

# I-81 CORRIDOR IMPROVEMENTS PLAN

## RECOMMENDED IMPROVEMENTS

Study Project ID	UPC	District	Jurisdiction(s)	Direction	Mile Marker			Improvement Description
					From	to	To	
1	115393	Bristol	Abingdon	NB only	17.9	to	17.9	Curve improvement (flashing chevron)
2	116155	Bristol	Abingdon / Washington County	NB only	19.2	to	19.3	Exit 19 deceleration lane extension
3	116156	Bristol	Chilhowie / Washington County	NB only	32.4	to	33.5	Add truck climbing lane
4	116157	Bristol	Chilhowie / Smyth County	NB only	39.5	to	40.6	Add truck climbing lane
5	116159	Bristol	Smyth County	NB only	38.9	to	39	Exit 39 deceleration lane extension
6	116160	Bristol	Marion / Smyth County	NB only	45.5	to	45.6	Exit 45 deceleration lane extension
7	116161	Bristol	Marion / Smyth County	NB only	48.1	to	48.9	Exit 47 acceleration lane extension
8	116162	Bristol	Wytheville	NB only	67.3	to	67.4	Exit 67 deceleration lane extension
9	115600	Bristol	Wytheville	NB only	67.6	to	67.6	Curve improvements (flashing chevron)
10	116163	Bristol	Wytheville	NB only	72.7	to	72.9	Exit 72 deceleration lane extension
11	116164	Bristol	Wytheville	NB only	73.0	to	42.9	I-77 deceleration lane extension and reconfigure off-ramp
12	116165	Bristol	Wythe County	SB only	84.3	to	84.5	Exit 84 deceleration lane extension
13	116166	Bristol	Wythe County	SB only	81.7	to	81.9	Exit 81 deceleration lane extension
14	116168	Bristol	Wytheville	SB only	73.2	to	73.8	Add auxiliary lane between Exit 73 and Exit 72
15	116169	Bristol	Smyth County	SB only	54.1	to	54.4	Add auxiliary lane between Exit 54 and Smyth Safety Rest Area
16	116158	Bristol	Marion / Smyth County	SB only	47.4	to	47.6	Exit 47 acceleration lane extension
17	116167	Bristol	Marion / Smyth County	SB only	42.8	to	43	Exit 44 acceleration lane extension
18	116175	Bristol	Wythe County	SB only	41.6	to	41.8	Add auxiliary lane between Exit 40 on I-77 and Exit 72 on I-81 and extend acceleration lane from I-77 SB to I-81 SB
19	116174	Bristol	Smyth County	SB only	39.4	to	39.5	Exit 39 deceleration lane extension
20	116173	Bristol	Smyth County	SB only	38.7	to	38.9	Exit 39 acceleration lane extension
21	116172	Bristol	Washington County	SB only	34	to	33	Add truck climbing lane
22	115345	Bristol	Washington County	SB only	26.7	to	26.8	Exit 26 deceleration lane extension
23	115346	Bristol	Washington County	SB only	25.9	to	26.1	Exit 26 acceleration lane extension
24	115395	Bristol	Washington County	SB only	21.5	to	21.5	Curve improvement (chevrons)
25	115394	Bristol	Abingdon	SB only	17.6	to	17.6	Curve improvement (flashing chevron)
26	116171	Bristol	Abingdon	SB only	16.6	to	16.7	Exit 17 acceleration lane extension
27	116170	Bristol	Bristol / Washington County	SB only	8.1	to	9.7	Widen to three lanes
28	115794	Salem	Pulaski County	NB only	88	to	88	Curve improvements (flashing chevron)
29	115795	Salem	Pulaski County	NB only	90.2	to	90.7	Exit 89 acceleration lane extension
30	116198	Salem	Radford / Montgomery County	NB only	105.5	to	106	Exit 105 acceleration lane extension
31	116196	Salem	Christiansburg / Montgomery County	NB only	119	to	128.4	Widen to three lanes from MM 116 to Exit 128
32	116197	Salem	Montgomery County / Roanoke County / Salem	NB only	128.4	to	136	Widen to three lanes from Exit 128 to MM 136
33	116199	Salem	Buchanan / Botetourt County	NB only	162.4	to	162.9	Exit 162 acceleration lane extension
34	115794	Salem	Botetourt County	NB only	171.7	to	175.6	Curve improvements (flashing chevron)
35	115794	Salem	Botetourt County	SB only	175.3	to	171.4	Curve improvements (flashing chevron)
36	116202	Salem	Botetourt County	SB only	158.4	to	158.2	Troutville Safety Rest Area deceleration lane extension
37	116202	Salem	Botetourt County	SB only	158	to	157.2	Troutville Safety Rest Area acceleration lane extension
38	116200	Salem	Pulaski / Pulaski County	SB only	94.2	to	93.7	Exit 94 acceleration lane extension
39A	116203	Salem	Salem / Roanoke County	Both Directions	136	to	139	Widen to three lanes between MM 136 to MM 139
39B	115937	Salem	Salem / Roanoke County	Both Directions	139	to	141	Widen to three lanes between MM 139 and Exit 141
40	116201	Salem	Roanoke / Roanoke County	Both Directions	144.2	to	151.3	Widen to three lanes between Exit 143 and Exit 150
41	116246	Staunton	Rockbridge County	NB only	189	to	189.4	Exit 188 acceleration lane extension
42	115801	Staunton	Rockbridge County	NB only	205.3	to	205.7	Exit 205 acceleration lane extension
43	116271	Staunton	Augusta County	NB only	232.4	to	232.8	Mt. Sidney Rest Area acceleration lane extension
44	116277	Staunton	Augusta County / Rockingham County	NB only	233.3	to	237.4	Weyers Cave truck climbing lane
45	115802	Staunton	Shenandoah County	NB only	268.8	to	268.9	Exit 269 deceleration lane extension
46	116270	Staunton	Shenandoah County	NB only	290.6	to	291.1	Exit 291 acceleration lane extension
47	116236	Staunton	Frederick County	NB only	302.5	to	302.9	Exit 302 acceleration lane extension
48	115870	Staunton	Frederick County	NB only	302.1	to	302.2	Exit 302 deceleration lane extension
49	115803	Staunton	Frederick County	NB only	303.7	to	303.9	Truck Scales acceleration lane extension
50	116268	Staunton	Shenandoah County / Warren County / Frederick County	SB only	299.2	to	295.7	Widen to three lanes between Exit 299 and Exit 296
51	116244	Staunton	Shenandoah County	SB only	296.7	to	296.3	Exit 296 acceleration lane extension
52	115804	Staunton	Shenandoah County	SB only	283.3	to	282.9	Exit 283 acceleration lane extension
53	116243	Staunton	Shenandoah County	SB only	279.2	to	278.7	Exit 279 acceleration lane extension
54	115848	Staunton	Shenandoah County	SB only	272.3	to	272.3	Curve improvements (flashing chevron)
55	116278	Staunton	Augusta County	SB only	236.5	to	234.6	Weyers Cave truck climbing lane
56	116275	Staunton	Augusta County	SB only	232.9	to	232.7	Mt. Sidney Rest Area deceleration lane extension
57	116276	Staunton	Augusta County	SB only	232.5	to	231.9	Mt. Sidney Rest Area acceleration lane extension
58	116279	Staunton	Augusta County	SB only	221.5	to	221.2	Add auxiliary lane between Exit 220 and Exit 221
59	116245	Staunton	Rockbridge County	SB only	205.2	to	204.7	Exit 205 acceleration lane extension
60	116282	Staunton	Rockbridge County	SB Only	204.5	to	195.1	Rockbridge County shoulder improvements
61	116269	Staunton	Augusta County / Staunton	Both Directions	221.8	to	225.3	Widen to three lanes between Exit 221 and Exit 225
62	116280	Staunton	Rockingham County / Harrisonburg	Both Directions	242.2	to	248.1	Widen to three lanes between Exit 243 and Exit 248
63	116281	Staunton	Frederick County / Winchester	Both Directions	313.8	to	317.5	Widen to three lanes between Exit 313 and Exit 317

## SMARTSCALE

ID	UPC	District	Direction	Location	Description (Year Construction Starts)
SS1	105309	Bristol	SB	Exit 5	Exit 5 - widen Route 11 (Lee Highway) & widen I-81 off-ramps (2021)
SS2	109419	Bristol	NB	Exit 17	Exit 17 interchange improvements (2021)
SS3	109440	Bristol	Both	Exit 19	Exit 19 interchange improvements (2020)
SS4	108906, 111373	Salem	Both	Exit 141 to 143	Add auxiliary lanes between Exit 141 and Exit 143 (2019)
SS5*	111359	Salem	SB	MM 167.4 to MM 169.5	Safety improvements between MM 167.4 to MM 169.5 (2020)
SS6	109370	Staunton	Both	Exit 205	Exit 205 ramp terminal intersection improvements (2021)
SS7	111055	Staunton	Both	Exit 235	Exit 235 access improvements (2021)
SS8	108809	Staunton	NB	Exit 245	Exit 245 interchange improvements (2019)
SS9	111230	Staunton	Both	Exit 247	Exit 247 interchange improvements (2022)
SS10	115129	Staunton	NB	Exit 291	Exit 291 northbound ramp widening (2028)
SS11	111054	Staunton	SB	Exit 300	Exit 300 acceleration Lane extension (2021)
SS12	115717	Staunton	Both	Exit 313	Exit 313 bridge capacity improvement (2028)
SS13	115181	Staunton	Both	Exit 317	Exit 317 acceleration and deceleration lane extensions (2028)

## LEGEND

- 16 Projects Currently FY20 SYIP
- 48 Remaining Projects
- Smart Scale Funded Project

October 1, 2019



\* SS5 - Project is not depicted on map.