

CARROLL COUNTY FUNCTIONAL CLASSIFICATION



Prepared by:
Department of Public Works
225 North Center Street, Room 200
Westminster, MD 21157
(410) 386-2157

<http://ccgovernment.carr.org/ccg/pubworks>

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CARROLL COUNTY
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Acknowledgements

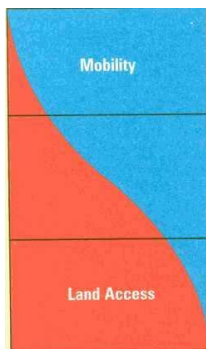
Carroll County Department of Planning
Maryland Department of Transportation
Town of Hampstead
Town of Manchester
Town of Mt. Airy
Town of New Windsor
City of Taneytown
Town of Sykesville
Town of Union Bridge
City of Westminster

Note: This document supersedes any other Functional Classification listing for Carroll County. Users of this document and list should check with the Department of Public Works to ensure that they have the most recent version.

Overview

The Carroll County Functional Classification is an important part of the Carroll County Transportation Master Plan. This document provides an assessment of all state, county, and municipal roadways determining the most appropriate county level functional classification while maintaining consistency across county and regional boundaries.

The functional classification is the process by which streets and highways are grouped into classes, or systems, according to the character of service they are intended to provide. Basic to this process is the recognition that individual roads and streets do not serve travel independently in any major way. Rather, most travel involves movement through a network of roads. It becomes necessary then to determine how this travel can be channelized within the network in a logical and efficient manner. Functional classification defines the nature of this channelization process by defining the part that any particular road or street should play in serving the flow of trips through a highway network. Local roadway classifications represent an emphasis on access to property, arterials represent a high level of mobility, and collectors represent a compromise between property access and mobility.



Relationship of functionally classified highway systems in serving traffic mobility and land access.

Source: *Safety Effectiveness of Highway Design Features*, Volume I, Access Control, FHWA, 1992

The purposes for determining a roadway's functional classification are many. The applicability of the roadways classifications are transferable among several government agencies. The Department of Public Works may consider a roadway's classification in developing design criteria. The Department of Economic Development may use a roadway's functional classification to establish economic development priorities or to enhance an industrial area's economic vitality. Assigning a functional classification to a specific roadway is an important part of creating and maintaining a safe and efficient roadway network.

A complete alphabetized inventory of the roadways in Carroll County is contained in Appendix A. of this document. Exhibits 1- 10 are maps of the entire county, enlarged view of Westminster to Sykesville, and the respective municipalities. This inventory is the official functional classification inventory for Carroll County and maybe revised as needed. Please check with the Carroll County Department of Public Works to ensure that you have the most recent version.

Functional Classification Criteria

The functional classification should be used as a general guide for roadway design and access control. While typical roadway design is based upon traffic volumes, speed and other engineering factors, it should be noted that not all roadways designated as collectors or arterials will have the same design. It is also important to note that a roadway's classification is based upon its daily traffic volumes, purpose, characteristics, and locations not just the design.

Roadways are classified into six categories: Interstate Principal Arterial/Freeway & Expressway, Other Principal Arterial, Minor Arterial, Major Collector, Minor Collector, and Local Roadways. These categories are defined as noted below with the respective number designation in parentheses:

- Interstate/Other Freeways & Expressway (1) – Link large population or employment centers. Can range from expressways to two-lane roadways. They are inter-county or interstate oriented and indicative of long travel lengths.
- Other Principal Arterial (2) – Supplements the principal arterial system. They provide service to trips of a moderate length while distributing travel to smaller geographic areas than those served by principal arterials.
- Minor Arterial (3) – Provide a lower level of mobility while placing more of an emphasis on land access than the other arterial classifications. These roadways typically provide a link to the collector roadway system and connect small population centers to the overall arterial system.
- Major Collector (4) – A major collector provides for both land access and movement within residential, commercial, industrial or agricultural areas. They are the links from the land uses to the arterials. Major collector roads provide service to areas not to an arterial route and to other important traffic generators such as schools, parks, etc.
- Minor Collector (5) – Minor collectors provide service to the remaining traffic generators and are spaced at intervals consistent with population densities. They bring all developed areas to major collectors or arterials.
- Local Roadways (6) – Local roads or streets provide for direct access to individual land uses. They discourage through traffic and are typically low in traffic volumes.

Area Definitions (Rural and Urban)

Urban and rural areas have fundamentally different characteristics as to density and type of land use, density of street and roadway networks, nature of travel patterns, and the way in which all these elements are related in the definitions of highway function.

The Maryland Department of Transportation/State Highway Administration, in accordance with the guidelines from the Federal Highway Administration (FHWA) has

developed the rural and urban areas within Carroll County. The FHWA has determined that experience has shown that extensions of rural arterial and collector routes provide an adequate arterial street network in areas of less than 5,000 persons. Urban designations are assigned for those areas having a population of 5,000 or more (including: Hampstead/Manchester Area, Mt. Airy Area, Taneytown Area, Westminster/Finksburg Area, and Freedom/Sykesville Area.)

Percentage of Total Roadway Miles by Classification

		FHWA(recommended)		Carroll County	
		Rural	Urban	Rural	Urban
1	Interstate/Other Freeways & Expressway	1-3	1-3	0	0.3
2	Other Principal Arterial	2-6	4-9	3.8	9.6
3	Minor Arterial	2-6	7-14	5.6	5.6
4	Major Collector	8-19	3-16	8.0	8.6
5	Minor Collector	3-15	3-16	14.5	12.9
6	Local Roadway	62-74	62-74	68.1	62.9

The table above compares Carroll County's classification percentages to the guidelines developed by FHWA. Because of varying geographic conditions (population density, spacing and size of cities/towns, density and pattern of road network) it is not feasible to define uniform nationwide criteria on size of population centers on trip length and traffic volume, or on spacing of routes, that would apply to all systems in all states. Many of the FHWA ranges apply to state averages and the percentages in any particular county may vary considerably from the statewide average.

Planned Roadways

Contact the Carroll County Department of Public Works for a current list of functional classifications for planned roadways.

Maps

Exhibit No. 1	Carroll County	Exhibit No. 6	New Windsor
Exhibit No. 2	Westminster - Sykesville	Exhibit No. 7	Sykesville
Exhibit No. 3	Hampstead	Exhibit No. 8	Taneytown
Exhibit No. 4	Manchester	Exhibit No. 9	Union Bridge
Exhibit No. 5	Mt. Airy	Exhibit No. 10	Westminster

References

Highway Functional Classification Concepts, Criteria and Procedures, U.S. Department of Transportation Federal Highway Administration 2013

EXISTING ROADWAY SYSTEM FUNCTIONAL CLASSIFICATION

Interstate Principal Arterial – Urban System – 1U

ROADNAME	BEGIN POINT	END POINT	MILEAGE
Interstate 70 (Balt. National Pike)	Frederick County Line	Howard County Line	1.61

Total Interstate Principal Arterial – Urban System Mileage = 1.61 miles

Other Principal Arterial – Rural System – 2R

ROADNAME	BEGIN POINT	END POINT	MILEAGE
Maryland 140	Urban Boundary	Frederick County Line	2.52
Maryland 140	Urban Boundary	Antrim Blvd	5.86
Maryland 26	Frederick County Line	Urban Boundary	6.70
Maryland 27	Nicodemus Rd	West Falls Rd	8.70
Maryland 30	Corp. Limits Manchester	Pennsylvania State Line	3.14
Maryland 31	Medford Rd	Old New Windsor Pike (MD 852)	2.05

Total Other Principal Arterial – Rural System Mileage = 28.97 miles

Other Principal Arterial – Urban System – 2U

ROADNAME	BEGIN POINT	END POINT	MILEAGE
Maryland 140	Baltimore County Line	Pleasant Valley Rd	14.19
Maryland 140	Antrim Blvd	Harney Rd	1.82
Maryland 140	Pleasant Valley Rd	Urban Boundary	0.12
Maryland 140	Harney Rd	Urban Boundary	0.54
Maryland 26	Klee Mill Rd	Linton Rd	0.76
Maryland 26	Urban Boundary	Klee Mill Rd	0.49
Maryland 26	Linton Rd	Baltimore County Line	5.70
Maryland 27	Chapel Rd	Maryland 140	3.27
Maryland 27	Chapel Rd	Nicodemus Rd	2.17
Maryland 27	Frederick County Line	Mount Airy Dr	4.30
Maryland 27	Mount Airy Dr	West Falls Rd	0.70
Maryland 30	Maryland 30BU	Houcksville Rd	1.33
Maryland 30	Baltimore County Line	Maryland 30BU	0.50
Maryland 30	Houcksville Rd	Brodbeck Rd	3.00
Maryland 30	Hampstead Bypass	Corp Limits Manchester	3.85
Maryland 30BU	Maryland 30	Houcksville Rd	2.61
Maryland 31	Old New Windsor Pke (MD 852)	Maryland 140	2.95
Maryland 31	Old New Windsor Pke (MD 852)	Medford Rd	1.20
Maryland 32	Howard County Line	Maryland 91	8.37
Maryland 91	Maryland 32	Maryland 140	3.21

Other Principal Arterial – Urban System Mileage = 61.08 miles

Minor Arterial – Rural System – 3R

ROADNAME	BEGIN POINT	END POINT	MILEAGE
High St	Main St	Manning Dr	0.17
Maryland 194	Angell Rd	PA State Line	3.82
Maryland 194	Frederick County Line	Urban Boundary	5.30
Maryland 194	Urban Boundary	Crouse Mill Rd	0.34
Maryland 27	Random Ridge Rd	Urban Boundary	3.96
Maryland 31	Frederick County Line	Old New Windsor Rd (MD 852)	4.08
Maryland 482	Leisters Church Rd	Brodbeck Rd	3.35
Maryland 97	Corp Limits Westminster	PA State Line	8.31
Maryland 97	Maryland 26	Maryland 32	6.72
Woodbine Rd	Maryland 26	Howard County Line	6.26

Minor Arterial – Rural System Mileage = 42.31 miles

Minor Arterial – Urban System – 3U

ROADNAME	BEGIN POINT	END POINT	MILEAGE
E Main St	Maryland 97	Corp Limits Westminster	0.30
E Main St	Corp Limits Westminster	Maryland 27	0.98
E Ridgeville Blvd	S Main St	Maryland 27	0.34
Englar Rd	Maryland 140	Sunshine Wy/Hahn Rd	0.30
Gorsuch Rd	Center St	Coon Club Rd	3.38
Hahn Rd	Maryland 27	Englar Rd	0.42
Maryland 194	Crouse Mill Rd	Angell Rd	2.02
Maryland 27	Westminster St	Maryland 30	0.45
Maryland 27	Urban Boundary	Westminster St	0.40
Maryland 27	Random Ridge Rd	Urban Boundary	0.17
Maryland 27	Random Ride Rd	Maryland 140	3.25
Maryland 30BU	Maryland 30	Houcksville Rd	1.61
Maryland 32	Maryland 91	Corp Limits Westminster	4.00
Maryland 32	Maryland 91	Corp Limits Westminster	1.74
Maryland 32	Maryland 91	Corp Limits Westminster	2.59
Maryland 482	Maryland 27	Leisters Church Rd	0.55
Maryland 482	Brodbeck Rd	Maryland 30	0.71
Maryland 482	Maryland 30	Maryland 30BU	0.80
Maryland 808A	S Main St (MU 215)	Maryland 27	2.34
Maryland 97	Maryland 32	Urban Boundary	0.75
Maryland 97	Urban Boundary	Maryland 140	2.43
Maryland 97	Maryland 140	Corp Limits Westminster	1.90
Maryland 97	Pennsylvania Ave	Wyndtryst Dr	0.17
Pennsylvania Ave	W Main St	Maryland 97 (Ahead)	0.90
Ridge Rd	Maryland 26	Brangles Rd	1.60
W Main St	Maryland 27	Maryland 31	1.01
W Main St	New Windsor Rd	Uniontown Rd	0.47
Washington Rd	Maryland 32 (Back)	E Main St	0.33

Minor Arterial – Urban System Mileage = 35.91 miles

Major Collector – Rural System – 4R

ROADNAME	BEGIN POINT	END POINT	MILEAGE
Deer Park Rd	Louisville Rd	Baltimore County Line	2.29
Gorsuch Rd N	Urban Boundary	Maryland 482	1.26
Harney Rd	Urban Boundary	PA State Line	4.33
Houcksville Rd	Maryland 30 Bypass	Coon Club Rd	1.26
Main St	Bark Hill Rd	Maryland 75	0.33
Marriottsville Rd	Howard County Line	Baltimore County Line	1.19
Marriottsville Rd #2	Arrington Rd	Marriottsville Rd	1.23
Maryland 407	Maryland 31	Maryland 27	3.81
Maryland 496	Maryland 97	Maryland 30	7.23
Maryland 75	Frederick County Line	Maryland 31	5.43
Maryland 77	Frederick County Line	Maryland 194	1.93
Maryland 86	Valley Vista Ct	PA State Line	2.71
Maryland 97	Howard County Line	Maryland 26	5.71
Medford Rd	Stone Chapel Rd	Old New Windsor Pke (MD 852)	0.27
Middleburg Rd	Maryland 194	Uniontown Rd	6.72
Old Hanover Rd	Maryland 97	PA State Line	3.85
Sullivan Rd	Lemmon Rd	Maryland 27	2.96
Trevanion Rd	Baust Church Rd	Uniontown Rd	0.64
Trevanion Rd	Urban Boundary	Baust Church Rd	3.55
Uniontown Rd	Trevanion Rd	Middleburg Rd	0.07
Uniontown Rd	Urban Boundary	Trevanion Rd	3.14
Water Tank Rd	York St	Schalk Rd #1	0.76

Major Collector – Rural System Mileage = 60.67 miles

Major Collector – Urban System – 4U

ROADNAME	BEGIN POINT	END POINT	MILEAGE
Antrim Blvd	Maryland 140	Trevanion Rd	0.71
Bartholow Rd	Maryland 32	Linton Rd (Urban Boundary)	2.59
Bennett Rd	Maryland 32	Oklahoma Rd	1.29
Bond St	W Main St	Out of Corp Limits Westminster	0.22
Bond St	Corp Limits Westminster	Maryland 27	0.59
Center St	Market St	Out of Corp Limits Westminster	0.12
Center St	Corp Limits Westminster	Cranberry Rd N&S	0.70
Center St	Cranberry Rd N&S	Maryland 140	0.27
Center St	Maryland 140	Bishop St	1.13
Center St	Bishop St	Maryland 32	0.67
Chapel Rd	Stone Chapel Rd	Maryland 27	1.27
Deer Park Rd	Maryland 91	Louisville Rd	1.09
Deer Park Rd	Bird View Rd	Maryland 91	2.88
Deer Park Rd	Maryland 32	Bird View Rd	1.72
Englar Rd	John St	Maryland 140	0.22
Gorsuch Rd N	Coon Club Rd	Maryland 482	0.79
Gorsuch Rd N	Manchester Ave	Center St	0.33
Green Mill Rd	Maryland 140	Old Westminster Pke	0.07
Green St E&W	Washington Rd	Bond St	0.92
Harney Rd	Maryland 140	Urban Boundary	0.18
Harney Rd	Maryland 140	PA State Line	0.06
Hook Rd	Maryland 32	Maryland 97	0.29
Houcksville Rd	Maryland 30BU	Out of Corp Limits Hampstead	0.05
Houcksville Rd	Corp Limits Hampstead	Maryland 30	0.70
Houcksville Rd	Maryland 30	Coon Club Rd	0.66
John St	Corp Limits Westminster	W Main St	0.23
John St	Carroll St	Corp Limits Westminster	0.25
Johnsville Rd	Freedom Ave	Maryland 32	1.45
Kate Wagner Rd	Maryland 27	Maryland 32	1.37
Malcolm Dr	Maryland 140	End of Roadway	0.24
Manchester Ave	E Main St	Manchester Ave (CO 362)	0.22
Manchester Ave	Manchester Ave (MU 340)	Gorsuch Rd N	0.09
Market St	Malcolm Dr	Maryland 140	0.67
Marriottsville Rd #2	Ridge Rd	Arrington Rd	0.94
Maryland 86	Maryland 30	Valley Vista Ct	1.28
Maryland 88	Old Black Rock Rd (MD 833)	Baltimore County Line	0.38
Maryland 88	Old Black Rock Rd (MD 833)	Baltimore County Line	0.38
Maryland 91	Industrial Park Dr	Baltimore County Line	2.70
Maryland 91	Maryland 140	Industrial Park Dr	0.53
Meadow Branch Rd	Meadow Branch Rd (MU 358)	Maryland 140	1.69
Meadow Branch Rd	Maryland 97	Meadow Branch Rd (CO 257)	0.64
Medford Rd	Stone Chapel Rd	Old New Windsor Pke (MD 852)	1.18
Obrecht Rd	Obrecht Rd (CO 675)	Third Ave	0.48
Obrecht Rd	Maryland 97	Obrecht Rd (MU 230)	2.34
Oklahoma Rd	Maryland 26	Mineral Hill Rd	1.75
Old Westminster Pke	Maryland 97	Green Mill Rd	4.86
Park Ave	S Main St	Maryland 27	0.74
Prospect Rd	N Main St	Frederick County Line	0.12
Ridge Rd	Brangles Rd	Marriottsville Rd #2	0.65
Royer Rd	Uniontown Rd	Maryland 140	0.55
S Main St	Maryland 27	E Ridgeville Blvd	0.29
Sandymount Rd	Lawndale Rd	Old Westminster Pke	1.08
Sullivan Ave	Pennsylvania Ave	Wimert Ave	0.20
Sullivan Rd	Maryland 140	Lemmon Rd (Urban Boundary)	1.85
Sullivan Rd	Wimert Ave	Maryland 140	0.05
Third Ave	Obrecht Rd	Springfield Ave (MD 851)	0.26
Trevanion Rd	Maryland 140	Antrim Blvd	0.87
Trevanion Rd	Antrim Blvd	Urban Boundary	0.45
Twin Arch Rd	Maryland 27	Twin Arch Rd (CO 589)	0.42
Uniontown Rd	Corp Limits Westminster	Rockland Rd	0.20
Uniontown Rd	W Main St	Out of Corp Limits Westminster	1.77
Uniontown Rd	Rockland Rd	Urban Boundary	0.64
Uniontown Rd	Urban Boundary	Trevanion Rd	0.68
WMC Dr	Maryland 31	Maryland 140	0.32
York St	Maryland 30	Water Tank Rd	0.66

Major Collector – Urban System Mileage = 54.99 miles

Minor Collector – Rural System – 5R

ROADNAME	BEGIN POINT	END POINT	MILEAGE
Alesia Rd	Alesia to Lineboro Rd	Hoffmanville Rd	0.09
Alesia to Lineboro Rd	S Church St	Alesia Rd	2.40
Arthur Shipley Rd	Salem Bottom Rd	Bushey Rd	1.57
Bark Hill Rd	Corp. Limits Union Bridge	Main St	0.09
Bark Hill Rd	Middleburg Rd	Corp. Limits Union Bridge	2.54
Bartholow Rd	Klee Mill Rd	Maryland 97	0.77
Bartholow Rd	Linton Rd	Klee Mill Rd	1.56
Bethel Rd	Carrollton Rd	Urban Boundary	0.56
Bowersox Rd	Maryland 407	Stone Chapel Rd	2.88
Braddock Rd	Woodbine Rd	Maryland 27	2.61
Bucher John Rd	W Locust St	Good Intent Rd	0.21
Bushey Rd	Maryland 26	Arthur Shipley Rd	0.81
Cape Horn Rd N	Snydersburg Rd	Maryland 482	0.77
Carrollton Rd	Wesley Rd	Houcksville Rd S	0.21
Church St	Maryland 31	Main St	0.11
Church St	Main St	Old New Windsor Rd	0.06
Clear Ridge Rd	Maryland 75	Middleburg Rd	3.04
Coon Club Rd	Urban Boundary	Houcksville Rd	0.86
Deep Run Rd E	Deep Run Rd W	Maryland 30	4.97
Deep Run Rd W	Old Hanover Rd	Deep Run Rd E	1.81
E Locust St	Maryland 75	Quaker Hill Rd	0.36
Falls Rd	Baltimore County Line	Hoffmanville Rd	1.72
Fridinger Mill Rd	Old Bachmans Valley Rd	Fridinger Mill Rd (MU 71)	5.37
Gillis Falls Rd	Challedon Cir	Woodbine Rd	4.15
Good Intent Rd	Bucher John Rd	Frederick County Line	0.15
Halter Rd	Pleasant Valley Rd	Mayberry Rd	3.53
Harrisville Rd	Frederick County Line	Akers Dr	0.63
Henryton Rd	Arrington Rd	Mariottsville Rd	1.92
Hoffmanville Rd	Falls Rd	Alesia Rd	0.47
Hoods Mill Rd	Woodbine Rd	Maryland 97	2.92
Houcksville Rd	Coon Club Rd	Carrollton Rd	1.23
Klee Mill Rd	Nicholson Rd	Urban Boundary	3.44
Locust St W	Warehime Al	Maryland 75	0.04
Maple Grove Rd	Basler Rd	Warehime Rd	0.66
Mayberry Rd	Halter Rd	Maryland 97	0.38
Millers Station Rd	Water Tank Rd	Baltimore County Line	4.27
N Church St	PA State Line	Maryland 86	0.62
Nicodemus Rd	Maryland 27	Urban Boundary	4.41
Nicodemus Rd	Medford Rd	Bowersox Rd	1.68
Old Bachmans Valley Rd	Lemmon Rd	Fridinger Mill Rd	1.44
Old New Windsor Rd	Church St	Hawks Hill Rd	0.31
Old Washington Rd	Salem Bottom Rd	Short Ln	1.18
Patapsco Rd	Wesley Rd	Urban Boundary	0.94
Pleasant Valley Rd	Hughes Shop Rd	Halter Rd	2.38
Quaker Hill Rd	Shepherds Mill Rd	Corp Limits Union Bridge	0.32
Quaker Hill Rd	Quaker Hill Rd (CO 230)	E Locust St	0.08
Quaker Hill Rd	Corp Limits Union Bridge	Out Corp Limits Union Bridge	0.08
Quaker Hill Rd	Quaker Hill Rd (MU 125)	Quaker Hill Rd (MU 125)	0.11
Rinehart Rd	Saw Mill Rd E	Deep Run Rd E	3.07
S Church St	Maryland 86	Alesia to Lineboro Rd	0.17
Salem Bottom Rd	Washington St (MD 854)	Maryland 26	5.87
Sams Creek Rd	Maryland 27	Salem Bottom Rd	1.55
Saw Mill Rd E	Maryland 496	Rinehart Rd	1.27
Schalk Rd #1	Alesia to Lineboro Rd	Water Tank Rd	2.24
Shepherds Mill Rd	Quaker Hill Rd	Maryland 75	1.05
Shiloh Rd	Gorsuch Rd N	Brodbeck Rd	1.66
St Paul Rd	Baltimore County Line	Houcksville Rd	2.09
Stone Rd	Maryland 97	Tyrone Rd	3.14
Streaker Rd	White Rock Rd	Woodbine Rd	3.18
Union Bridge Rd	Middleburg Rd	Union Bridge Rd (MU 155)	0.97
Union Bridge Rd	Union Bridge Rd (CO 218)	Bark Hill Rd	0.38
W Locust St	Bucher John Rd	Warehime Al	0.24
Warehime Rd	Millers Station Rd	Maple Grove Rd	1.47
Warfieldsburg Rd	Old Washington Rd (MD 854)	Maryland 27	1.88
Water Tank Rd	Schalk Rd #1	Maryland 86	2.55
Watersville Rd	Watersville Rd W	Howard County Line	1.10

Minor Collector – Rural System – 5R (cont.)

Watersville Rd W	Runkles Rd	Watersville Rd	0.57
Wesley Rd	Carrollton Rd	Patapsco Rd	0.55
White Rock Rd	Maryland 26	Obrecht Rd	2.55

Minor Collector – Rural System Mileage = 110.26 miles

Minor Collector – Urban System – 5U

ROADNAME	BEGIN POINT	END POINT	MILEAGE
140 Village Rd	East Main St	End of Roadway	0.17
Arnold Rd	Hook Rd	Old Westminster Pke	1.75
Arrington Rd	Henryton Rd	Raincliffe Rd	1.18
Basler Rd	Maryland 30	Maple Grove Rd	0.56
Bethel Rd	Maryland 140	Old Westminster Pke	0.21
Bethel Rd	Urban Boundary	Maryland 140	0.37
Bollinger Rd	Old Westminster Pke	Hook Rd	1.28
Bollinger Rd	Hook Rd	Deer Park Rd	0.82
Brangles Rd	Ridge Rd	Arrington Rd	1.41
Brodbeck Rd	Maryland 482	Maryland 30	2.91
Brodbeck Rd	Shiloh Rd	Maryland 482	0.75
Buffalo Rd	S Main St	Frederick County Line	0.57
Cape Horn Rd N	Maryland 30	Snydersburg Rd	2.23
Carroll St	25th St	Englar Rd	0.16
Carroll St	W Main St	25th St	0.28
Coon Club Rd	Leisters Church Rd	Urban Boundary	2.48
Cranberry Rd N	Cranberry Rd N&S	Old Manchester Rd (MD 582)	0.07
Cranberry Rd N&S	Cranberry Rd N (MD 852)	Center St	0.69
Cranberry Rd S	Center St	Maryland 140	0.30
Fairmount Rd	Greenmount Church Rd	Fairmount Rd (MU 20)	0.93
Fairmount Rd	Fairmount Rd (CO 162)	Maryland 30BU	0.17
Freedom Ave	Maryland 32	Johnsville Rd	0.87
Fridinger Mill Rd	Fridinger Mill Rd (CO 148)	Maryland 30	0.22
Gaither Rd	Obrecht Rd	Howard County Line	1.54
Georgetown Blvd	Macbeth Wy	Londontown Blvd	0.70
Gill Ave	Maryland 30BU	Maryland 833	0.05
Gillis Falls Rd	Maryland 27	Challedon Cir	0.20
Gist Rd	Maryland 32	Kate Wagner Rd	1.51
Harrisville Rd	Akers Dr	Maryland 27	0.69
Hook Rd	Gist Rd	Maryland 32	0.44
Hook Rd	Maryland 97	Bollinger Rd	2.68
Johnsville Rd	Maryland 32	Freedom Ave	1.28
Klee Mill Rd	Maryland 32	Nicholson Rd	0.92
Klee Mill Rd	Urban Boundary	Maryland 26	0.69
Lawndale Rd	Sandymount Rd	Maryland 91	2.90
Leisters Church Rd	Gorsuch Rd N	Maryland 482	0.97
Lemmon Rd	Old Bachmans Valley Rd	Sullivan Rd	0.76
Linton Rd	Bartholow Rd	Maryland 26	1.61
Londontown Blvd	Maryland 32	Georgetown Blvd	0.39
Lower Beckleysville Rd	Black Rock Rd	Baltimore County Line	0.55
Lucabaugh Mill Rd	Sullivan Rd	Maryland 27	1.27
Macbeth Wy	Brangles Rd	End of Roadway	1.72
Macbeth Wy	Maryland 32	End of Roadway	0.61
Magna Wy	Maryland 97	Old Bachmans Valley Rd	0.39
Maple Grove Rd	Maryland 30	Basler Rd	0.76
Maryland 833	Blackrock Rd	Maryland 30BU	0.84
Maryland 851	Maryland 32	Howard County Line	1.23
Merridale Blvd	Ridge Ave	Park Ave	0.34
Mineral Hill Rd	Oakland Rd	Pine Knob Rd (Ahead)	1.77
Monroe Ave	Oklahoma Rd	Maryland 26	0.97
Monroe St	Pennsylvania Ave	Out of Corp Limits Westminster	0.22
Monroe St	Corp Limits Westminster	Englar Rd	0.23
New Windsor Rd	Maryland 31	W Main St	2.19
Nicodemus Rd	Urban Boundary	Maryland 32	0.37
Oakland Mills Rd	Maryland 26	Oakland Rd	0.99
Old Bachmans Valley Rd	Magna Wy	Lemmon Rd	0.32
Old Washington Rd	Short Ln	Maryland 32	0.33
Old Westminster Pke	Maryland 140	End of Roadway	1.12

Minor Collector – Urban System – 5U (cont.)

Panther Dr	Maryland 482	Sunset Dr	0.54
Patapsco Rd	Urban Boundary	Sandymount Rd	0.55
Pine Knob Rd	Mineral Hill Rd (Back)	Maryland 32	1.07
Piney Ridge Pkwy	Maryland 32	Maryland 26	1.20
Pleasant Valley Rd	Maryland 97	Urban Boundary	0.52
Pleasant Valley Rd	Urban Boundary	Hughes Shop Rd	0.25
Poole Rd	Arnold Rd	Maryland 97	2.11
Raincliffe Rd	Corp Limits Sykesville	Maryland 32	0.12
Raincliffe Rd	Arrington Rd	Corp Limits Sykesville	1.10
Ralph St	Maryland 140	Greenwood Ave	0.20
Reese Rd	Old Westminster Pke	Maryland 140	0.15
Ridge Ave	Park Ave	E Ridgeville Blvd	0.70
Roberts Mill Rd	Bancroft St	Pump House Rd	1.11
Roth Ave	Maryland 140	Roberts Mill Rd	0.25
S Pleasant Valley Rd	Halter Rd	Old Taneytown Rd (MD 832)	2.44
Sandosky Rd	Main St (MD 851)	Maryland 32	0.39
Sandymount Rd	Patapsco Rd	Lawndale Rd	0.77
Shiloh Ave	Willow St	Out of Corp Limits Hampstead	0.04
Shiloh Ave	Corp Limits Hampstead	Maryland 30BU	0.26
Shiloh Ave	Corp Limits Hampstead	Corp Limits Hampstead	0.26
Shiloh Rd	Brodbeck Rd	Wellesley Ct	0.74
Shiloh Rd	Wellesley Ct	Willow St	0.64
Short Lane Rd	Maryland 32	Old Washington Rd (MD 854)	0.18
Slacks Rd	Macbeth Wy	Ridge Rd	0.23
Spout Hill Rd	Third Ave	Springfield Ave (MD 851)	0.52
Stone Chapel Rd	Chapel Rd	New Windsor Rd (MD 852)	2.22
Stone Chapel Rd	Maryland 852	Avondale Rd	0.85
Stone Chapel Rd	Avondale Rd	Chapel Rd	0.32
Stoner Ave	Maryland 32	Center St	0.60
Sunshine Wy	Sullivan Rd	Hahn Rd	0.97
Tahoma Farm Rd	Tahoma Farm Rd (OP 1067)	Uniontown Rd	1.15
Twin Arch Rd	Twin Arch Rd (MU 345)	Howard County Line	0.52
Upper Beckleysville Rd	East A1	Burnside Rd	0.27
Upper Beckleysville Rd	Maryland 30BU	East A1	0.05
Upper Beckleysville Rd	Burnside Rd	Baltimore County Line	1.63
Watersville Rd	Corp Limits Mount Airy	Maryland 27	0.05
Watersville Rd	N Main St (MD 808)	Out of Corp Limits Mount Airy	0.26
Watersville Rd W	Maryland 27	Urban Boundary	0.86
Watersville Rd W	Urban Boundary	Runkles Rd	0.44
Willow St	Houcksville Rd	End of Roadway	0.06
Willow St	Shiloh Rd	Shiloh Ave	0.06
Willow St	Shiloh Ave	Willow St (CO 441)	0.52
Windsor Dr	Maryland 31	Royer Rd	1.14

Minor Collector – Urban System Mileage = 82.24 miles

APPENDIX A