

Fiscal Year 2017 Bicycle and Pedestrian Metric Report

November 2017

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 in Fiscal Year 2017 (FY17) which includes dates between July 1st, 2016 and June 30th, 2017. 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 FY17. 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 FY17 and the total number of improvements delivered since 2014 when tracking began.
- Bicycle and pedestrian accommodations entered into the RIMS database in FY17. 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 FY17 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. The totals include accommodations on both VDOT and locally-maintained streets. Corrections should be sent to John.Bolecek@VDOT.Virginia.gov.

Bristol District Summary

Curb Ramps

Bristol has 1% of the statewide curb ramp inventory. Since tracking began in 2014, 74 curb ramp improvements have been delivered. Zero (0) improvements were added in FY17.

FY17 Bicycle and Pedestrian Accommodations

| Facility Type | Completed Projects Length (miles) | Completed Projects Count |
|---------------------------|-----------------------------------|--------------------------|
| Shared Use Path | - | - |
| Sidewalk | 0.48 | 2 |
| Bike Lane | - | - |
| Paved Shoulder | 38.59 | 3 |
| Paved Unpaved Road | 21.18 | 20 |
| Other Bike/Ped Facilities | - | - |
| Bike/Ped Design Features | - | - |
| Total | 60.25 | 25 |

Secondary Street Additions (RIMS)

| Facility Type | Completed Projects Length (miles) |
|-----------------|-----------------------------------|
| Shared Use Path | - |
| Sidewalk | - |
| Bike Lane | - |
| Paved Shoulder | - |

0 miles of sidewalks were entered into the RIMS in FY17 for Secondary Street Additions.

Salem District Summary

Curb Ramps

Salem District has 9% of the statewide curb ramp inventory. Since tracking began in 2014, 142 curb ramp improvements have been delivered. Twenty-one (21) improvements were added in FY17.

FY17 Bicycle and Pedestrian Accommodations

| Facility Type | Completed Projects Length (miles) | Completed Projects Count |
|--|-----------------------------------|--------------------------|
| Shared Use Path | 0.87 | 4 |
| Sidewalk | 1.23 | 4 |
| Bike Lane | - | - |
| Paved Shoulder | 5.00 | 3 |
| Paved Unpaved Road | 9.36 | 18 |
| Other Bike/Ped Facilities | - | 5 |
| Bicycle and Pedestrian Design Features | - | 4 |
| Total | 16.46 | 31 |

Other bike/ped design features include ped signals, bike parking, bicycle pumps, curb ramps, and crosswalks.

Secondary Street Additions (RIMS)

| Facility Type | Completed Projects Length (miles) |
|-----------------|-----------------------------------|
| Shared Use Path | - |
| Sidewalk | - |
| Bike Lane | - |
| Paved Shoulder | - |

0 miles of sidewalks were entered into the RIMS in FY17 for Secondary Street Additions.

Lynchburg District Summary

Curb Ramps

Lynchburg District has 1.3% of the statewide curb ramp inventory. Since tracking began in 2014, 179 curb ramp improvements have been delivered. Seventy-three (73) improvements were added in FY17.

FY17 Bicycle and Pedestrian Accommodations

| Facility Type | Completed Projects Length (miles) | Completed Projects Count |
|---------------------------|-----------------------------------|--------------------------|
| Shared Use Path | 0.63 | 1 |
| Sidewalk | 2.18 | 7 |
| Bike Lane | 0.30 | 1 |
| Paved Shoulder | 0.69 | 3 |
| Paved Unpaved Road | 5.63 | 8 |
| Other Bike/Ped Facilities | - | 1 |
| Bike/Ped Design Features | - | 1 |
| Total | 9.43 | 19 |

Other bike/ped design features include curb ramps.

Secondary Street Additions (RIMS)

| Facility Type | Completed Projects Length (miles) |
|-----------------|-----------------------------------|
| Shared Use Path | - |
| Sidewalk | - |
| Bike Lane | - |
| Paved Shoulder | - |

0 miles of sidewalks were entered into the RIMS in FY17 for Secondary Street Additions.

Richmond District Summary

Curb Ramps

Richmond District has 4.7% of the statewide curb ramp inventory. Since tracking began in 2014, 113 curb ramp improvements have been delivered. Eight (8) improvements were added in FY17.

FY17 Bicycle and Pedestrian Accommodations

| Facility Type | Completed Projects Length (miles) | Completed Projects Count |
|---------------------------|-----------------------------------|--------------------------|
| Shared Use Path | 8.09 | 1 |
| Sidewalk | 5.40 | 11 |
| Bike Lane | - | - |
| Paved Shoulder | 1.87 | 4 |
| Paved Unpaved Road | 14.56 | 15 |
| Other Bike/Ped Facilities | - | 5 |
| Bike/Ped Design Features | - | - |
| Total | 29.92 | 36 |

Other bike/ped facilities include ped signals, traffic calming, curb ramps, and crosswalks.

Secondary Street Additions (RIMS)

| Facility Type | Completed Projects Length (miles) |
|-----------------|-----------------------------------|
| Shared Use Path | - |
| Sidewalk | 5.65 |
| Bike Lane | - |
| Paved Shoulder | - |

5.65 miles of sidewalks were entered into the RIMS in FY17 for Secondary Street Additions.

Hampton Roads District Summary

Curb Ramps

Hampton Roads District has 2.4% of the statewide curb ramp inventory. Since tracking began in 2014, curb ramp improvements have been delivered. One hundred-seventeen (117) improvements were added in FY17.

FY17 Bicycle and Pedestrian Accommodations

| Facility Type | Completed Projects Length (miles) | Completed Projects Count |
|---------------------------|-----------------------------------|--------------------------|
| Shared Use Path | 4.16 | 4 |
| Sidewalk | 4.18 | 8 |
| Bike Lane | 4.31 | 2 |
| Paved Shoulder | 6.45 | 2 |
| Paved Unpaved Road | - | - |
| Other Bike/Ped Facilities | - | 2 |
| Bike/Ped Design Features | - | - |
| Total | 19.10 | 18 |

Other bike/ped facilities include curb ramps.

Secondary Street Additions (RIMS)

| Facility Type | Completed Projects Length (miles) |
|-----------------|-----------------------------------|
| Shared Use Path | 0.11 |
| Sidewalk | 2.89 |
| Bike Lane | - |
| Paved Shoulder | - |

0.11 miles of shared use paths and 2.89 miles of sidewalks were entered into the RIMS in FY17 for Secondary Street Additions.

Fredericksburg District Summary

Curb Ramps

Fredericksburg District has 5.2% of the statewide curb ramp inventory. Since tracking began in 2014 131 curb ramp improvements have been delivered. Forty-two (42) improvements were added in FY17.

FY17 Bicycle and Pedestrian Accommodations

| Facility Type | Completed Projects Length (miles) | Completed Projects Count |
|---------------------------|-----------------------------------|--------------------------|
| Shared Use Path | - | - |
| Sidewalk | 2.93 | 5 |
| Bike Lane | 0.64 | 1 |
| Paved Shoulder | 0.28 | 1 |
| Paved Unpaved Road | 0.38 | 3 |
| Other Bike/Ped Facilities | - | 4 |
| Bike/Ped Design Features | - | - |
| Total | 4.23 | 14 |

Other bike/ped facilities included 4 crossing improvements that include crosswalks, curb ramps, and pedestrian signal heads.

Secondary Street Additions (RIMS)

| Facility Type | Completed Projects Length (miles) |
|-----------------|-----------------------------------|
| Shared Use Path | - |
| Sidewalk | 9.26 |
| Bike Lane | - |
| Paved Shoulder | - |

9.26 miles of sidewalks were entered into the RIMS in FY17 for Secondary Street Additions.

Culpeper District Summary

Curb Ramps

Culpeper District has 1.7% of the statewide curb ramp inventory. Since tracking began in 2014 147 curb ramp improvements have been delivered. Ninety-six (96) improvements were added in FY17.

FY17 Bicycle and Pedestrian Accommodations

| Facility Type | Completed Projects Length (miles) | Completed Projects Count |
|---------------------------|-----------------------------------|--------------------------|
| Shared Use Path | 0.08 | 1 |
| Sidewalk | 0.36 | 2 |
| Bike Lane | - | - |
| Paved Shoulder | 2.53 | 3 |
| Paved Unpaved Road | 8.18 | 9 |
| Other Bike/Ped Facilities | - | 2 |
| Bike/Ped Design Features | - | - |
| Total | 11.14 | 16 |

Other bike/ped facilities included curb cuts installed in the Town of Orange using revenue sharing dollars.

Secondary Street Additions (RIMS)

| Facility Type | Completed Projects Length (miles) |
|-----------------|-----------------------------------|
| Shared Use Path | - |
| Sidewalk | 3.27 |
| Bike Lane | - |
| Paved Shoulder | - |

3.27 miles of sidewalks were entered into the RIMS in FY17 for Secondary Street Additions.

Staunton District Summary

Curb Ramps

Staunton District has 2.4% of the statewide curb ramp inventory. Since tracking began in 2014 135 curb ramp improvements have been delivered. Forty-one (41) improvements were added in FY17.

FY17 Bicycle and Pedestrian Accommodations

| Facility Type | Completed Projects Length (miles) | Completed Projects Count |
|---------------------------|-----------------------------------|--------------------------|
| Shared Use Path | 1.03 | 4 |
| Sidewalk | 1.58 | 6 |
| Bike Lane | - | 0 |
| Paved Shoulder | 0.80 | 2 |
| Paved Unpaved Road | 9.36 | 12 |
| Other Bike/Ped Facilities | - | 6 |
| Bike/Ped Design Features | - | - |
| Total | 12.77 | 30 |

Other bike/ped facilities and design features include ped signals, paved shoulders less than 4', curb ramps, bulb outs, and crosswalks.

Secondary Street Additions (RIMS)

| Facility Type | Completed Projects Length (miles) |
|-----------------|-----------------------------------|
| Shared Use Path | - |
| Sidewalk | 3.93 |
| Bike Lane | - |
| Paved Shoulder | - |

3.93 miles of sidewalks were entered into the RIMS in FY17 for Secondary Street Additions.

Northern Virginia District Summary

Curb Ramps

Northern Virginia District has 80.3% of the statewide curb ramp inventory. Since tracking began in 2014 3802 curb ramp improvements have been delivered. One thousand two-hundred eight (1208) improvements were added in FY17.

FY17 Bicycle and Pedestrian Accommodations

| Facility Type | Completed Projects Length (miles) | Completed Projects Count |
|---------------------------|-----------------------------------|--------------------------|
| Shared Use Path | 4.56 | 5 |
| Sidewalk | 5.88 | 16 |
| Bike Lane | 8.62 | 4 |
| Paved Shoulder | 2.89 | 3 |
| Paved Unpaved Road | 0.30 | 1 |
| Other Bike/Ped Facilities | - | 42 |
| Bike/Ped Design Features | - | 15 |
| Total | 22.24 | 86 |

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.

Secondary Street Additions (RIMS)

| Facility Type | Completed Projects Length (miles) |
|-----------------|-----------------------------------|
| Shared Use Path | - |
| Sidewalk | 42.51 |
| Bike Lane | - |
| Paved Shoulder | 1.98 |

42.51 miles of sidewalks and 1.98 miles of paved shoulders were entered into the RIMS in FY17 for Secondary Street Additions.