

**Appendix A**  
**Amendments to the FY2014-2019 SYIP**

Row	UPC	District	Jurisdiction	Route	Project Description	Total Cost	Major Fund Source	System	Fully Funded
1	105380	Bristol	Bland	77	Big Walker Mountain Tunnel Traffic Management System	\$ 125,000	CTB Formula - ITS	Interstate	Yes
2	105381	Bristol	Bland	77	East River Mountain Tunnel Traffic Management	\$ 126,000	CTB Formula - ITS	Interstate	Yes
3	105387	Bristol	Bristol	9999	Bristol Signal Controller/Cabinet Upgrades	\$ 180,000	CTB Formula - ITS	Miscellaneous	No
4	105377	Bristol	Bristol District-wide	9999	Bristol District ITS Designs for Corridors of Significance	\$ 143,095	CTB Formula - ITS	Interstate	Yes
5	105407	Culpeper	Albemarle	250	Rte 250 Corridor Signal Improvements - Crozet	\$ 27,500	CTB Formula - ITS	Primary	Yes
6	105376	Culpeper	Culpeper District-wide	9999	Culpeper District ITS Designs for Corridors of Significance	\$ 104,766	CTB Formula - ITS	Interstate	Yes
7	105408	Culpeper	Culpeper District-wide	29	Rte 29 Corridor Signal Analysis - N. of Airport to Bealton	\$ 172,500	CTB Formula - ITS	Primary	No
8	105409	Culpeper	Culpeper District-wide	9999	Emergency Preemption Upgrade - Culpeper District	\$ 27,500	CTB Formula - ITS	Primary	Yes
9	105410	Culpeper	Culpeper District-wide	9999	Improve Emergency Power Back-up for Signals - Culpeper Dist.	\$ 70,000	CTB Formula - ITS	Primary	Yes
10	105411	Culpeper	Culpeper District-wide	9999	Traffic Signal Flashing Yellow Arrow Conversion - District	\$ 30,000	CTB Formula - ITS	Primary	Yes
11	105383	Fredericksburg	Fredericksburg District-wide	9999	Fredericksburg District ITS Designs for Corridors of Significance	\$ 176,313	CTB Formula - ITS	Interstate	Yes
12	105389	Fredericksburg	Spotsylvania	3	Signal System Improvements - Rte 3	\$ 179,250	CTB Formula - ITS	Primary	Yes
13	105390	Fredericksburg	Stafford	1	Signal System Improvements - Rte 1	\$ 227,750	CTB Formula - ITS	Primary	Yes
14	105371	Hampton Roads	Hampton Roads District-wide	9999	Hampton R District ITS Designs for Corridors of Significance	\$ 319,408	CTB Formula - ITS	Interstate	Yes
15	105406	Hampton Roads	Hampton Roads District-wide	58	Route 58 Communications	\$ 40,000	CTB Formula - ITS	Primary	Yes
16	105404	Hampton Roads	Isle of Wight	17	Route 17 (IOW) Communications Improvements	\$ 75,000	CTB Formula - ITS	Primary	Yes
17	105405	Hampton Roads	Isle of Wight	10	Route 10 (Smithfield) Communications Upgrades	\$ 20,000	CTB Formula - ITS	Primary	Yes
18	105403	Hampton Roads	James City	60	Route 60 Communications Upgrades	\$ 40,000	CTB Formula - ITS	Primary	Yes
19	105368	Hampton Roads	Multi-jurisdictional: Hampton Roads MPO	64	I-64 HRBT Control Room Upgrade	\$ 500,000	CTB Formula - ITS	Interstate	Yes
20	105388	Hampton Roads	Multi-jurisdictional: Hampton Roads MPO	664	I-664 TMS Comm Upgrade Monitor Merrimac Mem Bridge Tunnel	\$ 310,000	CTB Formula - ITS	Interstate	Yes
21	105382	Lynchburg	Lynchburg District-wide	9999	District-Wide - ITS Designs for Corridors of Significance	\$ 81,768	CTB Formula - ITS	Primary	Yes
22	105412	Lynchburg	Lynchburg District-wide	9999	Upgrade Signal Controller/Cabinet	\$ 180,000	CTB Formula - ITS	Primary	No
23	105364	Northern Virginia	Arlington	66	I-66 Rosslyn Tunnel Traffic Management Upgrades	\$ 312,000	CTB Formula - ITS	Interstate	Yes
24	105363	Northern Virginia	Multi-jurisdictional: Northern Virginia MPO	395	I-395 Ramp Metering Signal Upgrade	\$ 300,000	CTB Formula - ITS	Interstate	Yes
25	105372	Northern Virginia	Multi-jurisdictional: Northern Virginia MPO	SMRT	NRO DMS Life Cycle Replacement	\$ 600,000	CTB Formula - ITS	Interstate	Yes

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26	105373	Northern Virginia	Northern Virginia District-wide	9999	Statewide Travel Time Engine Upgrade	\$ 100,000	CTB Formula - ITS	Primary	Yes
27	105374	Northern Virginia	Northern Virginia District-wide	9999	511 Enhancement Deployment Phase 2	\$ 300,000	CTB Formula - ITS	Interstate	Yes
28	105375	Northern Virginia	Northern Virginia District-wide	9999	NOVA District ITS Designs for Corridors of Significance	\$ 206,976	CTB Formula - ITS	Interstate	Yes
29	105378	Northern Virginia	Northern Virginia District-wide	95	I-95 Parking Management System - PE only	\$ 600,000	CTB Formula - ITS	Interstate	Yes
30	105379	Northern Virginia	Northern Virginia District-wide	9999	Route 1 Travel Times	\$ 250,000	CTB Formula - ITS	Primary	Yes
31	105398	Northern Virginia	Northern Virginia District-wide	SMRT	Adaptive Traffic Signal Technologies	\$ 200,000	CTB Formula - ITS	Primary	Yes
32	105400	Northern Virginia	Northern Virginia District-wide	SMRT	Traffic Signal Alternative Power Source and Power Backup UPS	\$ 250,000	CTB Formula - ITS	Primary	Yes
33	105401	Northern Virginia	Northern Virginia District-wide	SMRT	Arterial CCTV Deployment to Support Signal Operations and IM	\$ 85,000	CTB Formula - ITS	Primary	Yes
34	105402	Northern Virginia	Northern Virginia District-wide	SMRT	Traffic Signal 2070 Controller and Broadband Communication	\$ 629,000	CTB Formula - ITS	Primary	Yes
35	105367	Richmond	Chesterfield	360	Rte 360 - Signal System Improvements	\$ 145,500	CTB Formula - ITS	Primary	Yes
36	105384	Richmond	Colonial Heights	9999	Central Region TOC Facility	\$ 325,000	CTB Formula - ITS	Interstate	Yes
37	105365	Richmond	Henrico	250	Rte 250 - Signal System Improvements	\$ 440,750	CTB Formula - ITS	Primary	Yes
38	105366	Richmond	Richmond District-wide	9999	Districtwide - Signal UPS Upgrades	\$ 10,000	CTB Formula - ITS	Miscellaneous	Yes
39	105369	Richmond	Richmond District-wide	1	Rte 1 - Signal System Improvements	\$ 205,250	CTB Formula - ITS	Primary	Yes
40	105385	Richmond	Richmond District-wide	9999	Richmond District ITS Designs for Corridors of Significance	\$ 631,150	CTB Formula - ITS	Interstate	Yes
41	105386	Salem	Salem District-wide	9999	Salem District ITS Designs for Corridors of Significance	\$ 89,434	CTB Formula - ITS	Interstate	Yes
42	105417	Salem	Salem District-wide	9999	Upgrade Signal Controller/Cabinet	\$ 360,000	CTB Formula - ITS	Primary	No
43	105257	Staunton	Augusta	64	Fiber Design on Various Routes for Staunton TOC	\$ 300,000	CTB Formula - ITS	Interstate	Yes
44	105393	Staunton	Rockbridge	11	Rte 11 & Rte 60 Corridor Signal Analysis - Lexington	\$ 60,000	CTB Formula - ITS	Primary	No
45	105370	Staunton	Staunton District-wide	9999	Staunton District ITS designs for corridors of significance	\$ 189,089	CTB Formula - ITS	Interstate	Yes
46	105392	Staunton	Staunton District-wide	11	Rte. 11 Corridor Signal Analysis - Staunton to Winchester	\$ 300,000	CTB Formula - ITS	Primary	No
47	105394	Staunton	Staunton District-wide	9999	Traffic Signal Flashing Yellow Arrow Conversion - District	\$ 30,000	CTB Formula - ITS	Primary	Yes
48	105396	Staunton	Staunton District-wide	42	Rte 42 & Rte 11 Signal Optimization & Timing Plans	\$ 190,000	CTB Formula - ITS	Primary	Yes
<b>Total</b>						<b>\$ 10,264,999</b>			