

Fiscal Year 2018 and 2019 Bicycle and Pedestrian Metric Report

February 2020

In 2015, the Virginia Department of Transportation's (VDOT) implementation of the 2004 Commonwealth Transportation Board's (CTB) *Policy for Integrating Bicycle and Pedestrian Accommodations* was reviewed by the VDOT Assurance and Compliance Division. The results of that review found that there were no metrics that tracked how the policy was being implemented. The Deputy Chief Engineer's response to the recommendation was to establish a metric that tracks the addition of bicycle and pedestrian facilities to the VDOT network. This project tracking requirement was written into [IIM-TMPD-1.0](#) which was signed in February 2017.

The language in the Instructional and Informational Memorandum (IIM) states:

Metrics are required to assess the Policy's progress improving accommodation for bicycle and pedestrian transportation in the Commonwealth. Metrics give information to the CTB, VDOT, and the general public regarding the length and the location of new bicycle and pedestrian accommodations built within VDOT right of way.

This was accomplished by a review of all projects in the VDOT project pool that ended construction during Fiscal Year 2018 (FY18) or Fiscal Year 2019 (FY19). The VDOT fiscal year runs from July 1st, to June 30th. The official [VDOT Designated Bicycle and Pedestrian Accommodation](#) chart was used to categorize the accommodations.

The following information was collected.

- A report of completed construction projects from the VDOT project pool that provide a bicycle and/or pedestrian accommodation which completed construction in FY18 or FY19. That list includes the type of accommodation, the locality, and the estimated length of the sidewalks, bicycle lanes, paved shoulders 4' wide or greater and shared use paths.
- Curb ramp improvement information for FY18, FY19 and the total number of improvements delivered since 2014 when tracking began.
- Bicycle and pedestrian accommodations entered into the RIMS database in FY18 and FY19. This list is mostly comprised of sidewalks added through the construction of subdivision streets by developers.
- A spreadsheet including a column indicating whether a "Bicycle and Pedestrian Accommodations Scoping Worksheet" (SWBPA) was available for the project. Since the SWBPA was required starting in 2016, no projects scoped in 2016 had completed construction using that form.

The following pages show summaries of the information discussed above for each VDOT district. An Excel spreadsheet, available as an appendix to this report, provides more details. Please note that this list may have inaccuracies. This was created through a query of the VDOT project pool. As such, it could contain projects that may appear to have been completed before the FY18 or FY19 but did not close out until later. It is possible this sheet omits projects that did not use state or federal money. It may also omit projects that only used local funds or projects built by developers or through proffers.

Bristol District Summary

Curb Ramps

Bristol has 1.9% of the statewide curb ramp inventory. Since tracking began in 2014, 166 curb ramp improvements have been delivered. In FY18, 59 curb ramp improvements were added. In FY19, 36 curb ramp improvements were added.

Statewide Inventory %	Total Improvements (Since FY14)	FY18 Improvements	FY19 Improvements
1.9%	166	59	36

FY18 & FY19 Bicycle and Pedestrian Accommodations

Facility Type	Completed Project Length (miles)		Completed Project Count	
	FY18	FY19	FY18	FY19
Shared Use Path	1.82	0.81	3	1
Sidewalk	1.35	0.52	7	2
Bike Lane	0	0	0	0
Paved Shoulder	0	0	0	0
Paved Unpaved Road	0	0	0	0
Other Bike/Ped Facilities	-	-	9	14
Bike/Ped Design Features	-	-	3	4
Total	3.17	1.33	22	21

Other bike/ped facilities included curb ramp projects, paved shoulders less than 4 feet, ped signals, curb ramps, crosswalks, refuge islands, RRFBs, and traffic calming devices.

Salem District Summary

Curb Ramps

Salem District has 1.6% of the statewide curb ramp inventory. Since tracking began in 2014, 170 curb ramp improvements have been delivered. In FY18, 21 curb ramp improvements were added. In FY19 curb ramp 28 improvements were added.

Statewide Inventory %	Total Improvements (Since FY14)	FY18 Improvements	FY19 Improvements
1.6%	170	21	28

FY18 & FY19 Bicycle and Pedestrian Accommodations

Facility Type	Completed Project Length (miles)		Completed Project Count	
	FY18	FY19	FY18	FY19
Shared Use Path	0	0.77	0	3
Sidewalk	3.27	1.19	10	5
Bike Lane	1.43	0	1	0
Paved Shoulder	0	0	0	0
Paved Unpaved Road	4.33	3.85	4	3
Other Bike/Ped Facilities	-	-	9	5
Bike/Ped Design Features	-	-	2	1
Total	9.03	5.81	26	17

Other bike/ped facilities included curb ramp projects, paved shoulders less than 4 feet, ped signals, curb ramps, crosswalks, refuge islands, RRFBs, and traffic calming devices.

Lynchburg District Summary

Curb Ramps

Lynchburg District has 2% of the statewide curb ramp inventory. Since tracking began in 2014, 241 curb ramp improvements have been delivered. In FY18, 62 curb ramp improvements were added. In FY19 curb ramp 0 improvements were added.

Statewide Inventory %	Total Improvements (Since FY14)	FY18 Improvements	FY19 Improvements
2%	241	62	0

FY18 & FY19 Bicycle and Pedestrian Accommodations

Facility Type	Completed Project Length (miles)		Completed Project Count	
	FY18	FY19	FY18	FY19
Shared Use Path	0.82	0.89	2	1
Sidewalk	0.88	1.23	6	3
Bike Lane	0	0	0	0
Paved Shoulder	0.35	0	1	0
Paved Unpaved Road	12.49	12.36	15	7
Other Bike/Ped Facilities	-	-	1	2
Bike/Ped Design Features	-	-	1	1
Total	14.54	14.48	26	14

Other bike/ped facilities included curb ramp projects, paved shoulders less than 4 feet, ped signals, curb ramps, crosswalks, refuge islands, RRFBs, and traffic calming devices.

Richmond District Summary

Curb Ramps

Richmond District has 7% of the statewide curb ramp inventory. Since tracking began in 2014, 326 curb ramp improvements have been delivered. In FY18, 188 curb ramp improvements were added. In FY19 curb ramp 47 improvements were added.

Statewide Inventory %	Total Improvements (Since FY14)	FY18 Improvements	FY19 Improvements
7%	326	188	47

FY18 & FY19 Bicycle and Pedestrian Accommodations

Facility Type	Completed Project Length (miles)		Completed Project Count	
	FY18	FY19	FY18	FY19
Shared Use Path	0.8	0	2	0
Sidewalk	0.74	1.47	5	2
Bike Lane	0	2.4	0	1
Paved Shoulder	0.55	0.55	2	1
Paved Unpaved Road	6.59	8.07	10	7
Other Bike/Ped Facilities	-	-	10	9
Bike/Ped Design Features	-	-	2	2
Total	8.68	12.49	31	22

Other bike/ped facilities included curb ramp projects, paved shoulders less than 4 feet, ped signals, curb ramps, crosswalks, refuge islands, RRFBs, and traffic calming devices.

Hampton Roads District Summary

Curb Ramps

Hampton Roads District has 2.2% of the statewide curb ramp inventory. Since tracking began in 2014, 349 curb ramp improvements have been delivered. In FY18, 56 curb ramp improvements were added. In FY19 curb ramp 57 improvements were added.

Statewide Inventory %	Total Improvements (Since FY14)	FY18 Improvements	FY19 Improvements
2.2%	349	56	57

FY18 & FY19 Bicycle and Pedestrian Accommodations

Facility Type	Completed Project Length (miles)		Completed Project Count	
	FY18	FY19	FY18	FY19
Shared Use Path	1.72	7.48	8	8
Sidewalk	2.87	7.38	7	7
Bike Lane	0	0.16	0	1
Paved Shoulder	2.58	3.97	2	2
Paved Unpaved Road	0	0.48	0	1
Other Bike/Ped Facilities	-	-	6	13
Bike/Ped Design Features	-	-	0	0
Total	7.17	19.47	23	32

Other bike/ped facilities included curb ramp projects, paved shoulders less than 4 feet, ped signals, curb ramps, crosswalks, refuge islands, RRFBs, and traffic calming devices.

Fredericksburg District Summary

Curb Ramps

Fredericksburg District has 5.5% of the statewide curb ramp inventory. Since tracking began in 2014 603 curb ramp improvements have been delivered. In FY18, 221 curb ramp improvements were added. In FY19, curb ramp 130 improvements were added.

Statewide Inventory %	Total Improvements (Since FY14)	FY18 Improvements	FY19 Improvements
5.5%	603	221	130

FY18 and FY19 Bicycle and Pedestrian Accommodations

Facility Type	Completed Project Length (miles)		Completed Project Count	
	FY18	FY19	FY18	FY19
Shared Use Path	0.17	0	1	0
Sidewalk	2.68	0	5	0
Bike Lane	0	0	0	0
Paved Shoulder	0	0	0	0
Paved Unpaved Road	19.69	0.02	13	1
Other Bike/Ped Facilities	-	-	5	1
Bike/Ped Design Features	-	-	0	0
Total	22.54	0.02	24	2

Other bike/ped facilities included curb ramp projects, paved shoulders less than 4 feet, ped signals, curb ramps, crosswalks, refuge islands, RRFBs, and traffic calming devices.

Culpeper District Summary

Curb Ramps

Culpeper District has 2.8% of the statewide curb ramp inventory. Since tracking began in 2014, 268 curb ramp improvements have been delivered. In FY18, 66 curb ramp improvements were added. In FY19, curb ramp 56 improvements were added.

Statewide Inventory %	Total Improvements (Since FY14)	FY18 Improvements	FY19 Improvements
2.8%	268	66	56

FY18 and FY19 Bicycle and Pedestrian Accommodations

Facility Type	Completed Project Length (miles)		Completed Project Count	
	FY18	FY19	FY18	FY19
Shared Use Path	4.15	0	3	0
Sidewalk	2.78	0	4	0
Bike Lane	4.8	0	1	0
Paved Shoulder	0	0	0	0
Paved Unpaved Road	5.37	1.6	9	1
Other Bike/Ped Facilities	-	-	5	0
Bike/Ped Design Features	-	-	0	1
Total	17.1	1.6	22	2

Other bike/ped facilities included curb ramp projects, paved shoulders less than 4 feet, ped signals, curb ramps, crosswalks, refuge islands, RRFBs, and traffic calming devices.

Staunton District Summary

Curb Ramps

Staunton District has 4% of the statewide curb ramp inventory. Since tracking began in 2014, 148 curb ramp improvements have been delivered. In FY18, 0 curb ramp improvements were added. In FY19, curb ramp 13 improvements were added.

Statewide Inventory %	Total Improvements (Since FY14)	FY18 Improvements	FY19 Improvements
4%	148	0	13

FY18 & FY19 Bicycle and Pedestrian Accommodation

Facility Type	Completed Project Length (miles)		Completed Project Count	
	FY18	FY19	FY18	FY19
Shared Use Path	1.47	0	3	0
Sidewalk	0.47	0.45	2	1
Bike Lane	0	0	0	0
Paved Shoulder	0	0	0	0
Paved Unpaved Road	14.9	0.14	12	1
Other Bike/Ped Facilities	-	-	4	0
Bike/Ped Design Features	-	-	0	0
Total	16.81	0.59	21	2

Other bike/ped facilities included curb ramp projects, paved shoulders less than 4 feet, ped signals, curb ramps, crosswalks, refuge islands, RRFBs, and traffic calming devices.

Northern Virginia District Summary

Curb Ramps

Northern Virginia District has 73% of the statewide curb ramp inventory. Since tracking began in 2014, 4930 curb ramp improvements have been delivered. In FY18, 877 curb ramp improvements were added. In FY19, curb ramp 578 improvements were added.

Statewide Inventory %	Total Improvements (Since FY14)	FY18 Improvements	FY19 Improvements
73%	4,930	877	578

FY18 &19 Bicycle and Pedestrian Accommodations

Facility Type	Completed Project Length (miles)		Completed Project Count	
	FY18	FY19	FY18	FY19
Shared Use Path	2.7	12.01	3	7
Sidewalk	1.67	1.26	11	11
Bike Lane	0	6	1	1
Paved Shoulder	0	0	0	0
Paved Unpaved Road	0	0	0	0
Other Bike/Ped Facilities	-	-	5	13
Bike/Ped Design Features	-	-	0	2
Total	4.37	19.27	20	34

Other bike/ped facilities included curb ramp projects, paved shoulders less than 4 feet, ped signals, curb ramps, crosswalks, refuge islands, RRFBs, and traffic calming devices.