

BALTIMORE METROPOLITAN PLANNING ORGANIZATION

BALTIMORE REGIONAL TRANSPORTATION BOARD

RESOLUTION #25-8

**AMENDING THE ADOPTED FUNCTIONAL CLASSIFICATION OF THE
ROADWAY NETWORK OF THE BALTIMORE REGION**

WHEREAS, the Baltimore Regional Transportation Board is the designated Metropolitan Planning Organization for the Baltimore region, encompassing the Baltimore Urban Area, and includes official representatives of the cities of Annapolis and Baltimore, the counties of Anne Arundel, Baltimore, Carroll, Harford, Howard, and Queen Anne's as well as representatives of the Maryland Department of Transportation, the Maryland Department of the Environment, the Maryland Department of Planning, the Maryland Transit Administration, and the RTA of Central Maryland; and

WHEREAS, the functional classification of roadways defines the role each element of the roadway network plays in serving various travel needs. Functional classification also carries with it expectations about roadway design, including the speed, capacity and relationship to existing and future land use development. Federal legislation continues to use functional classification in determining eligibility for funding under the Federal-aid program. Finally, as agencies continue to move towards a more performance-based management approach, functional classification will be an increasingly important consideration in setting expectations and measuring outcomes for preservation, mobility and safety; and

WHEREAS, the Intermodal Surface Transportation Efficiency Act of 1991 (and subsequent Authorization Acts), Section 1006(4)(c) and CFR, Federal Aid Highway Act of 1973, Title 23, Chapter 1, Part 470, Section 105, required each state to perform a functional classification of its roadways in accordance with the guidelines and schedules established by the U. S. Department of Transportation. This requirement continues through the current surface transportation legislation; and

WHEREAS, the State transportation agency shall have the primary responsibility for developing and updating a statewide highway functional classification in rural and urban areas to determine functional usage of the existing roads and streets. The State agency shall cooperate with responsible local officials in developing and updating the functional classification; and

WHEREAS, the Maryland Department of Transportation State Highway Administration has coordinated with Howard County regarding the reclassification of one roadway segment in the Baltimore region (see Attachment 1); and

NOW, THEREFORE, BE IT RESOLVED, that the Baltimore Regional Transportation Board approves the submission to the Federal Highway Administration of these updated functional classifications as revised for Howard County as prepared by the Maryland Department of Transportation.

I **HEREBY CERTIFY that** the Baltimore Regional Transportation Board, as the Metropolitan Planning Organization for the Baltimore region, approved the aforementioned resolution at its August 27, 2024 meeting.

Date

Anthony Russell, Chair
Baltimore Regional Transportation Boar

Maryland Functional Classification Change Request Form

1. Date request submitted July 19, 2024	County Howard	Municipality/City <small>If applicable</small>
2. Road name Ten Oaks Road	Route number <small>If applicable</small>	Begin point/ End point 3.77/5.55 0.68/3.77
3. Current Classification Local Road	Proposed Classification Major Collector	Mileage to be re-classified 4.8
4. Description of road segment <small>(include proposed or existing)</small> Ten Oaks Road is a one-lane roadway consisting of one 11-foot-wide lane in each direction. Access is uncontrolled. The speed limit along Ten Oaks Road is 35 mph. AADT along Ten Oaks Road is approximately 5,000. Ten Oaks Road provides access to both residential neighborhoods and commercial areas. Limits for this segment of Ten Oaks Road are from Triadelphia Road south to Brighton Dam Road. Ten Oaks Road north of Triadelphia Road to Pfefferkorn Road and from Brighton Dam Road south to MD 108 are classified as Rural Major Collectors.		
6. Reason for change in classification <small>(include state project number if applicable)</small> The following segments of Ten Oaks Road below are classified as Rural Major Collectors: Ten Oaks Road from Triadelphia Road to Pfefferkorn Road Ten Oaks Road from Brighton Dam Road to MD 108 (Clarksville Pike Road) Ten Oaks Road provides access to/from Brighton Dam Road, a Major Collector, and to/from Triadelphia Road, a Minor Collector. Based on FHWA's 2023 <i>Highway Functional Classification: Concepts, Criteria and Procedures</i> manual, the segment of Ten Oaks Road currently classified as local providing access to/from major collectors and minor collectors warrants a reclassification from Local Road to Major Collector.		
8. City/County DOT signature See attached July 19, 2024, concurrence letter from Howard County.		Date
9. MPO Board signatures <small>(include if applicable)</small>		Date
10. MDOT SHA Office of Planning and Preliminary Engineering (OPPE) Director Signature		

Classification change request steps:

1. County/City coordinates request with MDOT SHA OPPE.
2. County/City submits functional classification change request form with sections 1-8 completed and returns form to MDOT SHA OPPE.
3. MDOT SHA OPPE coordinates request with MPO (if applicable)
4. MPO returns completes section 9 and returns form to MDOT SHA OPPE (if applicable)
5. MDOT SHA OPPE completes section 10 and submits form along with supplemental map and mileage tables to FHWA for review and approval.

**Howard County – Rural Highway Mileage by Functional Classification State Highway,
State Toll, County, and Municipal Systems**

Functional Classification	Interstate	Other Freeways & Expressways	Other Principal Arterial	Minor Arterial	Major Collector	Minor Collector	Local	Total Rural
Existing Miles	10.960	0.417	11.845	7.720	34.279	28.498	223.111	316.830
Existing %	3.46%	0.13%	3.74%	2.44%	10.82%	8.99%	70.42%	100%
Proposed								
Ten Oaks Road	-	-	-	-	+4.8	-	-4.8	-
Proposed %	10.960	0.417	11.845	7.720	39.079	28.498	218.311	316.830
	3.46%	0.13%	3.74%	2.44%	12.33%	8.99%	68.90%	100%

**FHWA Guidelines for Urban Systems in Urban States compared to Howard County's
Rural Highway System (%)**

	FHWA Guidelines*	Howard County Rural System Before	Howard County Rural System After
Interstate	1-2	3.46	3.46
Other Freeways & Expressways	0-2	0.13	0.13
Other Principal Arterials	4-5	3.74	3.74
Minor Arterials	7-12	2.44	2.44
Major Collectors	7-13	10.82	12.33
Minor Collectors	7-13	8.99	8.99
Local	63-75	70.42	68.90

*Source: *Highway Functional Classification Concepts, Criteria and Procedures* (2023, United States Department of Transportation Federal Highway Administration)



OFFICE OF TRANSPORTATION

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Calvin Ball, County Executive • Clarence Dickerson, Administrator

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July 19, 2024

Dear Mr. Moravec:

The Howard County Office of Transportation has collaborated with Maryland Department of Transportation's State Highway Administration (MDOT SHA) for an interim federal functional classification adjustment for Ten Oaks Road.

The following segments of Ten Oaks Road are currently classified as Rural Major Collectors by MDOT SHA:

- Ten Oaks Road from Triadelphia Road to Pfefferkorn Road
- Ten Oaks Road from Brighton Dam Road to MD 108 (Clarksville Pike)

The section of Ten Oaks Road from Brighton Dam Road (Rural Major Collector) to Triadelphia Road (Rural Minor Collector) and has uncontrolled access to residential neighborhoods and commercial areas. The speed limit along Ten Oaks Road is 35 MPH and has an AADT of approximately 5,000 vehicles. This section of road is classified as a Major Collector under Howard County's functional classification system.

Based on the FHWA's 2023 Highway Functional Classification: Concepts, Criteria and Procedures manual, the above characteristics warranting a reclassification from Local Road to Major Collector since this section provides access to and from Major Collectors and Minor Collectors.


Howard County is requesting to change the Federal Functional Classification of the road segment from a Rural Local Road to a Rural Major Collector.

Thank you for your consideration of this proposed functional classification change.

David Cookson, for Clarence Dickerson
Deputy Administrator
Howard County Office of Transportation

Mr. Darren Bean, Functional Classification Program Manager, SHA
Mr. Matt Baker, Deputy Chief Engineer for Planning, Engineering, and Real Estate, SHA
Ms. Tara Penders, Chief, Regional and Intermodal Planning Division, SHA
Ms. Lisa Shemer, Deputy Director, Data Collection and Performance, SHA
Mr. Andrew Radcliffe, District 7 Engineer, SHA
Mr. Clarence Dickerson, Administrator, Howard County Office of Transportation
Mr. Yosef Kebebe, Director, Howard County Department of Public Works

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8. City/County DOT signature		Date
 (David Cookson for Clarence Dickerson)		7/19/2024
9. MPO Board signatures <small>(include if applicable)</small>		Date
10. MDOT SHA Office of Planning and Preliminary Engineering (OPPE) Director Signature		Date

Ten Oaks Road Location Map

