

**BALTIMORE METROPOLITAN PLANNING ORGANIZATION**

**BALTIMORE REGIONAL TRANSPORTATION BOARD**

**RESOLUTION #23-4**

**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 Urbanized 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 Annapolis Transit; 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, requires 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; 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 Anne Arundel 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 Anne Arundel 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 23, 2022 meeting.

8-23-22

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Date



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Sam Snead, Chair  
Baltimore Regional Transportation Board



**ANNE  
ARUNDEL  
COUNTY**

**M A R Y L A N D**

Office of Transportation  
Anne Arundel County, Maryland  
2664 Riva Road, 3rd Floor – MS-6600  
Annapolis, MD 21401  
410-222-7440

**Samuel D. Snead**  
Director of Transportation

May 12, 2022

Mr. C. Scott Pomento, P.E.  
Director of Office of Planning and Preliminary Engineering  
Maryland State Highway Administration, MS-C411  
707 N. Calvert Street  
Baltimore MD 21202

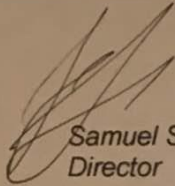
Dear Mr. Pomento:

The Anne Arundel County Office of Transportation staff had previously collaborated with Maryland Department of Transportation State Highway Administration (MDOT SHA) regarding an interim federal functional classification adjustment for MD 553 (Old South River Road) from MD 2 (Solomon's Island Road) to MD 2 (Solomon's Island Road) (see attached map). This was placed on hold, however I have reviewed and concur with the adjustments detailed below and would like to proceed at this time.

These segments of MD 553, currently classified as a Local, provides primary access to an arterial road and allows for traffic circulation within a mixture of residential, commercial and marina zoning and use. Collectively, the features along this segment of MD 553 are not consistent with its existing functional classification. For these reasons, we are proposing to change the Federal Functional Classification of MD 553 (Old South River Road) from MD 2 (Solomon's Island Road) to MD 2 (Solomon's Island Road) to Minor Collector as shown on the attached map.

Thank you for your attention and assistance in this matter. Please contact Brian Ulrich at [trulri44@aacounty.org](mailto:trulri44@aacounty.org) or (410) 222-7711 if you need additional information or clarification.

Sincerely,

  
Samuel Snead  
Director

cc: Mr. Matt Baker, Chief of Regional and Intermodal Planning, State Highway Administration  
Mr. Eric Beckett, Deputy Director of Office of Planning and Preliminary Engineering, State Highway Administration  
Ms. Heather Murphy, Director of Planning and Capital Programming, Maryland Department of Transportation  
Mr. Jerry Einolf, Deputy Director of Data Collection and Performance, State Highway Administration  
Mr. Peter Regan, Functional Classification Manager, State Highway Administration  
Mrs. Kimberly Tran, District 5 Engineer, State Highway Administration  
Mrs. Lori Rhodes, Deputy CAO of Land Use, Office of the County Executive  
Mr. Christopher Phipps, Director, Anne Arundel County Department of Public Works  
Mr. Steven Kaii-Ziegler, Planning & Zoning Officer, Anne Arundel County Office of Planning & Zoning

# Proposed Classification Upgrade for MD 553



**Legend**

- OPZ Parcels
- Annapolis City Parcels
- Street Names
- Street Centerlines

1: 3,600

**Notes**

600.0 0 300.00 600.0 Feet

NAD\_1983\_HARN\_StatePlane\_Maryland\_FIPS\_1900\_Feet  
© Latitude Geographics Group Ltd.

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.  
**THIS MAP IS NOT TO BE USED FOR NAVIGATION**

**Anne Arundel County – Urban Highway Mileage by Functional Classification  
State Highway, State Toll, County, and Municipal Systems**

<b>Functional Classification</b>	<b>Interstate</b>	<b>Other Freeways &amp; Expressways</b>	<b>Other Principal Arterial</b>	<b>Minor Arterial</b>	<b>Major Collector</b>	<b>Minor Collector</b>	<b>Local</b>	<b>Total Urban</b>
Existing Miles	30.820	58.860	66.215	161.098	163.908	81.248	1483.823	2045.972
Existing %	1.51%	2.88%	3.24%	7.87%	8.01%	3.97%	72.52%	100%
<b>Proposed</b>								
<i>MD 553B</i>	-	-	-	-		+0.18	-0.18	-
<i>MD 553C</i>	-	-	-	-		+0.25	-0.25	-
<i>Proposed %</i>	30.820	58.860	66.215	161.098	163.908	81.678	1483.393	2045.972
	1.51%	2.88%	3.24%	7.87%	8.01%	3.99%	72.50%	100%

**FHWA Guidelines for Urban Systems in Urban States compared to  
Anne Arundel County’s Urban Highway System (%)**

	<b>FHWA Guidelines*</b>	<b>Anne Arundel County Urban System Before</b>	<b>Anne Arundel County Urban System After</b>
Interstate	1-2	1.51	1.51
Other Freeways & Expressways	0-2	2.88	2.88
Other Principal Arterials	4-5	3.24	3.24
Minor Arterials	7-12	7.87	7.87
Major Collectors	7-13	8.01	8.01
Minor Collectors	7-13	3.97	3.99
Local	63-75	72.52	72.50

\*Source: *Highway Functional Classification Concepts, Criteria and Procedures* (2013, United States Department of Transportation Federal Highway Administration).

## Maryland Functional Classification Change Request Form

1. Date request submitted	County Anne Arundel	Municipality/City If applicable N/A
2. Road name Old South River Road South River Road	Route number If applicable MD 553B MD 553C	Begin point/ End point 0.09/0.27 0.00/0.25
3. Current Classification Local	Proposed Classification Minor Collector	Mileage to be re-classified 0.43
4. Description of road segment (include proposed or existing)  MD 553B and MD 553C are two-lane roadways, each consisting of one 11-foot-wide lane in each direction. The existing roadways are undivided and have varying shoulder widths on each side. Access is uncontrolled. MD 553B and MD 553C provide primary access to MD 2 and allow for traffic circulation within a mixture of residential, commercial, and marina zoning and land-uses. Annual average daily traffic counts are unavailable for MD 553B and MD 553C. The speed limit along both is 25 mph.		
5. Reason for change in classification (include state project number if applicable)  Based on FHWA's 2013 <i>Highway Functional Classification: Concepts, Criteria and Procedures</i> manual, geometry of the roadway and density of residential and commercial areas along MD 533B and MD 553C warrants a reclassification from <u>Local</u> road to <u>Minor Collector</u> . MD 533B and MD 553C provide access to/from MD 2, an Other Principal Arterial, to/from residential and commercial areas. The segment of MD 533C between the beginning mile point and MD 533B would keep its current classification, that of Local road.		
6. City/County DOT signature See attached May 12, 2022, concurrence letter from Anne Arundel County.		Date
7. MPO Board signatures (include if applicable)		Date
8. MDOT SHA Office of Planning and Preliminary Engineering (OPPE) Director Signature		Date

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.