

Dover/Kent MPO Functional Classification Map Review

A. This first group will note inconsistencies between the 2005 Functional Classification Map the 2013 GIS map prepared by DeIDOT/Josh.

1. S. Carter Rd. from Sunnyside Road US 13: published as Local, digitized as Major Collector

DeIDOT – 2005 paper map incorrect. S Carter Rd is currently identified as a Major Collector in road inventory.

2. Wheel of Fortune Road between Leipsic Road and Dyke Bridge Road: published as local, digitized as Major Collector.

DeIDOT – This is an internal error; it is fixed now with Wheel of Fortune Rd being classified as Local.

3. Persimmon Tree Lane: break police between Major and Minor Collector are different, issue?

DeIDOT – To make it consistent, our team recommends classifying Persimmon Tree Lane as a Minor Collector between Leipsic Road and Bayside Drive.

4. Scarborough Rd. Between McKee Road and US 13: published as Maj. Collector digitized as Minor Arterial

DeIDOT – Scarborough Rd is designated as a Minor Arterial (green color defines Minor Arterials) on the 2005 paper map and it's a Minor Arterial in road inventory.

5. Crawford Carroll Road from Scarborough to Rustic Lane: missing from published map and digitized as Maj. Collector, likely okay

DeIDOT – Crawford Carroll Road appears on the 2005 paper map as a Major Collector. Our team recommends leaving it as such for now.

6. Sausbury/McKee Road from the 82 W. Denny's Road published as Maj. Collector, digitized as Minor Arterial

DeIDOT – Sausbury/McKee Road is designated as a Minor Arterial (green color defines Minor Arterials) on the 2005 paper map and it's a Minor Arterial in road inventory.

7. Connection from Willow Grove road to Mud Mill Road: published as a Major Collector digitized as a Local

DeIDOT – It appears to be published as a Major Collector due to the paper map's scale. The connection roadway is indeed a Local class, and digitized as such.

8. SR1 at Milford: in the city transitions from Other Principal Arterial's to Other Freeway/Expressway, the same at Little Heaven to Trap Shooters Road: appropriate?

DelDOT – We recommend downgrading the roadway segments that are currently identified as Other Freeway/Expressway to Principal Arterial. Even though those segments provide minimum access, it's not long enough to be considered Other Freeway/Expressway.

9. Notes: Smyrna in New Castle County looks reasonable and all the Collectors that go for Minor Collector to Major Collector at the Urbanized Area or municipal boundary, such as Turkey Point Road-Buffalo Road-Thompson Road

DelDOT – Our team recommends downgrading a part of Turkey Point Road that is currently designated as a Major Collector to a Minor Collector for system continuity and connectivity.

Buffalo Road is currently designated as Minor and Major Collector, and is proposed to downgrade it to Local. The AADT is 645 and it is not located along moderate population/employment centers, and it only seems to perform local traffic travel functions.

Thompson Road is designated as Local with AADT of 21. We assume that you mean Smyrna Leipsic Road that is partially Major and Minor. Minor Collector portion's AADT is 730 and it's located along moderate population areas which it provides access to, and it carries traffic to/from Other Freeway/Expressway; However, Major Collector portion doesn't have traffic counts. Our recommendations would be downgrading this roadway between US13 and US1 to a Minor Collector and between Sunnyside Rd and US13 to Local.

B. This second group will make recommendations for changes in Functional Classification as a result of the discussion with Mary Ellen Gray, Jason Barry and Jim Galvin.

1. Road 325 Big Oak Rd.-from US 13 to Big Oak Park: upgrade to Minor Collector

DelDOT – Our team recommends upgrading Big Oak Rd from US 13 to Smyrna Leipsic Rd to Minor Collector.

2. Road 88 Wheel of Fortune Road-Leipsic Road to Dyke Branch Road: a ADT is 215, last counted in 2010, digitized as Maj. Collector but should be a Local Road

DelDOT - This is an internal error; it is fixed now with Wheel of Fortune Rd being classified as Local.

3. Road 66 White Oak Rd.-SR 1 to the Garrison Park entrance: upgrade to Minor Collector

DelDOT – Our team recommends upgrading White Oak Rd from Acorn Lane to Bayside Drive to a Minor Collector.

4. Road 347 Lafferty Ln.-US 113 to Horsepond Road: a ADT is 3934 in 2012, recommend upgrade to Minor Collector

DelDOT - Our team recommends this change as well.

5. Road 7 US 13 is a Minor Arterial in the City of Dover?

DelDOT – Our team has evaluated this roadway based on FHWA General Guidelines for Roadway Functional Classification, and as a result, we recommend leaving it as a Minor Arterial in the City of Dover. It fits the following criteria: length (3-10 miles), density (located along moderate population and/or employment centers), transit usage (significant bus frequency), travel types (intra county transport), mobility vs. access (equal priority for access and mobility), and lane width (10 -12 ft). The

guideline for an outside shoulder width for Minor Arterial is 4-8 ft, where US13 in the City of Dover has some shoulders that are 0ft wide or as wide as 12 ft.

6. Local Road 14101B-if Crawford Carroll Road gets designated with a ROW, classify it as minor collector from KW Boulevard to Rustic Lane

DeIDOT – Functional Classification update is based on the existing conditions; therefore, our team recommends leaving Crawford Carroll Road is a Major Collector for now. However, we do recognize the possibility of downgrading it to Minor Collector in the future.

7. Road 156 Outer McKee Road: why is the section between Central Church Road and Fork Branch Road limited to Minor Collector, ADT is 3430, adjoining segments have similar volume and are included as Maj. Collectors

DeIDOT – Our team recommends to study this area in more detail to make appropriate functional classification changes.

8. Road 156 McKee Road is labeled as Saulsbury Road on the digitized copy

DeIDOT – Please let us know which digitized copy you are using for review. In Road Inventory it's labeled correctly as McKee Rd.

9. Road 156 Saulsbury Rd. from DE 8 to Scarborough Rd. has sufficient a ADT, last counted within the last few years, to be designated as at least a Minor Arterial

DeIDOT – This road is already designated as a Minor Arterial.

10. Road 102 Messina Hill Rd. ADT is 3053 last counted in 2011, upgrade to Minor Collector

DeIDOT - Our team recommends this change as well.

11. Road 149 Hickory Ridge Rd. from Bradford Road to US 13: ADT is 2690 counted in 2012, upgrade to Minor Collector

DeIDOT - Our team recommends this change as well.

12. Road 147 Hillyard Rd. from Bradford Road to DE 300: a ADT is a minimum at 1537 last counted in 2012, upgrade to Minor Collector

DeIDOT – Our team recommends this change as well.

13. Road 113 Hog Range Road between Cattail Branch Road and DE 16: ADT is a maximum of 205, why is it classified?

DeIDOT – Our team recommends this change as well.

14. Road 387 Roesville Road (near Killen's pond) ADT is 170 last counted in 2006, no development has been initiated on the road, downgrade to Local Road

DelDOT - Our team recommends this change as well.

15. Road 121 South Bowers Rd. between Milford neck Road and Bowers Beach-ADT is 226 last counted in 2011, classify as Local Road

DelDOT – Our team recommends leaving South Bowers Road between Milford Neck and Bowers Beach as a Minor Collector. This roadway fits most of the general guidelines criteria for roadway functional classification. Even though AADT is low, it provides access to lesser traveled residential and recreational areas and can serve as an evacuation route in case of emergency.

16. Road 456 North Shore Dr. within Milford City limits, ADT is 801 counted in 2010, downgrade at least to Minor Collector

DelDOT - Our team recommends downgrading it to Local.

17. Road number unknown NE. 10th St. in Milford from SR 1 to SR 1A-upgrade to at least Minor Collector

DelDOT - Our team recommends this change as well.

18. Road number unknown, City of Milford St., Airport Road between US 113 and DE 15-verify traffic counts and consider classification as a Minor Collector

DelDOT - Our team recommends this change as well.

19. Road 196 Mifflin Rd. from Hazletville Road to DE 8-ADT counted as 15663, last counted in 2012, currently a Local Road, sufficient volume for at least a Minor Arterial, worthy of change?

DelDOT - Our team recommends upgrading it to a Minor Collector due to its high traffic volumes and geographic location (between two arterials). However, it doesn't fit the criteria to become a Minor Arterial.

20. Road 101 Pearson's corner Road from Hazletville Road to DE 8-ADT is 3074 last counted in 2011, upgrade to Minor Collector and review remainder of the road for classification

DelDOT - Our team recommends upgrading Pearson's Corner Rd from DE 8 to Hazletville Road to a Minor Collector. Between Seven Hickories Road and DE 8 the traffic counts range from 1450 to 1599, thus, we recommend upgrading them to Minor Collectors.

21. Road 197 Artis Dr. from Hazletville Road to DE 8 ADT is 92 last counted in 2011, primary route when the new Dover High School opens in 2014, consider upgrade to Major Collector

DelDOT - Functional Classification update is based on the existing conditions; therefore, Artis Dr might be upgraded when the school is in place.

22. Road 158 Chestnut Grove Rd. between DE 8 and Kenton Road-ADT is 3036 last counted in 2011, upgrade to Minor Collector

DeIDOT - Our team recommends upgrading it to a Major Collector.

23. Road number unknown S. West St. in Dover, consider lowering classification if the ongoing study documents warrants to convert to a one-way street heading south

DeIDOT - Functional Classification update is based on the existing conditions; therefore, the functional class can be changed after the ongoing study documents are completed.

C. Group policy on state numbered routes being required to have an FC above Local; in the NHS

Our team recommends not considering a group policy for Kent and Sussex Counties which would require a Functional Class on state numbered routes to be above local. In New Castle County, these routes are more likely to fit general guidelines to at least be designated as Minor or Major Collectors, thus making it adequate to consider county-wide policy on “automatic” upgrade. However, in other two counties it’s recommended to have case by case evaluation, because class upgrade might not be appropriate for all state numbered roadways located there.

1. DE 15: K91 Mt Friendship Road between Brenford Road K42 and Wheatley’s Pond Road K41

DeIDOT - Our team recommends this change as well.

2. DE 15: K138 Alley Corner Road between Wheatleys Pond Road K41 and Millington Road/DE 6 K39

DeIDOT – Our team recommends leaving it classified as Local.

3. DE 15: K453 Duck Creek Road between Millington Road K39 and Clayton Ave (This is a street in a municipality with limited ROW. Would a change in FC require the street be blown out (over-improved) to provide adequate ROW?)

DeIDOT – We assume you mean West Duck Creek Rd between Millington Rd and Clayton Ave that is currently classified as Local. The answer to your question regarding ROW is “No, the street won’t be required to over improve to provide adequate ROW”. Our team recommends downgrading Duck Creek Rd to a Minor Collector from Kent County municipal boundary to Clayton Ave, while upgrading West Duck Creek Road from Clayton Ave to Millington Rd to a Minor Collector. In addition, we propose downgrading Clayton Ave between West Duck Creek Rd and Smyrna Clayton Blvd to Local.

4. DE 15: N482 Dock Creek Road West between Clayton Delaney Road N40 and Vandyke Greenspring Road N47

DeIDOT – We assume you mean Clayton Greenspring Road between Vandyke Greenspring Road and Clayton Delaney Road. It’s DE15 with traffic counts of 940 with high access and moderate mobility. Our team recommends upgrading it to a Minor Collector.

5. DE 15: K125 Moose Lodge Road between Westville Road K52 and Willow Grove Road/DE 10 K53

DeIDOT - Our team recommends this change as well.

6. DE 15: K125 Dundee Road between Willow Grove Road/DE 10 K53 and Henry Cowgill Road K54/DE 10A

DeIDOT - Our team recommends this change as well.

7. DE 6: K9 Woodland Beach Road between Hay Point Landing Road/DE 9 K11 and Woodland Beach community/Delaware Ave.

DeIDOT – Our team recommend upgrading Woodland Beach Road between Hay Point Landing Road and Delaware Avenue to a Minor Collector.

8. Does DE 42 continue past Millington Road/DE 6 on Longridge Road K129?

DeIDOT - Our team recommends this change as well.