

Appendix F

Queen Anne's County Ride Stop Improvement Profiles

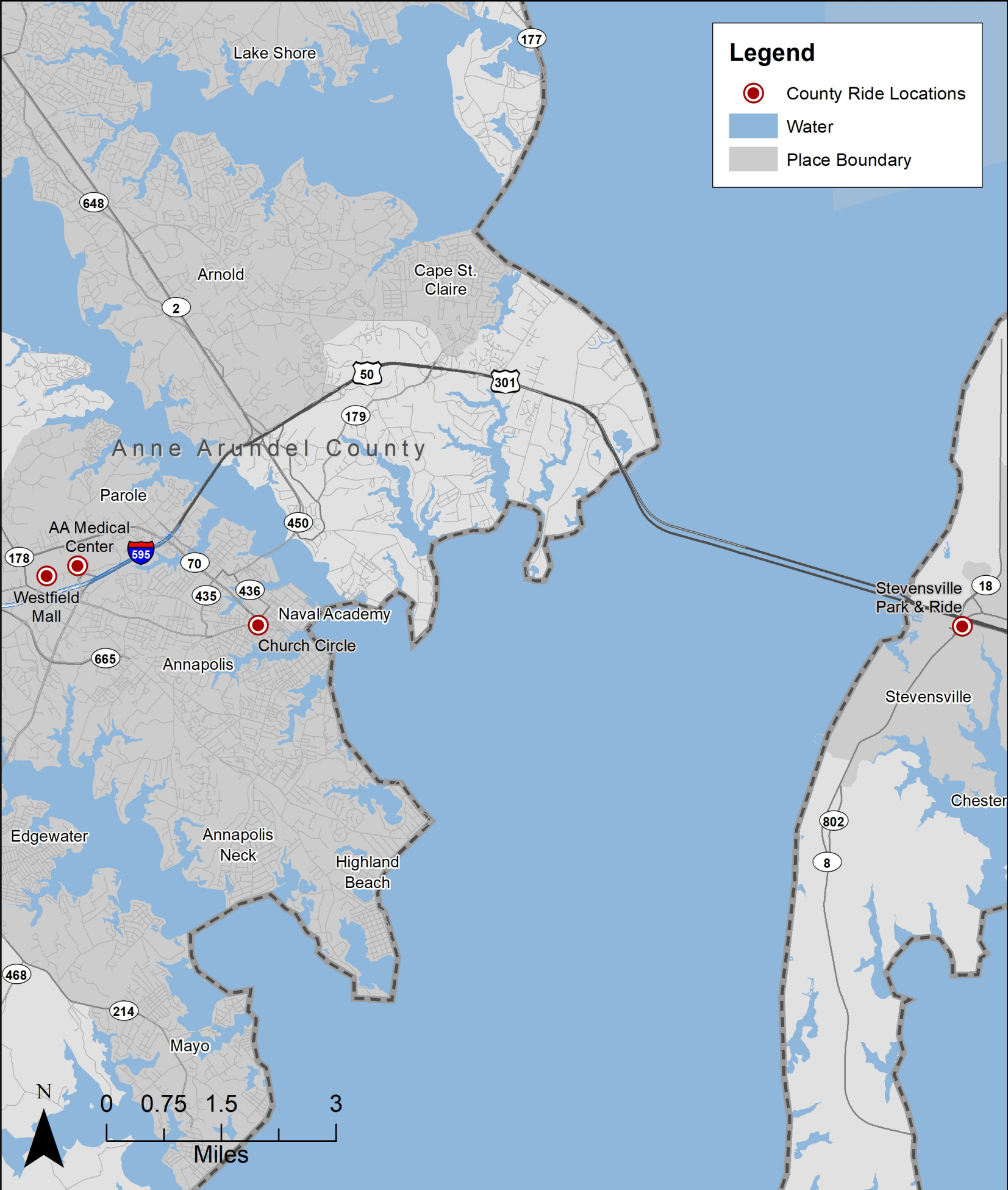


Appendix F

Queen Anne’s County Ride Potential Transfer Stops

AA Medical Center	1
Church Circle	5
Stevensville Park & Ride.....	8
Westfield Mall.....	11

Queen Anne's County Ride-MTA Transfer Locations Reference Map



BMC Transfer Study Location Profiles

AA Medical Center

LOTS: Anne Arundel Transit, Annapolis Transit, & Queen Anne's County Ride

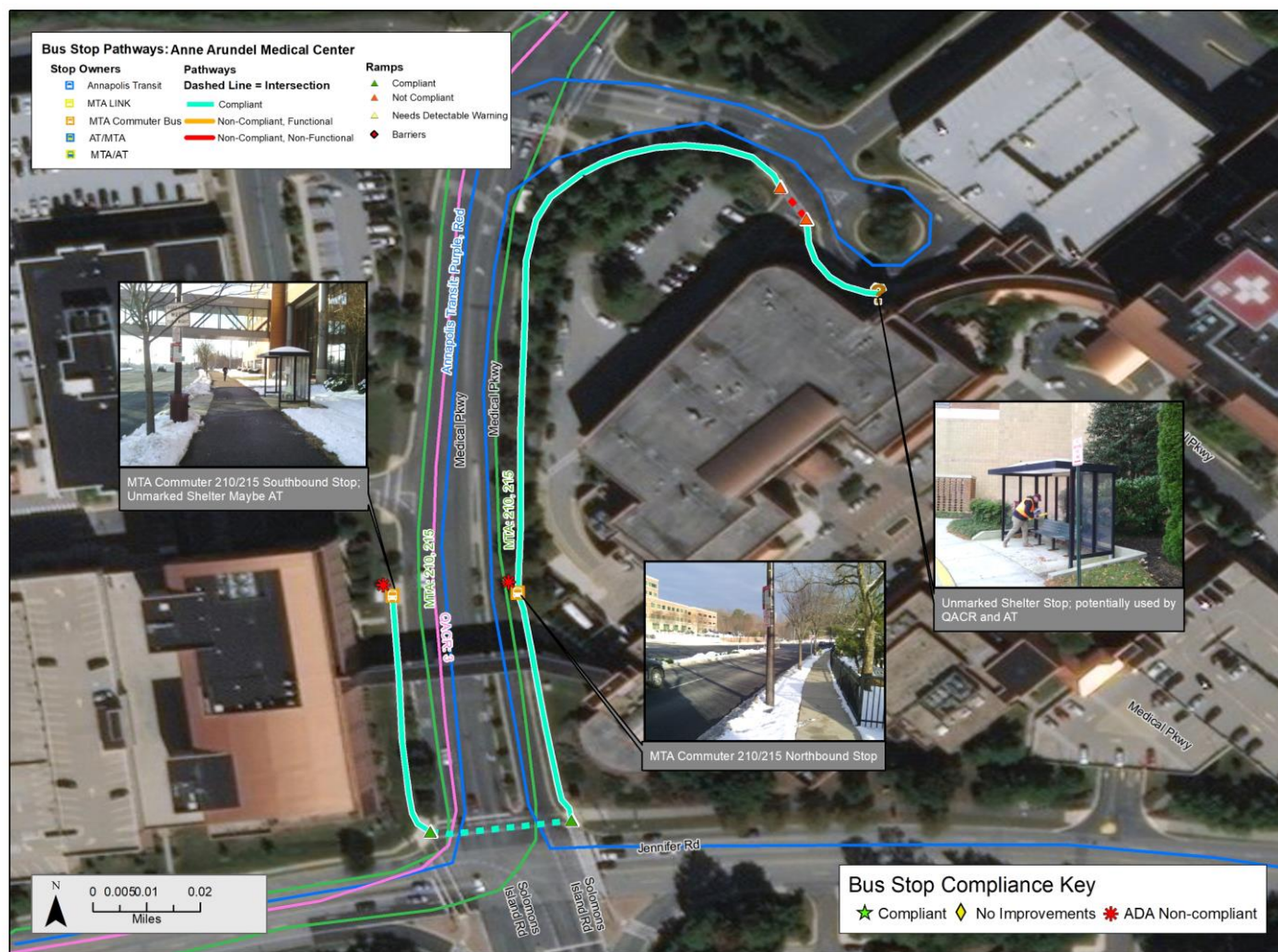
MTA Bus Service: Commuter & LINK

Location Type: Medical Center

Number of Distinct Stops: 2



**BALTIMORE
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Compliance Overview

Landing Pads Needed:	2	Curb Ramps to Install:	2
Sidewalk (ft) to be installed/repaired:	0	Detectable Warnings Needed:	2
Signs with Non-Compliant Height:	0	Consolidate Signage?	
New Signs Needed:	Yes	Pedestrian Control:	Yes
Compliant Amenities:	Yes	Traffic Control:	Yes

Scheduling and Estimated Costs

Daily MTA Stops:	10	Average Transfer Time:	0:41
Daily LOTS Stops:	62	<15 Minute Transfers:	28

Total Estimated Improvement Costs:

\$8,050.00

AA Medical Center		
Anne Arundel County		
Required Improvements		
New sidewalk to be installed	0	\$0.00
New Curb Ramps	2	\$7,000.00
Detectable warning	2	\$150.00
Enhanced Improvements		
Pedestrian Control	0	\$0.00
Crosswalk	1	\$300.00
Stop 1: MTA Stop	Primary Owner:	MTA Commuter Bus
Compliant Landing Pad	0	\$0.00
New Sign	1	\$200.00
Stop 2: Unknown Izzo Pav	Primary Owner:	Unknown
New Compliant Landing Pad	0	\$0.00
New Signs	2	\$400.00
	Location Cost:	\$7,450.00
	Stop 1 Cost:	\$200.00
	Stop 2 Cost:	\$400.00
	Total Cost	\$8,050.00

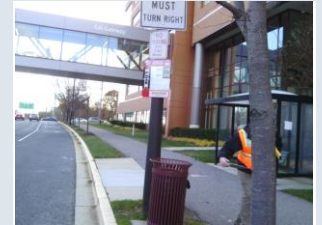
BMC Transfer Study Stop Inventory

Transfer Location: **AA Medical Center** Heading: **180**
 Stop ID: **NA** Placement: **Farside**
 On Street: **MEDICAL PKWY** Speed: **40 mph**
 Cross Street: **SAJAK PAVILIO** Travel Lanes: **6+**
 Survey Date: **11/27/2018** Compliance Level: **ADA Non-Com**



Bus Stop Sign

Number of Signs: **1** Stop Owner 1: **MTA Commuter Bus**
 Sign Installation: **Light pole** Stop Owner 2: **NA**
 Sign Height: **Less than 80"** Stop Owner 3: **NA**
 Route Info: **MTA 210,215**



Approaching Stop

Shelters and Other Amenities

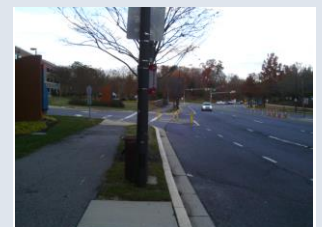
Shelters: **1** Info Case: **No**
 Shelter Foundation: **Concrete** Info Case Accessible: **NA**
 Shelter Damage: **None** Info Case Damage: **None**
 Shelter Accessible? **Yes** Digital Display? **No**
 Entrance Accessible? **Yes** Route Schedule? **No**
 Interior Accessible? **Yes** System Map? **No**
 Benches? **1** Route Map? **No**
 Bench Location: **Shelter** Trash Can? **Yes**
 Bench Damage: **None** Publication Boxes? **0**
 Bike Racks? **No**



Across from Stop

Accessibility

Landing Pad: **Yes, unobstructed** Sidewalk Width: **8**
 Material: **Concrete** Obstruction: **None**
 Surface Problem: **None** Land Buffer: **Yes**
 Obstruction: **None** Surface Problem: **None**
 Connect Sidewalk? **Yes** Curb Ramp: **Perpendicular**
 Connect Curb? **Yes** Detectable Warning: **Yes**



Departing Stop

Safety

CR Connect OSNS: **No** Crosswalk OSNS: **No** Traffic Control OS: **None**
 CR Connect OSFS: **No** Crosswalk OSFS: **No** Traffic Control CS: **Stop sign**
 CR Connect CSAS: **Yes** Crosswalk CSAS: **Yes** Ped Control OS: **No**
 CR Connect CSOP: **NA** Crosswalk CSOP: **NA** Ped Control CS: **No**

Ridership and Improvements

MTA Ridership: **0**
 LOTS Riders:

Estimated Stop Improvement Cost:
\$200.00

BMC Transfer Study Stop Inventory

Transfer Location: AA Medical Center Heading: 150
 Stop ID: NA Placement: Farside
 On Street: PAVILION PKWY Speed: 10 mph
 Cross Street: IZZO WAY Travel Lanes: 2
 Survey Date: 11/27/2018 Compliance Level: Compliant



Bus Stop Sign

Number of Signs: 0 Stop Owner 1: NA
 Sign Installation: NA Stop Owner 2: NA
 Sign Height: NA Stop Owner 3: NA
 Route Info: NA



Approaching Stop

Shelters and Other Amenities

Shelters: 1 Info Case: No
 Shelter Foundation: Concrete Info Case Accessible: NA
 Shelter Damage: None Info Case Damage: NA
 Shelter Accessible? Yes Digital Display? No
 Entrance Accessible? Yes Route Schedule? No
 Interior Accessible? Yes System Map? No
 Benches? 1 Route Map? No
 Bench Location: Shelter Trash Can? Yes
 Bench Damage: None Publication Boxes? 0
 Bike Racks? No



Across from Stop

Accessibility

Landing Pad: Yes, unobstructed Sidewalk Width: 5
 Material: Concrete Obstruction: None
 Surface Problem: None Land Buffer: No
 Obstruction: None Surface Problem: None
 Connect Sidewalk? Yes Curb Ramp: Perpendicular
 Connect Curb? Yes Detectable Warning: Yes



Departing Stop

Safety

CR Connect OSNS: No Crosswalk OSNS: No Traffic Control OS: None
 CR Connect OSFS: No Crosswalk OSFS: No Traffic Control CS: Stop sign
 CR Connect CSAS: Yes Crosswalk CSAS: Yes Ped Control OS: No
 CR Connect CSOP: NA Crosswalk CSOP: NA Ped Control CS: No

Ridership and Improvements

MTA Ridership:
 LOTS Riders: 2

Estimated Stop Improvement Cost:
\$400.00

BMC Transfer Study Location Profiles

Church Circle

LOTS: Anne Arundel Transit, Annapolis Transit, & Queen Anne's County Ride

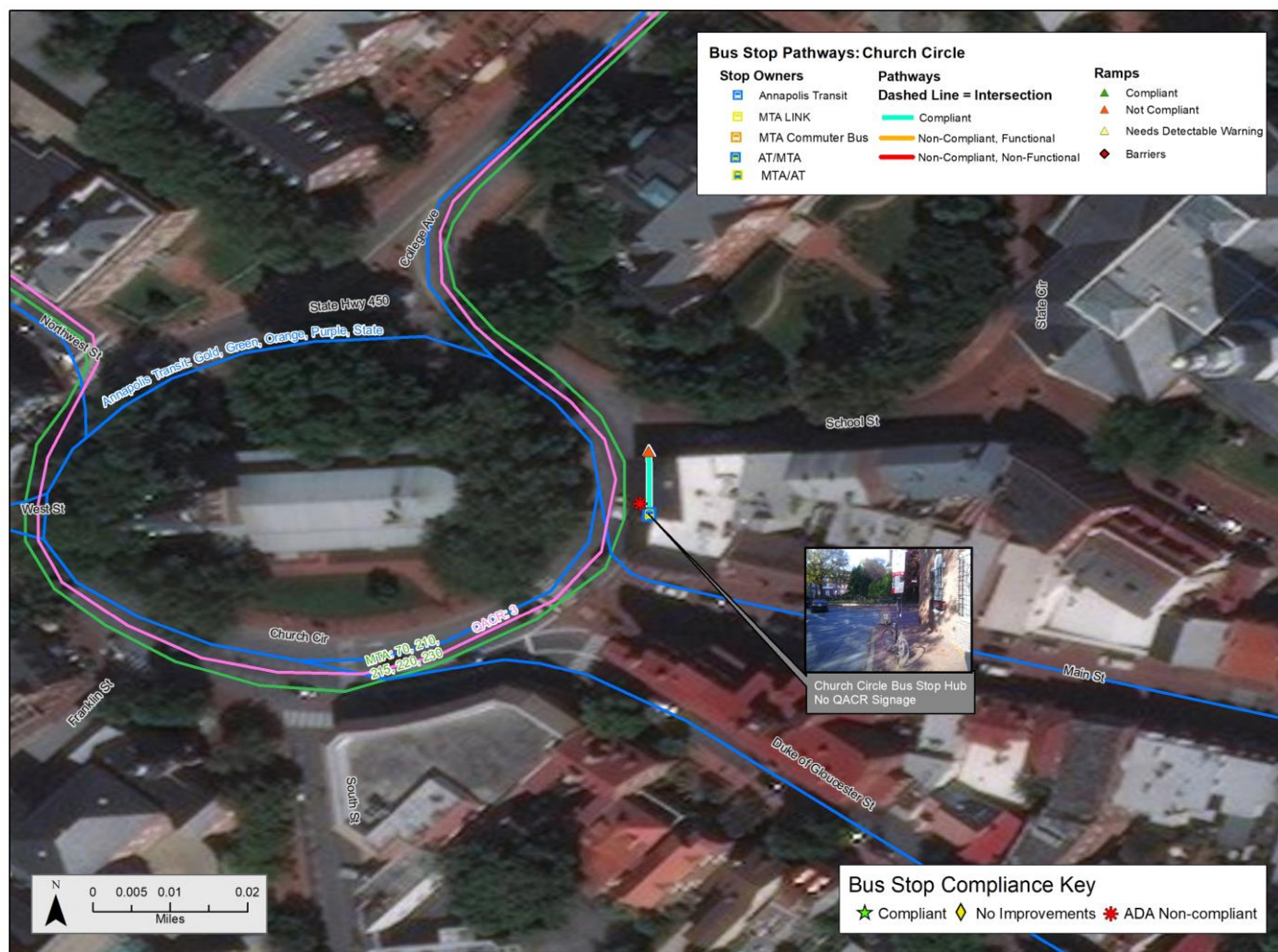
MTA Bus Service: Commuter & Link

Location Type: Transit Center-Basic Bus Stop

Number of Distinct Stops: 1



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Compliance Overview

Landing Pads Needed:	1	Curb Ramps to Install:	1
Sidewalk (ft) to be installed/repaired:	0	Detectable Warnings Needed:	1
Signs with Non-Compliant Height:	1	Consolidate Signage?	
New Signs Needed:	Yes	Pedestrian Control:	Yes
Compliant Amenities:	Yes	Traffic Control:	Yes

Scheduling and Estimated Costs

Daily MTA Stops:	8	Average Transfer Time:	0:47
Daily LOTS Stops:	14	<15 Minute Transfers:	9

Total Estimated Improvement Costs:

\$24,275.00

Church Circle		
Anne Arundel County		
Required Improvements		
New sidewalk to be installed	0	\$0.00
New curb ramps	1	\$3,500.00
Detectable warning	1	\$75.00
Enhanced Improvements		
Pedestrian Control	0	\$0.00
Crosswalk	0	\$0.00
Stop 1: AT/AA/MTA/QACR Stop	Primary Owner:	Annapolis Transit
New Compliant Landing Pad	1	\$4,000.00
New Sign	1	\$200.00
New Shelter	1	\$15,000.00
New Information Case	1	\$500.00
New Digital Display	1	\$1,000.00
	Location Cost:	\$3,575.00
	Stop 1 Cost:	\$20,700.00
	Total Cost	\$24,275.00

BMC Transfer Study Stop Inventory

Transfer Location:	Church Circle	Heading:	360
Stop ID:	NA	Placement:	Nearside
On Street:	CHURCH CIR	Speed:	25 mph
Cross Street:	SCHOOL ST	Travel Lanes:	2
Survey Date:	11/27/2018	Compliance Level:	ADA Non-Com



Bus Stop Sign

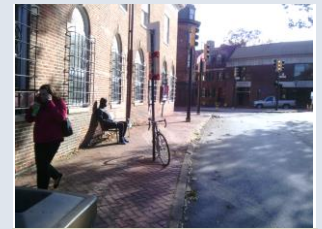
Number of Signs:	2	Stop Owner 1:	Annapolis Transit
Sign Installation:	Bus Stop Pole	Stop Owner 2:	MTA Commuter Bus
Sign Height:	Less than 80"	Stop Owner 3:	NA
Route Info:	AT GREEN, GOLD, ORANGE, STATE, CIRCULATOR MTA 210, 250		



Approaching Stop

Shelters and Other Amenities

Shelters:	0	Info Case:	No
Shelter Foundation:	NA	Info Case Accessible:	NA
Shelter Damage:	NA	Info Case Damage:	None
Shelter Accessible?	NA	Digital Display?	No
Entrance Accessible?	NA	Route Schedule?	No
Interior Accessible?	NA	System Map?	No
Benches?	1	Route Map?	No
Bench Location:	Freestanding	Trash Can?	Yes
Bench Damage:	None	Publication Boxes?	0
Bike Racks?	No		



Across from Stop

Accessibility

Landing Pad:	No, sidewalk	Sidewalk Width:	8
Material:	Brick Pavers	Obstruction:	None
Surface Problem:	None	Land Buffer:	No
Obstruction:	None	Surface Problem:	Uneven pavement
Connect Sidewalk?	Yes	Curb Ramp:	Perpendicular
Connect Curb?	Yes	Detectable Warning:	No



Departing Stop

Safety

CR Connect OSNS:	No	Crosswalk OSNS:	No	Traffic Control OS:	None
CR Connect OSFS:	No	Crosswalk OSFS:	No	Traffic Control CS:	Stop sign
CR Connect CSAS:	Yes	Crosswalk CSAS:	Yes	Ped Control OS:	No
CR Connect CSOP:	No	Crosswalk CSOP:	No	Ped Control CS:	No

Ridership and Improvements

MTA Ridership:	79
LOTS Riders:	2

Estimated Stop Improvement Cost:
\$20,700.00

BMC Transfer Study Location Profiles

Stevensville Park & Ride

LOTS: Queen Anne's County Ride

MTA Bus Service: Commuter

Location Type: Transit Center-Park & Ride

Number of Distinct Stops: 2



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Compliance Overview

Landing Pads Needed:	0	Curb Ramps to Install:	0
Sidewalk (ft) to be installed/repaired:	0	Detectable Warnings Needed:	0
Signs with Non-Compliant Height:	0	Consolidate Signage?	Yes
New Signs Needed:	Yes	Pedestrian Control:	NA
Compliant Amenities:	Yes	Traffic Control:	NA

Scheduling and Estimated Costs

Daily MTA Stops:	33	Average Transfer Time:	0:54
Daily LOTS Stops:	5	<15 Minute Transfers:	7

Total Estimated Improvement Costs:

\$18,120.00

Stevensville Park & Ride		
Queen Anne's County		
Required Improvements		
New sidewalk to be installed	0	\$0.00
New curb ramps	0	\$0.00
Detectable warning	0	\$0.00
Enhanced Improvements		
Pedestrian Control	0	\$0.00
Crosswalk	0	\$0.00
Stop 1: Park & Ride Stop	Primary Owner: MTA Commuter	
New Compliant Landing Pad	0	\$0.00
New Sign	1	\$200.00
New Digital Display	1	\$1,000.00
	Location Cost:	\$0.00
	Stop 1 Cost:	\$1,200.00
	Total Cost	\$1,200.00

BMC Transfer Study Stop Inventory

Transfer Location: **Stevensville Park & Ride** Heading: **230**
 Stop ID: **NA** Placement: **At Location**
 On Street: **STEVENSVILLE P** Speed: **NA**
 Cross Street: **BUS BAY** Travel Lanes: **NA**
 Survey Date: **11/27/2018** Compliance Level: **Compliant**



Bus Stop Sign

Number of Signs: **2** Stop Owner 1: **MTA Commuter Bus**
 Sign Installation: **Shelter** Stop Owner 2: **MTA LINK**
 Sign Height: **Less than 80"** Stop Owner 3: **NA**
 Route Info: **MTA 210, 240**



Approaching Stop

Shelters and Other Amenities

Shelters: **2** Info Case: **Yes**
 Shelter Foundation: **Concrete** Info Case Accessible: **Accessible**
 Shelter Damage: **None** Info Case Damage: **Other**
 Shelter Accessible? **Yes** Digital Display? **No**
 Entrance Accessible? **Yes** Route Schedule? **Yes**
 Interior Accessible? **Yes** System Map? **No**
 Benches? **2** Route Map? **Yes**
 Bench Location: **Shelter** Trash Can? **No**
 Bench Damage: **None** Publication Boxes? **6**
 Bike Racks? **Yes**



Across from Stop

Accessibility

Landing Pad: **Concrete** Sidewalk Width: **4**
 Material: **None** Obstruction: **None**
 Surface Problem: **None** Land Buffer: **No**
 Obstruction: **None** Surface Problem: **None**
 Connect Sidewalk? **Yes** Curb Ramp: **Perpendicular**
 Connect Curb? **Yes** Detectable Warning: **Yes**



Departing Stop

Safety

CR Connect OSNS: **No** Crosswalk OSNS: **No** Traffic Control OS: **None**
 CR Connect OSFS: **No** Crosswalk OSFS: **No** Traffic Control CS: **None**
 CR Connect CSAS: **No** Crosswalk CSAS: **No** Ped Control OS: **No**
 CR Connect CSOP: **No** Crosswalk CSOP: **No** Ped Control CS: **No**

Ridership and Improvements

MTA Ridership: **113**
 LOTS Riders: **1**

Estimated Stop Improvement Cost:
\$1,200.00

BMC Transfer Study Location Profiles

Westfield Mall

LOTS: Anne Arundel Transit, Annapolis Transit & Queen Anne's County Ride

MTA Bus Service: Commuter & LINK

Location Type: Transit Center-Shopping Center

Number of Distinct Stops: 2



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Compliance Overview

Landing Pads Needed:	0	Curb Ramps to Install:	0
Sidewalk (ft) to be installed/repaired:	0	Detectable Warnings Needed:	0
Signs with Non-Compliant Height:	0	Consolidate Signage?	No
New Signs Needed:	No	Pedestrian Control:	NA
Compliant Amenities:	Yes	Traffic Control:	NA

Scheduling and Estimated Costs

Daily MTA Stops:	10	Average Transfer Time:	0:55
Daily LOTS Stops:	47	<15 Minute Transfers:	61

Total Estimated Improvement Costs:

\$9,475.00

Westfield Mall		
Anne Arundel County		
Required Improvements		
New sidewalk to be installed	0	\$0.00
New curb ramps	0	\$0.00
Detectable warning	0	\$0.00
Enhanced Improvements		
Pedestrian Control	0	\$0.00
Crosswalk	0	\$0.00
Stop 1: AT/MTA/AA/QACR Stop	Primary Owner:	Anne Arundel County
New Compliant Landing Pad	0	\$0.00
New Sign	2	\$400.00
New Digital Display	1	\$1,000.00
New Information Case	1	\$500.00
	Location Cost:	\$0.00
	Stop 1 Cost:	\$1,900.00
	Total Cost	\$1,900.00

BMC Transfer Study Stop Inventory

Transfer Location:	Westfield Mall	Heading:	255
Stop ID:	NA	Placement:	At Location
On Street:	WESTFIELD TRA	Speed:	30 mph
Cross Street:	JCPENNEY PAR	Travel Lanes:	4
Survey Date:	11/27/2018	Compliance Level:	Compliant



Bus Stop Sign

Number of Signs:	2	Stop Owner 1:	MTA Commuter Bus
Sign Installation:	Bus Stop Pole	Stop Owner 2:	Annapolis Transit
Sign Height:	80" or greater	Stop Owner 3:	NA
Route Info:	MTA 210, 215		



Approaching Stop

Shelters and Other Amenities

Shelters:	3	Info Case:	No
Shelter Foundation:	Concrete	Info Case Accessible:	NA
Shelter Damage:	None	Info Case Damage:	None
Shelter Accessible?	Yes	Digital Display?	No
Entrance Accessible?	Yes	Route Schedule?	No
Interior Accessible?	Yes	System Map?	No
Benches?	3	Route Map?	No
Bench Location:	Shelter	Trash Can?	Yes
Bench Damage:	None	Publication Boxes?	0
Bike Racks?	No		



Across from Stop

Accessibility

Landing Pad:	Yes, unobstructed	Sidewalk Width:	6
Material:	Concrete	Obstruction:	None
Surface Problem:	None	Land Buffer:	Yes
Obstruction:	None	Surface Problem:	None
Connect Sidewalk?	Yes	Curb Ramp:	Perpendicular
Connect Curb?	Yes	Detectable Warning:	Yes



Departing Stop

Safety

CR Connect OSNS:	Yes	Crosswalk OSNS:	Yes	Traffic Control OS:	None
CR Connect OSFS:	Yes	Crosswalk OSFS:	Yes	Traffic Control CS:	None
CR Connect CSAS:	Yes	Crosswalk CSAS:	No	Ped Control OS:	No
CR Connect CSOP:	Yes	Crosswalk CSOP:	Yes	Ped Control CS:	No

Ridership and Improvements

MTA Ridership:	10
LOTS Riders:	2

Estimated Stop Improvement Cost:
\$1,900.00