD	INTERSTATE 95	\$ 5,000	\$ 7,488	\$	636,464
	N/A	EBL RTE. 40	IS 95	\$ 5,000	\$ 10,871	\$	924,009
	N/A	IS 95 Nb On Ramp	STREAM	\$ 5,000	\$ 606	\$	51,510
	N/A	IS 95 NBL OFF RAMP	SOUTHWEST SWAMP	\$ 5,000	\$ 6,973	\$	592,675
	N/A	IS 95 SBL ON RAMP	SOUTHWEST SWAMP	\$ 5,000	\$ 4,521	\$	4,521
	N/A	IS95 SBL & RTE 301	TRIB. NOTTOWAY RIVER	\$ 5,000	\$ 714	\$	714
	N/A	JARRATT AVE.	IS 95	\$ 5,000	\$ 18,800	\$	1,598,021
	N/A	Moore's Ferry Road	INTERSTATE 95	\$ 5,000	\$ 7,938	\$	674,744
	N/A	OWEN ROAD	RTE I-95	\$ 5,000	\$ 19,530	\$	19,530
	N/A	RAMP TO RTE. 301	INTERSTATE 95	\$ 10,000	\$ 35,511	\$	3,018,472
	N/A	ROCK BRIDGE ROAD	INTERSTATE 95	\$ 5,000	\$ 7,670	\$	651,917
	N/A	SLAGLES LAKE ROAD	INTERSTATE 95	\$ 5,000	\$ 7,740	\$	657,928
	N/A	SPRING CHURCH ROAD	INTERSTATE 95	\$ 5,000	\$ 7,258	\$	616,948
	N/A	ST.JOHN CHURCH RD.	RTE. 95	\$ 5,000	\$ 19,282	\$	19,282
N/A	WBL RTE. 40	IS 95	\$ 5,000	\$ 10,871	\$	924,009	
Hampton Estimated Ramp Total				\$ 95,000	\$ 207,035	\$	11,776,621

Preliminary Project Lists - future updates may be necessary

N/A	1ST STREET	ROUTE I-95 (I-64)	\$	5,000	\$	14,575	\$	9,446,584
N/A	4TH STREET	ROUTE I-95	\$	5,000	\$	13,039	\$	9,390,113
N/A	7th Street	I-95, Loop-J, Ramp-B	\$	5,000	\$	15,174	\$	1,289,780
N/A	ASHCAKE ROAD	RTE I 95	\$	5,000	\$	8,317	\$	706,913
N/A	BELLEVUE AVENUE	ROUTE I-95	\$	5,000	\$	8,019	\$	5,774,715
N/A	Belvidere Street	Interstate-95	\$	5,000	\$	18,539	\$	1,575,843
N/A	BROAD STREET	ROUTE 0095	\$	5,000	\$	11,114	\$	8,003,564
N/A		ROUTE 0095 RAMP E	\$	5,000	\$	3,692	\$	313,858
N/A	BROOK ROAD	ROUTE 0095	\$	5,000	\$	20,279	\$	20,279
N/A	Chamberlayne Pkwy	Interstate-95 & I-64	\$	5,000	\$	8,902	\$	756,677
N/A	CONDUIT ROAD	ROUTE I-95	\$	5,000	\$	17,904	\$	1,521,853
N/A	Courtland Road	Interstate-95	\$	5,000	\$	8,603	\$	731,296
N/A	DOWNTN EXP RAMP NW	RTE 360,STREETS, CSX RWY	\$	5,000	\$	28,759	\$	2,444,498
N/A	DOWNTN EXP RAMP SW	JAMES RV,STREETS,CSX RWY	\$	5,000	\$	48,905	\$	4,156,950
N/A	EBL KINGS DOMINION	RTE I 95	\$	5,000	\$	9,658	\$	820,951
N/A	EBL PARHAM ROAD	ROUTE I-95	\$	5,000	\$	9,673	\$	822,213
N/A	EBL ROUTE 0064	RTE 95,4TH & 5TH STREETS	\$	5,000	\$	24,874	\$	2,114,299
N/A	EBL ROUTE 0295	RTE I 95	\$	5,000	\$	10,457	\$	888,857
N/A	EBL RT 295 COLL RD	ROUTE 0095	\$	5,000	\$	9,911	\$	9,911
N/A	ELLERSLIE AVENUE	ROUTE I-95	\$	5,000	\$	11,901	\$	11,901
N/A	Garys Church Road	Interstate-95	\$	5,000	\$	6,588	\$	559,939
N/A	I-95 NB & SB CONNS	TURNER RUN	\$	5,000	\$	2,838	\$	241,230
N/A	I-95 NBL Ramp-B	INTERSTATE 95	\$	10,000	\$	16,266	\$	1,382,609
N/A	I-95 Ramp M	EB RT 460 BUS (36) WYTHE	\$	5,000	\$	14,789	\$	1,257,081
N/A	I-95 Ramp-A	Interstate-295 EBL	\$	5,000	\$	7,872	\$	669,090
N/A	I-95 Ramp-J	EB RT 460 BUS (36) WYTHE	\$	5,000	\$	4,852	\$	412,452
N/A	I-95 Ramps A&C	INTERSTATE 95	\$	5,000	\$	11,811	\$	1,003,928
N/A	I-95 Ramps B&D	INTERSTATE 95	\$	5,000	\$	12,727	\$	1,081,780
N/A	Interstate 64 WBL	Interstate 195 SBL	\$	5,000	\$	6,958	\$	591,394
N/A	IVEY AVENUE	ROUTE I-95	\$	5,000	\$	9,328	\$	792,880
N/A	JAMESTOWN ROAD	RTE I 95	\$	5,000	\$	7,275	\$	618,348
N/A	John's Road	Interstate-95	\$	5,000	\$	9,207	\$	782,597
N/A	Kings Acres Road	ROUTE I-95	\$	5,000	\$	14,741	\$	1,252,945
N/A	KINGS DOMINION BVD	ROUTE 0095 RAMP A	\$	5,000	\$	3,320	\$	282,238
N/A	Lansing Road	Interstate-95 & Rte. 301	\$	5,000	\$	9,471	\$	804,994
N/A	LEIGH STREET	RTES 95 & 360 & CSX RWY	\$	5,000	\$	239,226	\$	20,334,227
N/A	LEWISTOWN ROAD	RTE I 95	\$	5,000	\$	7,625	\$	4,942,181
N/A	NBL ROUTE 0095	ROUTE 0095 CONNECTIONS	\$	5,000	\$	37,697	\$	3,204,249
N/A	OLD RIDGE ROAD	RTE I 95	\$	5,000	\$	12,032	\$	12,032
N/A	Patrick Henry EBL	INTERSTATE 95	\$	5,000	\$	7,219	\$	613,590
N/A	POCAHONTAS PKY EBL	JAMES RIVER & I-95 & RMP	\$	5,000	\$	353,459	\$	353,459
N/A	POCAHONTAS PKY WBL	JAMES RIVER & I-95 & RMP	\$	5,000	\$	353,459	\$	353,459
N/A	RAMP E OF I-95 NBL	FALLING CREEK_ & RMPS	\$	5,000	\$	88,581	\$	7,529,360
N/A	Ramp F to I-64 EBL	7 TH STREET	\$	5,000	\$	8,673	\$	737,170
N/A	RAMP TO 5TH & 95S	ROUTE I-95	\$	5,000	\$	10,558	\$	7,603,499
N/A	Ramp-E of I-95	Mingea Street	\$	5,000	\$	6,298	\$	535,345
N/A	RELOCATED RTE 656	RTE 95 & LICKINGHOLE CK	\$	5,000	\$	44,809	\$	44,809
N/A	RIVES ROAD	ROUTE 0095	\$	5,000	\$	7,797	\$	662,768
N/A	ROUTE 0095 RAMP	STREAM	\$	5,000	\$	740	\$	62,900
N/A	ROUTE 0095 RAMP A	ROUTE 0095 & F-099	\$	10,000	\$	48,581	\$	4,129,383
N/A	ROUTE 0095 RAMP B	BELLS ROAD	\$	5,000	\$	5,369	\$	456,387
N/A		RTE 95 RMP A FOR RTE 144	\$	5,000	\$	3,703	\$	314,718
N/A	ROUTE 0095 RAMP H	Mingea Street	\$	5,000	\$	5,923	\$	503,414
N/A	ROUTE 0095 RAMP N	ROUTE 0095 RAMP S	\$	5,000	\$	2,510	\$	213,326
N/A	Route 150 EBL	Interstate 95 & Ramp B	\$	5,000	\$	41,392	\$	3,518,318
N/A	Route 288 NBL	Interstate-95	\$	5,000	\$	8,182	\$	695,477
N/A	Route 288 SBL	Interstate-95	\$	5,000	\$	8,182	\$	695,477

Richmond

Preliminary Project Lists - future updates may be necessary

N/A	Route 618	Interstate -95	\$ 5,000	\$ 7,005	\$ 595,401
N/A	ROUTE 656 RAMP E1	RTE 95 & LICKINGHOLE CK	\$ 5,000	\$ 19,816	\$ 19,816
N/A	ROUTE 95 RAMP A1	STONY RUN CREEK	\$ 5,000	\$ 6,262	\$ 6,262
N/A	ROUTE 95 RAMP D1	LICKINGHOLE CREEK	\$ 5,000	\$ 8,284	\$ 8,284
N/A	Rowanty Road	Interstate-95	\$ 5,000	\$ 10,861	\$ 923,185
N/A	Rte 161(Hermitage)	Interstate-95	\$ 5,000	\$ 15,100	\$ 1,283,540
N/A	RTE 95 RAMPS ABC&D	CSX RAILWAY	\$ 5,000	\$ 16,418	\$ 1,395,534
N/A	RTE 95 RMP 17TH ST	CSX TRANSPORTATION	\$ 5,000	\$ 12,414	\$ 1,055,155
N/A	Rte. I-95 Ramp-H	Interstate-85 SBL	\$ 5,000	\$ 12,447	\$ 1,058,028
N/A	Ruffin Mill Road	Rte 95 & RampC & Loop B	\$ 5,000	\$ 17,144	\$ 17,144
N/A	SBL CHAMBERLAYNE	RTE I 95	\$ 5,000	\$ 12,524	\$ 1,064,542
N/A		RTE I 95 & BROOK RUN	\$ 5,000	\$ 13,567	\$ 1,153,181
N/A	SBL ROUTE 0095	Upham Brook	\$ 5,000	\$ 6,461	\$ 549,152
N/A	SBL ROUTE 0095CONN	WBL ROUTE 0295	\$ 5,000	\$ 15,784	\$ 1,341,657
N/A	SBL RTE 95 COLL RD	STREAM	\$ 5,000	\$ 515	\$ 43,775
N/A	SCOTT ROAD	ROUTE I 95	\$ 5,000	\$ 7,654	\$ 650,554
N/A	South Crater Road	Interstate-95	\$ 5,000	\$ 11,765	\$ 999,985
N/A	Tavern Road	Interstate-95	\$ 5,000	\$ 7,012	\$ 596,060
N/A	VA CENTER PARKWAY	RTE 0095 & RTE 0095 CONN	\$ 5,000	\$ 63,340	\$ 5,383,938
N/A	WAGNER ROAD	ROUTE 0095	\$ 5,000	\$ 23,822	\$ 23,822
N/A	WASHINGTON STREET	RTE I-95 & RAMPS K & L	\$ 5,000	\$ 15,739	\$ 1,337,787
N/A	WBL KINGS DOMINION	RTE I 95	\$ 5,000	\$ 7,686	\$ 653,326
N/A	WBL PARHAM ROAD	ROUTE I-95	\$ 5,000	\$ 10,980	\$ 933,304
N/A	WBL PATRICK HENRY	RTE I 95	\$ 5,000	\$ 9,577	\$ 6,207,446
N/A	WBL ROUTE 0064	ROUTE 95	\$ 10,000	\$ 30,226	\$ 9,862,794
N/A	WBL ROUTE 0295	RTE I 95	\$ 5,000	\$ 10,379	\$ 882,224
N/A	WBL RT 295 COLL RD	ROUTE 0095	\$ 5,000	\$ 9,911	\$ 9,911
N/A	Woods Edge Road	Rt 95 & Loop A fr Rt 620	\$ 5,000	\$ 29,622	\$ 29,622
Richmond Estimated Ramp Total			\$ 440,000	\$ 2,154,665	\$ 158,135,536
Estimated Ramp Grand Total			\$ 650,000	\$ 2,701,420	\$ 197,035,336
		Estimated Total Inspection Costs	\$ 1,655,000.00		
		Estimated Total Yearly Preventive Maintenance	\$ 4,891,153.99		
		Estimated GCR 7 or above Costs	\$ 382,496,735.02		

Note: The Structure and Bridge section of the letter sent to the FHWA indicated a GCR 7 or above amount of \$480 million which included bridges that are fully funded. These numbers have been excluded from this information since the projects are fully funded. Projects with partial funds or maintenance funds are shown above.

Preliminary Project Lists - future updates may be necessary

I-95 Corridor Improvement Project Operational Projects*													
Milepost 0 to Milepost 126													
REGION	DISTRICT	ROUTE	JURISDICTION	FROM - TO	DEVICES								Total Cost
					DMS (New)	DMS (Upgrade)	CCTV (Upgrade)	CCTV_VDS	COMM (miles)	RWIS	VDS		
CENTRAL	Richmond	95	Colonial Heights & Petersburg & Prince George	Milepost 34.80 - Milepost 61.00	2			10				\$ 1,322,500	
		95	Richmond & Chesterfield	Milepost 61.00 - Milepost 73.00	2			3				\$ 949,000	
		95	Richmond & Chesterfield	Milepost 73.00 - Milepost 79.00				3	6			\$ 3,468,906	
		95	Henrico & Richmond	Milepost 79.00 - Milepost 85.00	1			6	6			\$ 4,018,319	
		95	Hanover & Henrico	Milepost 85.00 - Milepost 101.00				8	16	1		\$ 9,371,166	
	Fredericksburg	95	Caroline	Milepost 101.00 - Milepost 117.00	1			4	16			\$ 9,292,679	
NORTHERN	Fredericksburg	95	Spotsylvania	Milepost 117.00 - Milepost 130.00	2	2	4	14	13		34	\$ 10,776,213	
Fiber Optic	providing interoperable, comprehensive operations that is seamless to the travelers (paying customers)			Milepost 130 - Milepost 148					18			\$ 10,501,920	
O&M (ANNUAL)				Milepost 73 - Milepost 148								\$ 139,500	
Total Capital					8	2	4	48	75	1	34	\$ 49,700,703	
O&M (ANNUAL)					\$ 98,880	\$ 24,720	\$ 28,800	\$ 351,120	\$ 139,500		\$ 3,910	\$ 646,930	
Safety Service Patrol (ANNUAL)				Milepost 0.00 - Milepost 126.0								\$ 5,800,000.00	
Overheight Detectors				Milepost 50 - Milepost 92				6				\$ 7,200,000.00	
OPERATIONS IMPROVEMENT TOTALS													
Install-Capital												\$ 56,900,703.00	
O&M (ANNUAL)												\$ 6,586,430.00	

*The Operational Projects Listed are not in the Six-Improvement Program or budget to be funded in the near future. The operational section of the letter to FHWA indicated a funding need of \$84.6 million for construction costs and \$6.3 million needed annually for operating expenses. Operations was able to better refine their estimates and accounts for the difference in construction costs needs; however, depending on when the items are constructed inflation could increase the costs.