

Appendix D

Anne Arundel County Office of Transportation Stop Improvement Profiles

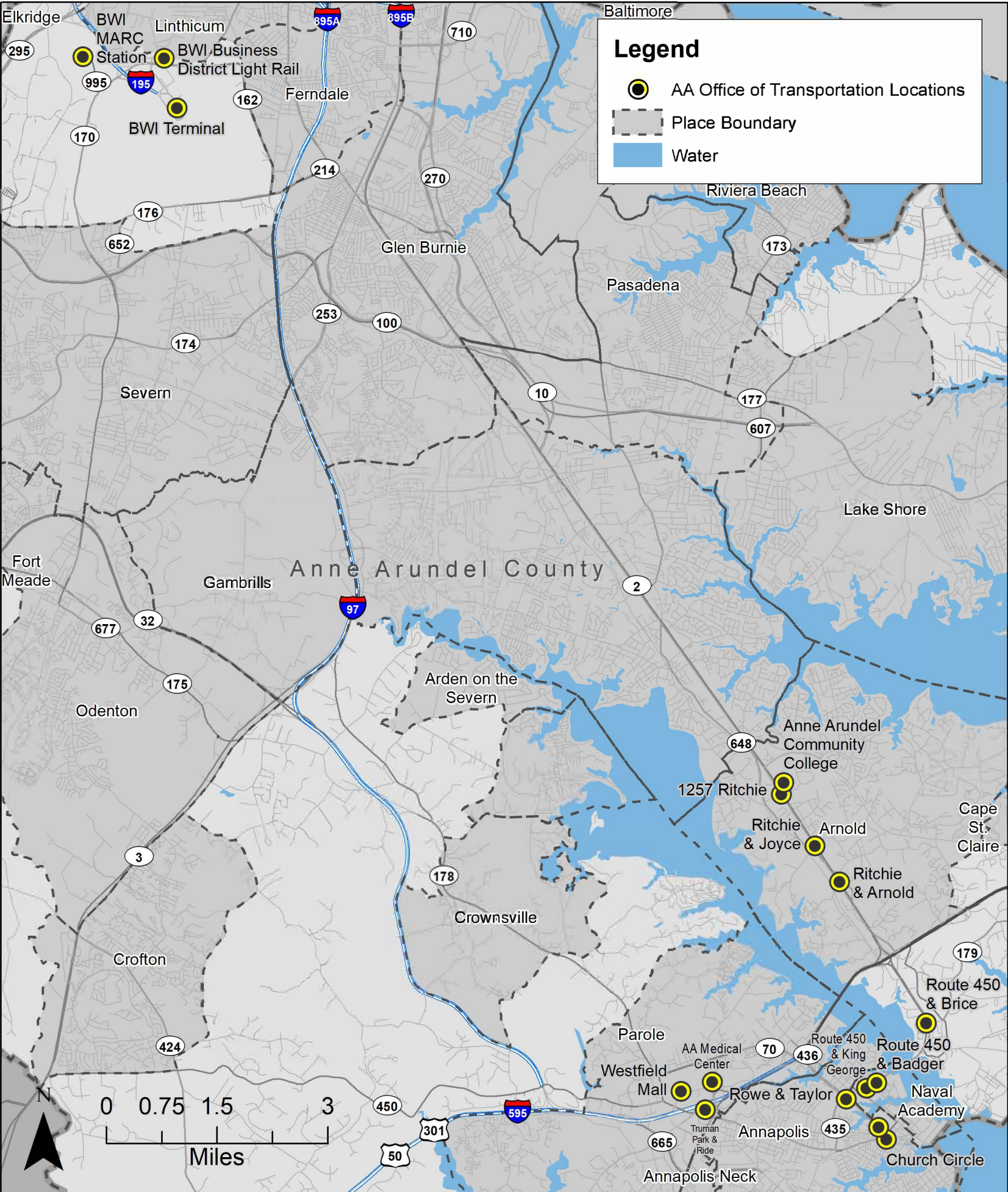


Appendix D

Anne Arundel OOT Potential Transfer Stops

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Anne Arundel Office of Transportation-MTA Transfer Locations Reference Map



BMC Transfer Study Location Profiles

1257 Ritchie

LOTS: Anne Arundel Transit

MTA Bus Service: LINK

Location Type: Commercial-Office

Number of Distinct Stops: 2



**BALTIMORE
METROPOLITAN
COUNCIL**



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:	No
Compliant Amenities:	NA	Traffic Control:	No

Scheduling and Estimated Costs

Daily MTA Stops:	Not a timed stop	Average Transfer Time:	NA
Daily LOTS Stops:	Not a timed stop	<15 Minute Transfers:	NA

Total Estimated Improvement Costs:

\$9,665.00

1257 Ritchie		
Anne Arundel County		
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	2	\$1,390.00
Crosswalk	1	\$300.00
Stop 1: AA NB	Primary Owner:	Anne Arundel County Office of Transportation
New Compliant Landing Pad	1	\$4,000.00
New Signs	1	\$200.00
Stop 2: MTA/AA SB	Primary Owner:	MTA LINK
New Signs	1	\$200.00
	Location Cost:	\$5,265.00
	Stop 1 Cost:	\$4,200.00
	Stop 2 Cost:	\$200.00
	Total Cost	\$9,665.00

BMC Transfer Study Stop Inventory

Transfer Location:	1257 Ritchie	Heading:	180
Stop ID:	2826	Placement:	Nearside
On Street:	RITCHIE HWY	Speed:	55 mph
Cross Street:	1244	Travel Lanes:	4
Survey Date:	11/28/2018	Compliance Level:	Compliant



Bus Stop Sign

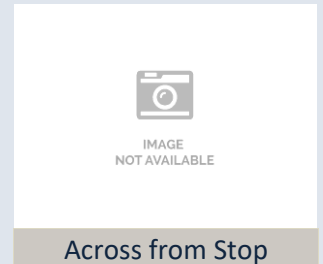
Number of Signs:	2	Stop Owner 1:	MTA LINK
Sign Installation:	Bus Stop Pole	Stop Owner 2:	Annapolis Transit
Sign Height:	80" or greater	Stop Owner 3:	NA
Route Info:	MTA LINK 70		



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?	0	Route Map?	No
Bench Location:	NA	Trash Can?	No
Bench Damage:	NA	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:	Diagonal
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:	NA	Crosswalk CSOP:	NA	Ped Control CS:	No

Ridership and Improvements

MTA Ridership:	12
LOTS Riders:	

Estimated Stop Improvement Cost:
\$200.00

BMC Transfer Study Stop Inventory

Transfer Location: 1257 Ritchie Heading: 0

Stop ID: NA Placement: At Location

On Street: RITCHIE HWY Speed: 55 mph

Cross Street: SEVERNA PARK Travel Lanes: 4

Survey Date: 11/28/2018 Compliance Level: ADA Non-Com



Bus Stop Sign

Number of Signs: 1 Stop Owner 1: Annapolis Transit

Sign Installation: Bus Stop Pole Stop Owner 2: NA

Sign Height: Less than 80" Stop Owner 3: NA

Route Info: AT C40



Approaching Stop

Shelters and Other Amenities

Shelters: 0 Info Case: No

Shelter Foundation: NA Info Case Accessible: NA

Shelter Damage: NA Info Case Damage: NA

Shelter Accessible? NA Digital Display? No

Entrance Accessible? NA Route Schedule? No

Interior Accessible? NA System Map? Yes

Benches? 0 Route Map? Yes

Bench Location: NA Trash Can? No

Bench Damage: NA Publication Boxes? 0

Bike Racks? No



Across from Stop

Accessibility

Landing Pad: Yes, obstructed Sidewalk Width: 5

Material: Concrete Obstruction: None

Surface Problem: Vegetation Land Buffer: No

Obstruction: Other Surface Problem: Vegetation

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: 12

LOTS Riders:

Estimated Stop Improvement Cost:
\$4,200.00

BMC Transfer Study Location Profiles

AA Medical Center

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

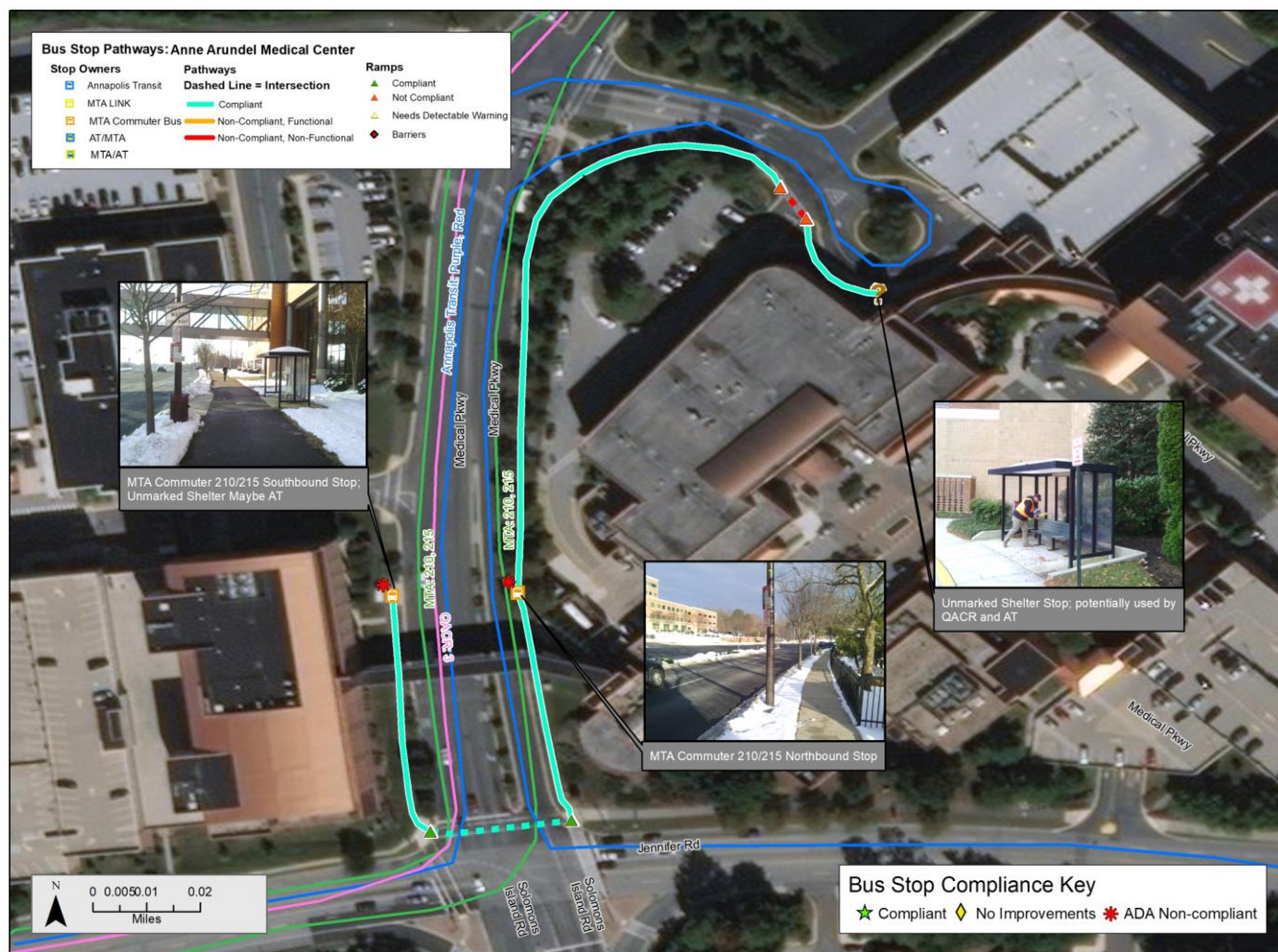
MTA Bus Service: Commuter & LINK

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

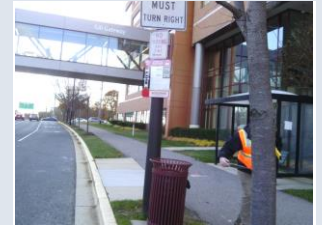
BMC Transfer Study Stop Inventory

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: 12

Estimated Stop Improvement Cost:
\$400.00

BMC Transfer Study Location Profiles

Anne Arundel Community College

LOTS: Anne Arundel Transit

MTA Bus Service: LINK

Location Type: Educational Facility

Number of Distinct Stops: 2



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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:	2	Consolidate Signage?	
New Signs Needed:	Yes	Pedestrian Control:	No
Compliant Amenities:	Yes	Traffic Control:	Yes

Scheduling and Estimated Costs

Daily MTA Stops:	37	Average Transfer Time:	0:38
Daily LOTS Stops:	14	<15 Minute Transfers:	11

Total Estimated Improvement Costs:

\$4,975.00

Anne Arundel CC		
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: NB MTA/AA Gold	Primary Owner:	MTA LINK
New Compliant Landing Pad	0	\$0.00
New Sign	1	\$200.00
New Information Case	1	\$500.00
Stop 2: SB MTA/AA Gold	Primary Owner:	MTA LINK
New Compliant Landing Pad	0	\$0.00
New Sign	1	\$200.00
New Information Case	1	\$500.00
	Location Cost:	\$3,575.00
	Stop 1 Cost:	\$700.00
	Stop 2 Cost:	\$700.00
	Total Cost	\$4,975.00

BMC Transfer Study Stop Inventory

Transfer Location: Anne Arundel Community College
 Stop ID: 10397
 On Street: AACC LOOP RD
 Cross Street: FINE ARTS CEN
 Survey Date: 11/28/2018

Heading: 270
 Placement: At Location
 Speed: 25 mph
 Travel Lanes: 2
 Compliance Level: ADA Non-Com



Bus Stop Sign

Number of Signs: 2
 Sign Installation: Bus Stop Pole
 Sign Height: Less than 80"
 Route Info: MTA LINK 70

Stop Owner 1: MTA LINK
 Stop Owner 2: Annapolis Transit
 Stop Owner 3: NA



Approaching Stop

Shelters and Other Amenities

Shelters: 0
 Shelter Foundation: NA
 Shelter Damage: NA
 Shelter Accessible? NA
 Entrance Accessible? NA
 Interior Accessible? NA
 Benches? 0
 Bench Location: NA
 Bench Damage: NA
 Bike Racks? No

Info Case: No
 Info Case Accessible: NA
 Info Case Damage: None
 Digital Display? No
 Route Schedule? No
 System Map? No
 Route Map? No
 Trash Can? No
 Publication Boxes? 0



Across from Stop

Accessibility

Landing Pad: No, sidewalk
 Material: Concrete
 Surface Problem: None
 Obstruction: None
 Connect Sidewalk? Yes
 Connect Curb? Yes

Sidewalk Width: 5
 Obstruction: None
 Land Buffer: No
 Surface Problem: None
 Curb Ramp: Perpendicular
 Detectable Warning: Yes



Departing Stop

Safety

CR Connect OSNS: Yes
 CR Connect OSFS: Yes
 CR Connect CSAS: NA
 CR Connect CSOP: NA

Crosswalk OSNS: Yes
 Crosswalk OSFS: Yes
 Crosswalk CSAS: NA
 Crosswalk CSOP: NA

Traffic Control OS: None
 Traffic Control CS: None
 Ped Control OS: No
 Ped Control CS: No

Ridership and Improvements

MTA Ridership: 54
 LOTS Riders: 4

Estimated Stop Improvement Cost:
\$700.00

BMC Transfer Study Stop Inventory

Transfer Location: Anne Arundel Community College
 Stop ID: 10398
 On Street: AACC LOOP RD
 Cross Street: FINE ARTS BUIL
 Survey Date: 11/28/2018

Heading: 90
 Placement: Across From
 Speed: 25 mph
 Travel Lanes: 2
 Compliance Level: ADA Non-Com



Bus Stop Sign

Number of Signs: 2
 Sign Installation: Bus Stop Pole
 Sign Height: Less than 80"
 Route Info: MTA LINK 70

Stop Owner 1: MTA LINK
 Stop Owner 2: Annapolis Transit
 Stop Owner 3: NA



Approaching Stop

Shelters and Other Amenities

Shelters: 1
 Shelter Foundation: Concrete
 Shelter Damage: None
 Shelter Accessible? Yes
 Entrance Accessible? Yes
 Interior Accessible? Yes
 Benches? 1
 Bench Location: Shelter
 Bench Damage: None
 Bike Racks? No

Info Case: No
 Info Case Accessible: NA
 Info Case Damage: NA
 Digital Display? No
 Route Schedule? No
 System Map? Yes
 Route Map? No
 Trash Can? Yes
 Publication Boxes? 0



Across from Stop

Accessibility

Landing Pad: No, sidewalk
 Material: Concrete
 Surface Problem: None
 Obstruction: None
 Connect Sidewalk? Yes
 Connect Curb? Yes

Sidewalk Width: 5
 Obstruction: None
 Land Buffer: No
 Surface Problem: None
 Curb Ramp: Perpendicular
 Detectable Warning: Yes



Departing Stop

Safety

CR Connect OSNS: Yes
 CR Connect OSFS: Yes
 CR Connect CSAS: NA
 CR Connect CSOP: NA

Crosswalk OSNS: Yes
 Crosswalk OSFS: Yes
 Crosswalk CSAS: NA
 Crosswalk CSOP: NA

Traffic Control OS: None
 Traffic Control CS: Yield
 Ped Control OS: NA
 Ped Control CS: NA

Ridership and Improvements

MTA Ridership: 49
 LOTS Riders: 4

Estimated Stop Improvement Cost:
\$700.00

BMC Transfer Study Location Profiles

Bladen & Calvert

LOTS: Anne Arundel Transit

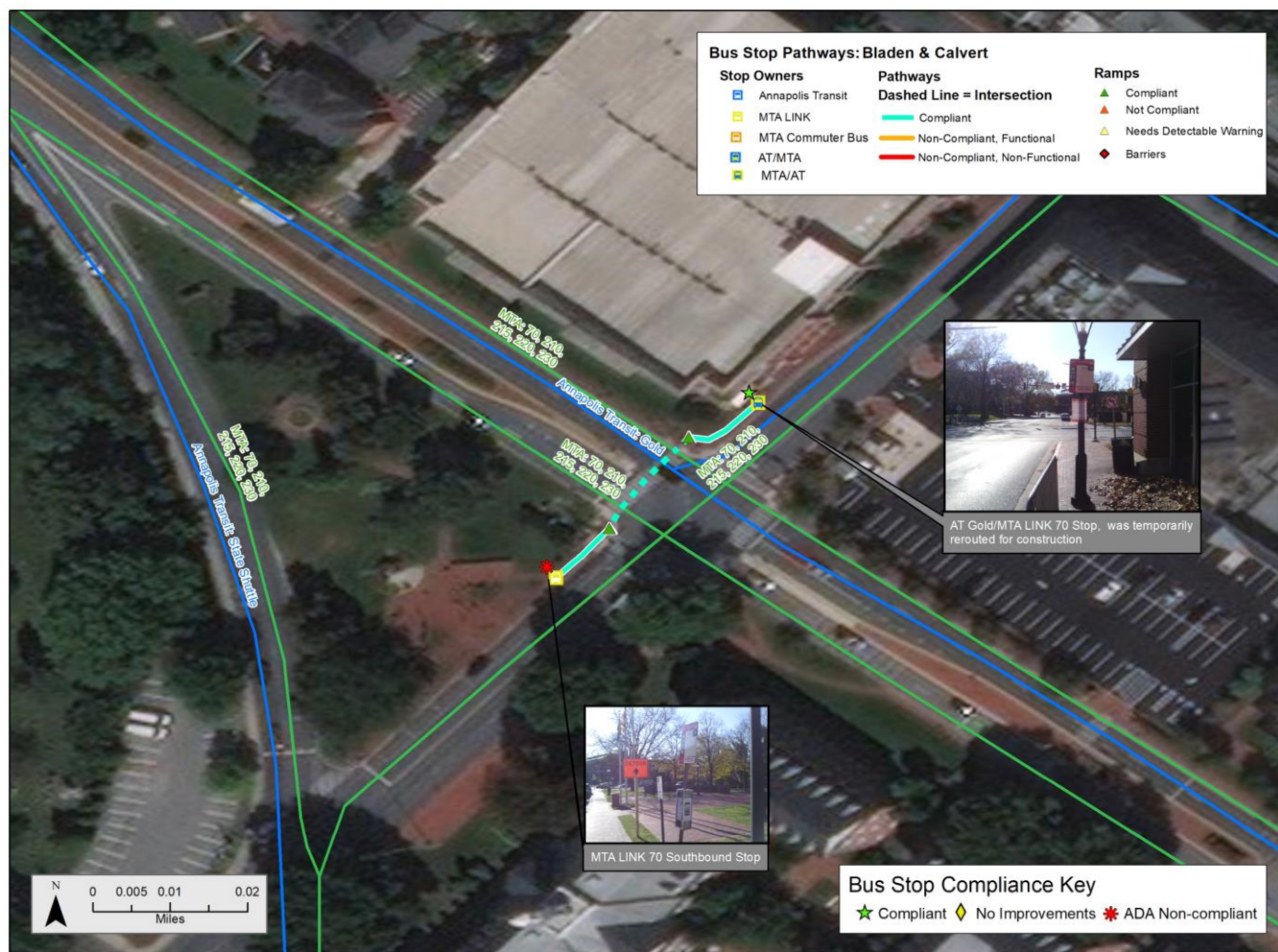
MTA Bus Service: LINK

Location Type: Government Building

Number of Distinct Stops: 2



**BALTIMORE
METROPOLITAN
COUNCIL**



Compliance Overview

Landing Pads Needed:	1	Curb Ramps to Install:	0
Sidewalk (ft) to be installed/repaired:	0	Detectable Warnings Needed:	0
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:	46	Average Transfer Time:	NA
Daily LOTS Stops:	Not a timed stop	<15 Minute Transfers:	NA

Total Estimated Improvement Costs:

\$5,900.00

Bladen & Calvert		
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: AA Sheltered Stop	Primary Owner: Anne Arundel County	
New Compliant Landing Pad	0	\$0.00
New Sign	1	\$200.00
New Information Case	1	\$500.00
New Digital Display	1	\$1,000.00
Stop 2: MTA 75 Stop	Primary Owner: MTA LINK	
New Compliant Landing Pad	1	\$4,000.00
New Sign	1	\$200.00
	Location Cost:	\$0.00
	Stop 1 Cost:	\$1,700.00
	Stop 2 Cost:	\$4,200.00
	Total Cost	\$5,900.00

BMC Transfer Study Stop Inventory

Transfer Location: **Bladen & Calvert** Heading: **225**
 Stop ID: **12266** Placement: **Nearside**
 On Street: **CALVERT ST** Speed: **25 mph**
 Cross Street: **BLADEN ST** Travel Lanes: **2**
 Survey Date: **11/29/2018** Compliance Level: **Compliant**



Bus Stop Sign

Number of Signs: **1** Stop Owner 1: **MTA LINK**
 Sign Installation: **Light pole** Stop Owner 2: **Annapolis Transit**
 Sign Height: **80" or greater** Stop Owner 3: **NA**
 Route Info: **MTA LINK 70, MTA 215**



Approaching Stop

Shelters and Other Amenities

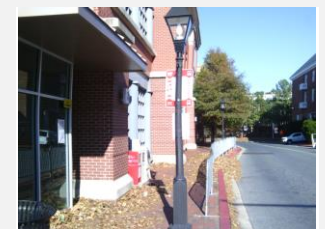
Shelters: **1** Info Case: **No**
 Shelter Foundation: **Concrete** Info Case Accessible: **NA**
 Shelter Damage: **Other** Info Case Damage: **NA**
 Shelter Accessible? **Yes** Digital Display? **No**
 Entrance Accessible? **Yes** Route Schedule? **No**
 Interior Accessible? **Yes** System Map? **No**
 Benches? **4** Route Map? **No**
 Bench Location: **Shelter** Trash Can? **Yes**
 Bench Damage: **None** Publication Boxes? **3**
 Bike Racks? **No**



Across from Stop

Accessibility

Landing Pad: **Yes, unobstructed** Sidewalk Width: **7**
 Material: **Brick Pavers** Obstruction: **None**
 Surface Problem: **None** Land Buffer: **Yes**
 Obstruction: **None** Surface Problem: **Vegetation**
 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: **Traffic light**
 CR Connect OSFS: **Yes** Crosswalk OSFS: **Yes** Traffic Control CS: **Traffic light**
 CR Connect CSAS: **Yes** Crosswalk CSAS: **Yes** Ped Control OS: **Yes**
 CR Connect CSOP: **Yes** Crosswalk CSOP: **Yes** Ped Control CS: **Yes**

Ridership and Improvements

MTA Ridership: **137**
 LOTS Riders:

Estimated Stop Improvement Cost:
\$1,700.00

BMC Transfer Study Stop Inventory

Transfer Location:	Bladen & Calvert	Heading:	225
Stop ID:	2835	Placement:	Farside
On Street:	CALVERT ST	Speed:	25 mph
Cross Street	BLADEN ST	Travel Lanes:	3
Survey Date:	11/29/2018	Compliance Level:	ADA Non-Com



Bus Stop Sign

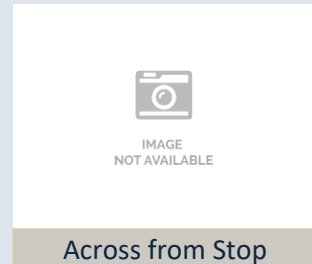
Number of Signs:	1	Stop Owner 1:	MTA LINK
Sign Installation:	Bus Stop Pole	Stop Owner 2:	NA
Sign Height:	80" or greater	Stop Owner 3:	NA
Route Info:	MTA LINK 70		



Approaching Stop

Shelters and Other Amenities

Shelters:	0	Info Case:	Yes
Shelter Foundation:	NA	Info Case Accessible:	Accessible
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?	2	Route Map?	No
Bench Location:	Freestandin	Trash Can?	Yes
Bench Damage:	None	Publication Boxes?	0
Bike Racks?	No		



Across from Stop

Accessibility

Landing Pad:	No, sidewalk	Sidewalk Width:	4
Material:	Brick Pavers	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:	Yes	Crosswalk OSNS:	Yes	Traffic Control OS:	Traffic light
CR Connect OSFS:	Yes	Crosswalk OSFS:	Yes	Traffic Control CS:	Traffic light
CR Connect CSAS:	Yes	Crosswalk CSAS:	Yes	Ped Control OS:	Yes
CR Connect CSOP:	Yes	Crosswalk CSOP:	Yes	Ped Control CS:	Yes

Ridership and Improvements

MTA Ridership:	107
LOTS Riders:	

Estimated Stop Improvement Cost:
\$4,200.00

BMC Transfer Study Location Profiles

BWI Business District Light Rail

LOTS: Anne Arundel Transit

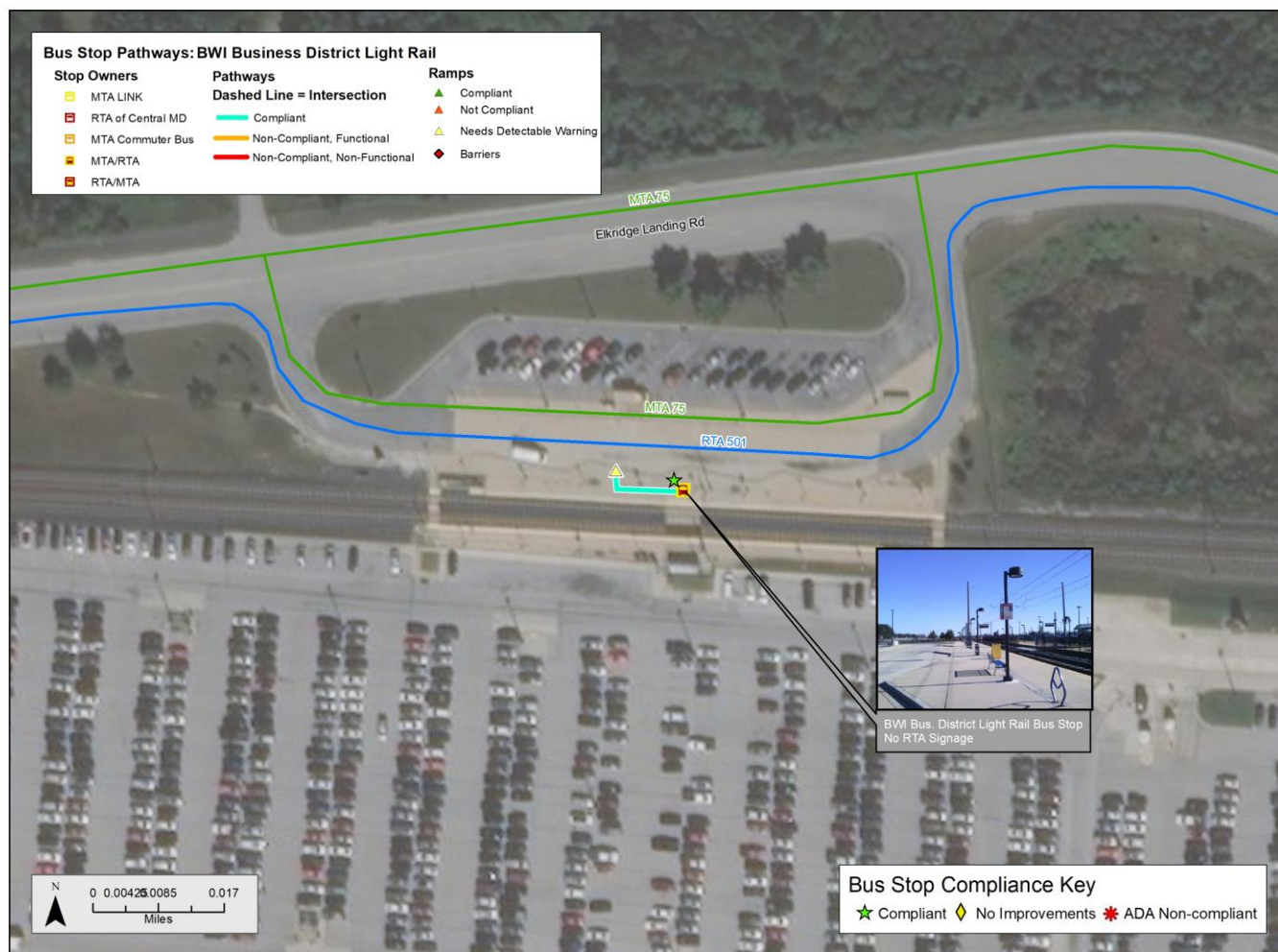
MTA Bus Service: LINK

Location Type: Transit Center-Light Rail

Number of Distinct Stops: 1



**BALTIMORE
METROPOLITAN
COUNCIL**



Compliance Overview

Landing Pads Needed:	0	Curb Ramps to Install:	0
Sidewalk (ft) to be installed/repaired:	0	Detectable Warnings Needed:	1
Signs with Non-Compliant Height:	0	Consolidate Signage?	No
New Signs Needed:	Yes	Pedestrian Control:	No
Compliant Amenities:	NA	Traffic Control:	No

Scheduling and Estimated Costs

Daily MTA Stops:	Not a timed stop	Average Transfer Time:	NA
Daily LOTS Stops:	Not a timed stop	<15 Minute Transfers:	NA

Total Estimated Improvement Costs:

\$1,275.00

BWI Bus. District Light Rail		
Anne Arundel County		
Required Improvements		
New sidewalk to be installed	0	\$0.00
New curb ramps	0	\$0.00
Detectable warning	1	\$75.00
Enhanced Improvements		
Pedestrian Control	0	\$0.00
Crosswalk	0	\$0.00
Stop 1: Station Bus Bay	Primary Owner:	MTA Link
New Compliant Landing Pad	0	\$0.00
New Sign (RTA)	1	\$200.00
Digital Display	1	\$1,000.00
	Location Cost:	\$75.00
	Stop 1 Cost:	\$1,200.00
	Total Cost	\$1,275.00

BMC Transfer Study Stop Inventory

Transfer Location:	BWI Business District Light Rail	Heading:	90
Stop ID:	3311	Placement:	At Location
On Street:	BWI BUSINESS L	Speed:	10 mph
Cross Street:	BWI BUSINESS	Travel Lanes:	1
Survey Date:	12/18/2018	Compliance Level:	Compliant



Bus Stop Sign

Number of Signs:	2	Stop Owner 1:	MTA LINK
Sign Installation:	Light pole	Stop Owner 2:	Other
Sign Height:	80" or greater	Stop Owner 3:	NA
Route Info:	MTA LINK 75, WMATA B30		



Approaching Stop

Shelters and Other Amenities

Shelters:	1	Info Case:	Yes
Shelter Foundation:	Concrete	Info Case Accessible:	Accessible
Shelter Damage:	None	Info Case Damage:	None
Shelter Accessible?	Yes	Digital Display?	Yes
Entrance Accessible?	Yes	Route Schedule?	No
Interior Accessible?	Yes	System Map?	Yes
Benches?	2	Route Map?	No
Bench Location:	Freestanding	Trash Can?	Yes
Bench Damage:	None	Publication Boxes?	0
Bike Racks?	Yes		



Across from Stop

Accessibility

Landing Pad:	Yes, unobstructed	Sidewalk Width:	15
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:	No



Departing Stop

Safety

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

Ridership and Improvements

MTA Ridership:	50
LOTS Riders:	

Estimated Stop Improvement Cost:
\$1,200.00

BMC Transfer Study Location Profiles

BWI MARC Station

LOTS: Anne Arundel Transit

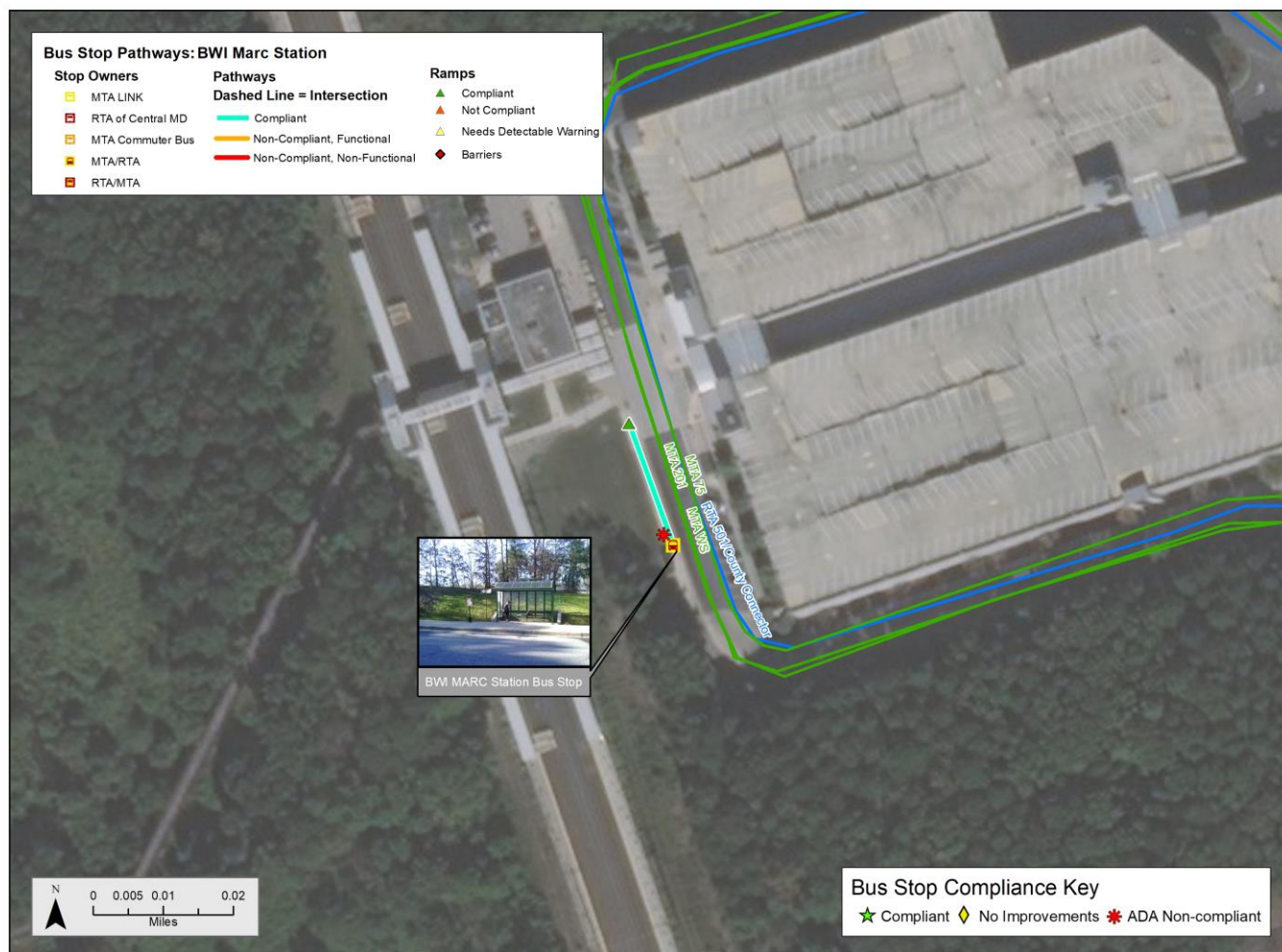
MTA Bus Service: LINK

Location Type: Transit Center-Commuter Rail

Number of Distinct Stops: 1



**BALTIMORE
METROPOLITAN
COUNCIL**



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:	1	Consolidate Signage?	No
New Signs Needed:	Yes	Pedestrian Control:	NA
Compliant Amenities:	No	Traffic Control:	NA

Scheduling and Estimated Costs

Daily MTA Stops:	80	Average Transfer Time:	0:24
Daily LOTS Stops:	16	<15 Minute Transfers:	63

Total Estimated Improvement Costs:

\$16,775.00

BWI MARC Station		
Anne Arundel County		
Required Improvements		
New sidewalk to be installed	0	\$0.00
New curb ramps	0	\$0.00
Detectable warning	1	\$75.00
Enhanced Improvements		
Pedestrian Control	0	\$0.00
Crosswalk	0	\$0.00
Stop 1: Station Bus Bay	Primary Owner:	MTA Link
New Compliant Landing Pad	0	\$0.00
New Sign	1	\$200.00
Compliant Shelter	1	\$15,000.00
New Information Case	1	\$500.00
Digital Display	1	\$1,000.00
	Location Cost:	\$75.00
	Stop 1 Cost:	\$16,700.00
	Total Cost	\$16,775.00

BMC Transfer Study Stop Inventory

Transfer Location: **BWI MARC Station** Heading: **155**
 Stop ID: **12461** Placement: **At Location**
 On Street: **MARC STATION** Speed: **10 mph**
 Cross Street: **@ BUS BAY** Travel Lanes: **1**
 Survey Date: **12/18/2018** Compliance Level: **ADA Non-Com**



Bus Stop Sign

Number of Signs: **3** Stop Owner 1: **MTA LINK**
 Sign Installation: **Other** Stop Owner 2: **MTA Commuter Bus**
 Sign Height: **Less than 80"** Stop Owner 3: **RTA of Central MD**
 Route Info: **MTA LINK 75, MTA 201, UMBC MARC**



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? **No** System Map? **No**
 Benches? **1** Route Map? **No**
 Bench Location: **Shelter** Trash Can? **No**
 Bench Damage: **None** Publication Boxes? **0**
 Bike Racks? **Yes**



Across from Stop

Accessibility

Landing Pad: **Yes, unobstructed** Sidewalk Width: **8**
 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: **Yes** Crosswalk OSNS: **Yes** Traffic Control OS: **None**
 CR Connect OSFS: **NA** Crosswalk OSFS: **NA** Traffic Control CS: **None**
 CR Connect CSAS: **NA** Crosswalk CSAS: **NA** Ped Control OS: **No**
 CR Connect CSOP: **Yes** Crosswalk CSOP: **Yes** Ped Control CS: **No**

Ridership and Improvements

MTA Ridership: **21**
 LOTS Riders:

Estimated Stop Improvement Cost:
\$16,700.00

BMC Transfer Study Location Profiles

BWI Terminal

LOTS: Anne Arundel Transit

MTA Bus Service: LINK

Location Type: Transit Center-Airport

Number of Distinct Stops: 2



**BALTIMORE
METROPOLITAN
COUNCIL**



Compliance Overview

Landing Pads Needed:	0	Curb Ramps to Install:	0
Sidewalk (ft) to be installed/repaired:	0	Detectable Warnings Needed:	1
Signs with Non-Compliant Height:	1	Consolidate Signage?	No
New Signs Needed:	Yes	Pedestrian Control:	NA
Compliant Amenities:	Yes	Traffic Control:	NA

Scheduling and Estimated Costs

Daily MTA Stops:	80	Average Transfer Time:	NA
Daily LOTS Stops:	17	<15 Minute Transfers:	NA

Total Estimated Improvement Costs:

\$2,475.00

BWI Terminal		
Anne Arundel County		
Required Improvements		
New sidewalk to be installed	0	\$0.00
New curb ramps	0	\$0.00
Detectable warning	1	\$75.00
Enhanced Improvements		
Pedestrian Control	0	\$0.00
Crosswalk	0	\$0.00
Stop 1: RTA/MTA Cedar Rd	Primary Owner:	RTA of Central MD
New Compliant Landing Pad	0	\$0.00
New Sign (RTA)	1	\$200.00
Digital Display	1	\$1,000.00
Stop 2: RTA/MTA Terminal Rd	Primary Owner:	RTA of Central MD
New Compliant Landing Pad	0	\$0.00
New Sign (RTA Sign)	1	\$200.00
Digital Display	1	\$1,000.00
	Location Cost:	\$75.00
	Stop 1 Cost:	\$1,200.00
	Stop 2 Cost:	\$1,200.00
	Total Cost	\$2,475.00

BMC Transfer Study Stop Inventory

Transfer Location: **BWI Terminal** Heading: **135**

Stop ID: **3317** Placement: **At Location**

On Street: **TERMINAL RD** Speed: **25 mph**

Cross Street: **BWI TERMINAL** Travel Lanes: **3**

Survey Date: **12/18/2018** Compliance Level: **ADA Non-Com**



Bus Stop Sign

Number of Signs: **3** Stop Owner 1: **MTA LINK**

Sign Installation: **Other** Stop Owner 2: **MTA Commuter Bus**

Sign Height: **Less than 80"** Stop Owner 3: **RTA of Central MD**

Route Info: **MTA LINK 75, MTA 201, RTA 501**



Approaching Stop

Shelters and Other Amenities

Shelters: **3** Info Case: **Yes**

Shelter Foundation: **Concrete** Info Case Accessible: **Accessible**

Shelter Damage: **None** Info Case Damage: **None**

Shelter Accessible? **Yes** Digital Display? **No**

Entrance Accessible? **Yes** Route Schedule? **Yes**

Interior Accessible? **Yes** System Map? **No**

Benches? **3** Route Map? **Yes**

Bench Location: **Shelter** Trash Can? **No**

Bench Damage: **None** Publication Boxes? **0**

Bike Racks? **No**



Across from Stop

Accessibility

Landing Pad: **Yes, unobstructed** Sidewalk Width: **12**

Material: **Brick Pavers** Obstruction: **None**

Surface Problem: **None** Land Buffer: **No**

Obstruction: **None** Surface Problem: **None**

Connect Sidewalk? **Yes** Curb Ramp: **None**

Connect Curb? **Yes** Detectable Warning: **NA**



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: **NA** Crosswalk CSAS: **NA** Ped Control OS: **No**

CR Connect CSOP: **NA** Crosswalk CSOP: **NA** Ped Control CS: **No**

Ridership and Improvements

MTA Ridership: **162**

LOTS Riders:

Estimated Stop Improvement Cost:
\$1,200.00

BMC Transfer Study Stop Inventory

Transfer Location:	BWI Terminal	Heading:	315
Stop ID:	11175	Placement:	At Location
On Street:	CEDAR RD	Speed:	25 mph
Cross Street	BWI TERMINAL	Travel Lanes:	4
Survey Date:	12/18/2018	Compliance Level:	Compliant



Bus Stop Sign

Number of Signs:	3	Stop Owner 1:	MTA LINK
Sign Installation:	Utility pole	Stop Owner 2:	MTA Commuter Bus
Sign Height:	80" or greater	Stop Owner 3:	RTA of Central MD
Route Info:	MTA LINK 75, 107, MTA 201, RTA 501, WMATA B30		



Approaching Stop

Shelters and Other Amenities

Shelters:	3	Info Case:	Yes
Shelter Foundation:	Concrete	Info Case Accessible:	Accessible
Shelter Damage	None	Info Case Damage:	None
Shelter Accessible?	Yes	Digital Display?	No
Entrance Accessible?	Yes	Route Schedule?	Yes
Interior Accessible?	Yes	System Map?	No
Benches?	10	Route Map?	Yes
Bench Location:	Shelter/Fre	Trash Can?	Yes
Bench Damage:	None	Publication Boxes?	0
Bike Racks?	No		



Across from Stop

Accessibility

Landing Pad:	Yes, unobstructed	Sidewalk Width:	10
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:	No



Departing Stop

Safety

CR Connect OSNS:	Yes	Crosswalk OSNS:	Yes	Traffic Control OS:	Yield
CR Connect OSFS:	NA	Crosswalk OSFS:	NA	Traffic Control CS:	NA
CR Connect CSAS:	NA	Crosswalk CSAS:	NA	Ped Control OS:	No
CR Connect CSOP:	NA	Crosswalk CSOP:	NA	Ped Control CS:	No

Ridership and Improvements

MTA Ridership:	28
LOTS Riders:	

Estimated Stop Improvement Cost:
\$1,200.00

BMC Transfer Study Location Profiles

Church Circle

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

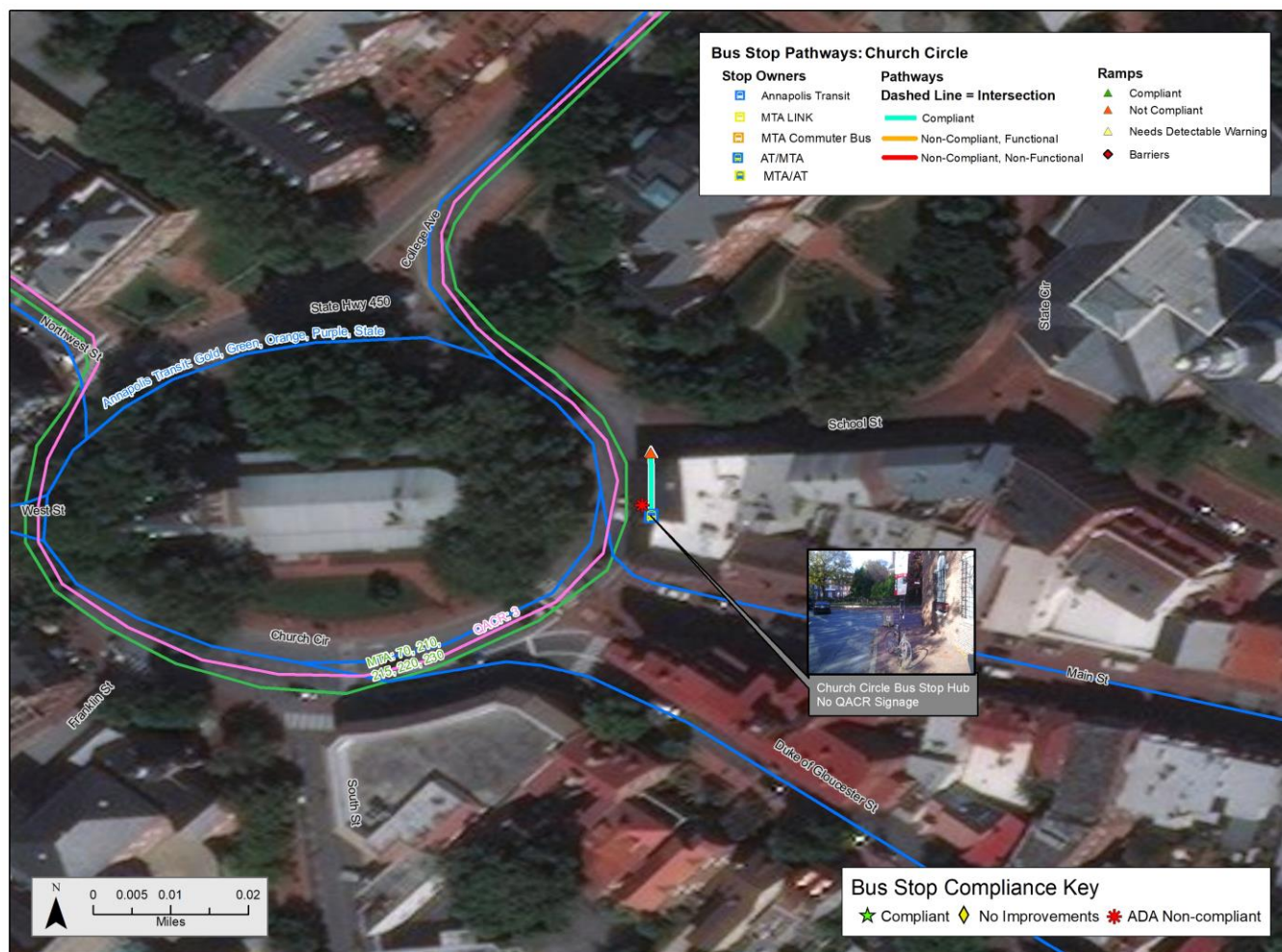
MTA Bus Service: Commuter & Link

Location Type: Transit Center-Basic Bus Stop

Number of Distinct Stops: 1



**BALTIMORE
METROPOLITAN
COUNCIL**



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: 14

Estimated Stop Improvement Cost:
\$20,700.00

BMC Transfer Study Location Profiles

Ritchie & Arnold

LOTS: Anne Arundel Transit

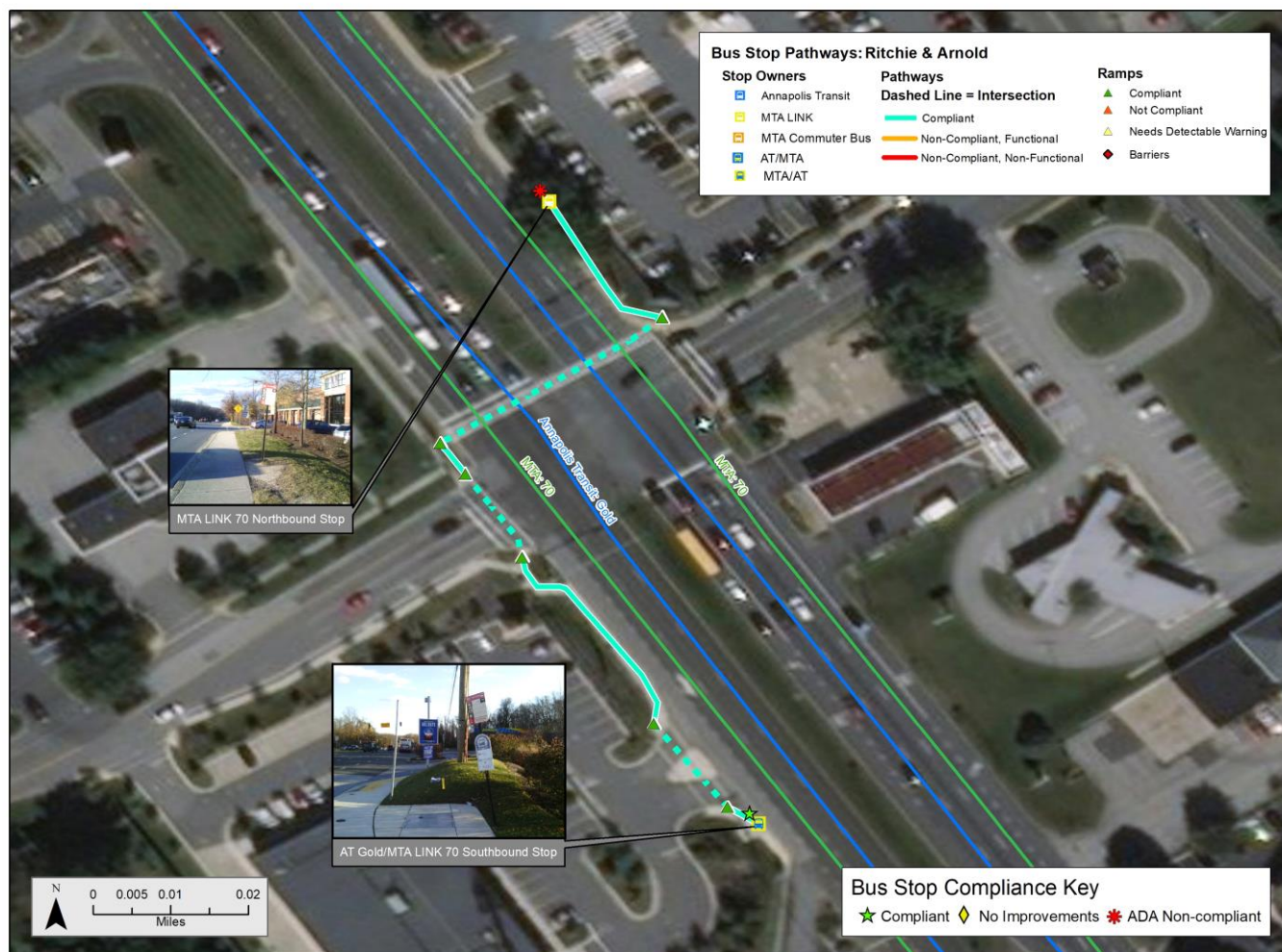
MTA Bus Service: LINK

Location Type: Basic Bus Stop-Commercial

Number of Distinct Stops: 2



**BALTIMORE
METROPOLITAN
COUNCIL**



Compliance Overview

Landing Pads Needed:	1	Curb Ramps to Install:	0
Sidewalk (ft) to be installed/repaired:	0	Detectable Warnings Needed:	0
Signs with Non-Compliant Height:	1	Consolidate Signage?	
New Signs Needed:	No	Pedestrian Control:	Yes
Compliant Amenities:	NA	Traffic Control:	Yes

Scheduling and Estimated Costs

Daily MTA Stops:	Not a timed stop	Average Transfer Time:	NA
Daily LOTS Stops:	14	<15 Minute Transfers:	NA

Total Estimated Improvement Costs:

\$19,870.00

Ritchie & Arnold		
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: MTA/AA SB Stop	Primary Owner:	MTA LINK
New Compliant Landing Pad	0	\$0.00
New Sign	1	\$200.00
Stop 2: MTA/AA NB Stop	Primary Owner:	MTA LINK
New Compliant Landing Pad	0	\$0.00
New Sign	1	\$200.00
Stop 3: MTA NB Stop	Primary Owner:	MTA LINK
New Compliant Landing Pad	1	\$4,000.00
New Sign	1	\$200.00
	Location Cost:	\$0.00
	Stop 1 Cost:	\$200.00
	Stop 2 Cost:	\$200.00
	Stop 3 Cost:	\$4,200.00
	Total Cost	\$4,600.00

BMC Transfer Study Stop Inventory

Transfer Location:	Ritchie & Arnold	Heading:	360
Stop ID:	2842	Placement:	Farside
On Street:	RITCHIE HWY	Speed:	55 mph
Cross Street:	ARNOLD FARM	Travel Lanes:	4
Survey Date:	11/28/2018	Compliance Level:	ADA Non-Com



Bus Stop Sign

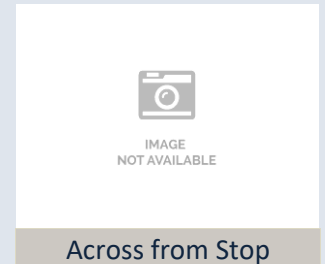
Number of Signs:	2	Stop Owner 1:	MTA LINK
Sign Installation:	Bus Stop Pole	Stop Owner 2:	Annapolis Transit
Sign Height:	Less than 80"	Stop Owner 3:	NA
Route Info:	MTA LINK 70		



Approaching Stop

Shelters and Other Amenities

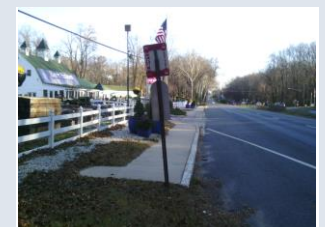
Shelters:	0	Info Case:	No
Shelter Foundation:	NA	Info Case Accessible:	NA
Shelter Damage:	NA	Info Case Damage:	None
Shelter Accessible?	NA	Digital Display?	No
Entrance Accessible?	NA	Route Schedule?	No
Interior Accessible?	NA	System Map?	No
Benches?	0	Route Map?	No
Bench Location:	NA	Trash Can?	No
Bench Damage:	NA	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:	Diagonal
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:	Yes	Crosswalk CSAS:	No	Ped Control OS:	No
CR Connect CSOP:	NA	Crosswalk CSOP:	NA	Ped Control CS:	No

Ridership and Improvements

MTA Ridership:	19
LOTS Riders:	1

Estimated Stop Improvement Cost:
\$200.00

BMC Transfer Study Stop Inventory

Transfer Location: **Ritchie & Arnold** Heading: **150**
 Stop ID: **2828** Placement: **Farside**
 On Street: **RITCHIE HWY** Speed: **50 mph**
 Cross Street: **ARNOLD RD** Travel Lanes: **6+**
 Survey Date: **11/28/2018** Compliance Level: **ADA Non-Com**



Bus Stop Sign

Number of Signs: **2** Stop Owner 1: **MTA LINK**
 Sign Installation: **Bus Stop Pole** Stop Owner 2: **Annapolis Transit**
 Sign Height: **Less than 80"** Stop Owner 3: **NA**
 Route Info: **MTA LINK 70, AT GOLD**



Approaching Stop

Shelters and Other Amenities

Shelters: **0** Info Case: **No**
 Shelter Foundation: **NA** Info Case Accessible: **NA**
 Shelter Damage: **NA** Info Case Damage: **NA**
 Shelter Accessible? **NA** Digital Display? **No**
 Entrance Accessible? **NA** Route Schedule? **No**
 Interior Accessible? **NA** System Map? **No**
 Benches? **0** Route Map? **No**
 Bench Location: **NA** Trash Can? **No**
 Bench Damage: **NA** Publication Boxes? **0**
 Bike Racks? **No**



IMAGE
NOT AVAILABLE

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: **Yes** Crosswalk OSNS: **Yes** Traffic Control OS: **Traffic light**
 CR Connect OSFS: **Yes** Crosswalk OSFS: **No** Traffic Control CS: **Traffic light**
 CR Connect CSAS: **Yes** Crosswalk CSAS: **Yes** Ped Control OS: **Yes**
 CR Connect CSOP: **Yes** Crosswalk CSOP: **Yes** Ped Control CS: **Yes**

Ridership and Improvements

MTA Ridership: **0**
 LOTS Riders: **1**

Estimated Stop Improvement Cost:
\$4,000.00

BMC Transfer Study Stop Inventory

Transfer Location:	Ritchie & Arnold	Heading:	360
Stop ID:	2840	Placement:	Farside
On Street:	RITCHIE HWY	Speed:	55 mph
Cross Street	ARNOLD RD	Travel Lanes:	6+
Survey Date:	11/28/2018	Compliance Level:	ADA Non-Com



Bus Stop Sign

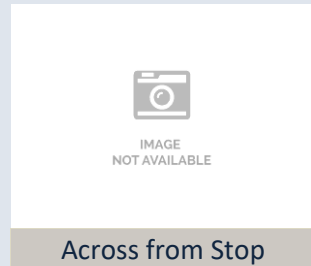
Number of Signs:	1	Stop Owner 1:	MTA LINK
Sign Installation:	Bus Stop Pole	Stop Owner 2:	NA
Sign Height:	Less than 80"	Stop Owner 3:	NA
Route Info:	MTA LINK 70		



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?	0	Route Map?	No
Bench Location:	NA	Trash Can?	No
Bench Damage:	NA	Publication Boxes?	0
Bike Racks?	No		



Across from Stop

Accessibility

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



Departing Stop

Safety

CR Connect OSNS:	No	Crosswalk OSNS:	No	Traffic Control OS:	Traffic light
CR Connect OSFS:	Yes	Crosswalk OSFS:	Yes	Traffic Control CS:	Traffic light
CR Connect CSAS:	Yes	Crosswalk CSAS:	Yes	Ped Control OS:	Yes
CR Connect CSOP:	Yes	Crosswalk CSOP:	Yes	Ped Control CS:	Yes

Ridership and Improvements

MTA Ridership:	19
LOTS Riders:	

Estimated Stop Improvement Cost:
\$200.00

BMC Transfer Study Location Profiles

Ritchie & Joyce

LOTS: Anne Arundel Transit

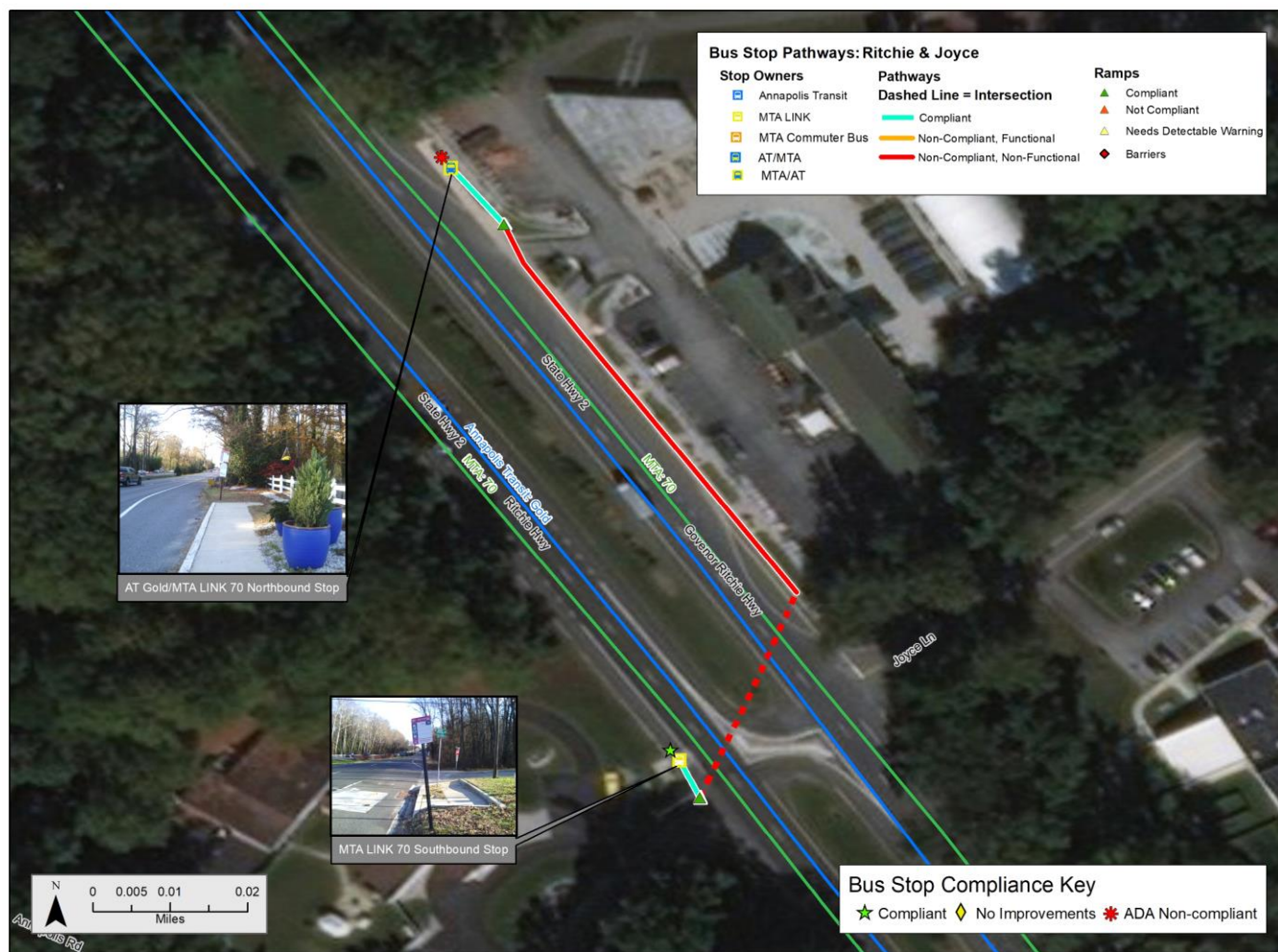
MTA Bus Service: LINK

Location Type: Basic Bus Stop-Residential

Number of Distinct Stops: 3



**BALTIMORE
METROPOLITAN
COUNCIL**



Compliance Overview

Landing Pads Needed:	1	Curb Ramps to Install:	2
Sidewalk (ft) to be installed/repaired:	293	Detectable Warnings Needed:	0
Signs with Non-Compliant Height:	1	Consolidate Signage?	
New Signs Needed:	Yes	Pedestrian Control:	No
Compliant Amenities:	NA	Traffic Control:	No

Scheduling and Estimated Costs

Daily MTA Stops:	Not a timed stop	Average Transfer Time:	NA
Daily LOTS Stops:	Not a timed stop	<15 Minute Transfers:	NA

Total Estimated Improvement Costs:

\$20,100.00

Ritchie & Joyce		
Anne Arundel County		
Required Improvements		
New sidewalk to be installed	293	\$7,325.00
New curb ramps	2	\$7,000.00
Detectable warning	2	\$150.00
Enhanced Improvements		
Pedestrian Control	1	\$695.00
Crosswalk	1	\$300.00
Stop 1: AA/MTA SB Stop	Primary Owner:	MTA LINK
New Compliant Landing Pad	1	\$4,000.00
New Sign	1	\$200.00
Stop 2: MTA NB Stop	Primary Owner:	MTA LINK
New Compliant Landing Pad	0	\$0.00
New Sign	1	\$200.00
	Location Cost:	\$15,470.00
	Stop 1 Cost:	\$4,200.00
	Stop 2 Cost:	\$200.00
	Total Cost	\$19,870.00

BMC Transfer Study Stop Inventory

Transfer Location:	Ritchie & Joyce	Heading:	150
Stop ID:	2827	Placement:	Nearside
On Street:	RITCHIE HWY	Speed:	55 mph
Cross Street	JOYCE LN	Travel Lanes:	4
Survey Date:	11/28/2018	Compliance Level:	Compliant



Bus Stop Sign

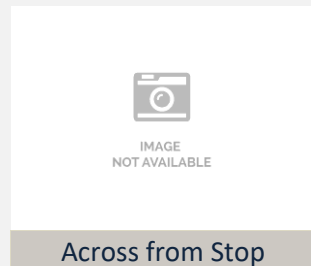
Number of Signs:	1	Stop Owner 1:	MTA LINK
Sign Installation:	Bus Stop Pole	Stop Owner 2:	NA
Sign Height:	80" or greater	Stop Owner 3:	NA
Route Info:	MTA LINK 70		



Approaching Stop

Shelters and Other Amenities

Shelters:	0	Info Case:	No
Shelter Foundation:	NA	Info Case Accessible:	NA
Shelter Damage	NA	Info Case Damage:	NA
Shelter Accessible?	NA	Digital Display?	No
Entrance Accessible?	NA	Route Schedule?	
Interior Accessible?	NA	System Map?	No
Benches?	0	Route Map?	No
Bench Location:	NA	Trash Can?	No
Bench Damage:	NA	Publication Boxes?	0
Bike Racks?	No		



Across from Stop

Accessibility

Landing Pad:	Yes, unobstructed	Sidewalk Width:	4
Material:	Concrete	Obstruction:	None
Surface Problem:	None	Land Buffer:	Yes
Obstruction:	None	Surface Problem:	None
Connect Sidewalk?	Yes	Curb Ramp:	Diagonal
Connect Curb?	Yes	Detectable Warning:	Yes



Departing Stop

Safety

CR Connect OSNS:	No	Crosswalk OSNS:	No	Traffic Control OS:	Yield
CR Connect OSFS:	No	Crosswalk OSFS:	No	Traffic Control CS:	Stop sign
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:	2
LOTS Riders:	

Estimated Stop Improvement Cost:
\$4,200.00

BMC Transfer Study Location Profiles

Riva & Forest

LOTS: Anne Arundel Transit

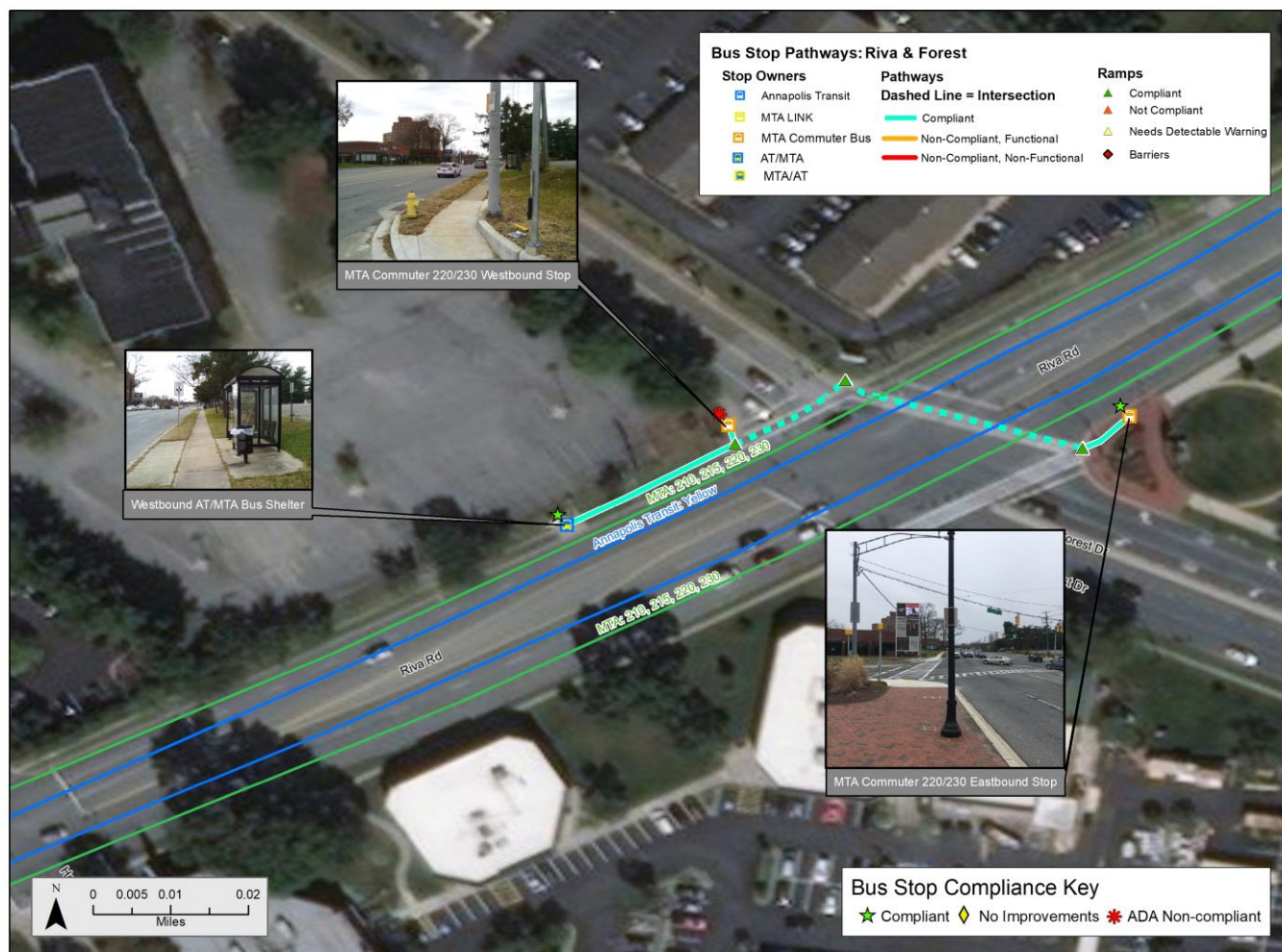
MTA Bus Service: Commuter

Location Type: Commercial-Shopping Center

Number of Distinct Stops: 2



**BALTIMORE
METROPOLITAN
COUNCIL**



Compliance Overview

Landing Pads Needed:	1	Curb Ramps to Install:	0
Sidewalk (ft) to be installed/repaired:	0	Detectable Warnings Needed:	0
Signs with Non-Compliant Height:	0	Consolidate Signage?	
New Signs Needed:	No	Pedestrian Control:	Yes
Compliant Amenities:	Yes	Traffic Control:	Yes

Scheduling and Estimated Costs

Daily MTA Stops:	12	Average Transfer Time:	0:30
Daily LOTS Stops:	12	<15 Minute Transfers:	5

Total Estimated Improvement Costs:

\$15,825.00

Riva & Forest		
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 SB Stop	Primary Owner:	Annapolis Transit
New Compliant Landing Pad	0	\$0.00
New Sign	1	\$200.00
New Shelter	1	\$15,000.00
New Information Case	1	\$500.00
Stop 2: MTA WB Stop	Primary Owner:	MTA LINK
New Compliant Landing Pad	1	\$4,000.00
New Sign	1	\$200.00
Stop 3: MTA EB Stop	Primary Owner:	MTA LINK
New Compliant Landing Pad	0	\$0.00
New Sign	1	\$200.00
	Location Cost:	\$0.00
	Stop 1 Cost:	\$15,700.00
	Stop 2 Cost:	\$4,200.00
	Stop 3 Cost:	\$200.00
	Total Cost	\$20,100.00

BMC Transfer Study Stop Inventory

Transfer Location:	Riva & Forest	Heading:	50
Stop ID:	NA	Placement:	Farside
On Street:	RIVA RD	Speed:	35 mph
Cross Street:	FOREST DR	Travel Lanes:	4
Survey Date:	12/4/2018	Compliance Level:	Compliant



Bus Stop Sign

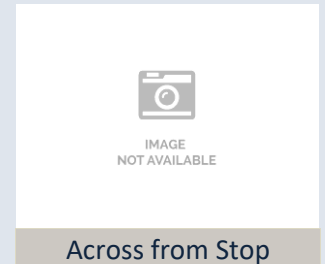
Number of Signs:	1	Stop Owner 1:	MTA Commuter Bus
Sign Installation:	Light pole	Stop Owner 2:	NA
Sign Height:	80" or greater	Stop Owner 3:	NA
Route Info:	MTA 220, 230		



Approaching Stop

Shelters and Other Amenities

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



Across from Stop

Accessibility

Landing Pad:	Yes, unobstructed	Sidewalk Width:	10
Material:	Brick Pavers	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:	Traffic light
CR Connect OSFS:	Yes	Crosswalk OSFS:	Yes	Traffic Control CS:	Traffic light
CR Connect CSAS:	Yes	Crosswalk CSAS:	Yes	Ped Control OS:	Yes
CR Connect CSOP:	Yes	Crosswalk CSOP:	Yes	Ped Control CS:	Yes

Ridership and Improvements

MTA Ridership:	19
LOTS Riders:	

Estimated Stop Improvement Cost:
\$4,200.00

BMC Transfer Study Stop Inventory

Transfer Location:	Riva & Forest	Heading:	240
Stop ID:	NA	Placement:	Farside
On Street:	RIVA RD	Speed:	35 mph
Cross Street:	HOLIDAY CT	Travel Lanes:	4
Survey Date:	12/4/2018	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:	80" or greater	Stop Owner 3:	NA
Route Info:	MTA 220, 230		



Approaching Stop

Shelters and Other Amenities

Shelters:	0	Info Case:	No
Shelter Foundation:	NA	Info Case Accessible:	NA
Shelter Damage:	NA	Info Case Damage:	NA
Shelter Accessible?	NA	Digital Display?	No
Entrance Accessible?	NA	Route Schedule?	No
Interior Accessible?	NA	System Map?	No
Benches?	0	Route Map?	No
Bench Location:	NA	Trash Can?	No
Bench Damage:	NA	Publication Boxes?	0
Bike Racks?	No		



IMAGE
NOT AVAILABLE

Across from Stop

Accessibility

Landing Pad:	None	Sidewalk Width:	4
Material:	NA	Obstruction:	None
Surface Problem:	NA	Land Buffer:	Yes
Obstruction:	NA	Surface Problem:	None
Connect Sidewalk?	NA	Curb Ramp:	Perpendicular
Connect Curb?	NA	Detectable Warning:	Yes



Departing Stop

Safety

CR Connect OSNS:	Yes	Crosswalk OSNS:	Yes	Traffic Control OS:	Traffic light
CR Connect OSFS:	No	Crosswalk OSFS:	No	Traffic Control CS:	Traffic light
CR Connect CSAS:	Yes	Crosswalk CSAS:	Yes	Ped Control OS:	Yes
CR Connect CSOP:	Yes	Crosswalk CSOP:	Yes	Ped Control CS:	Yes

Ridership and Improvements

MTA Ridership:	1
LOTS Riders:	

Estimated Stop Improvement Cost:
\$15,700.00

BMC Transfer Study Stop Inventory

Transfer Location:	Riva & Forest	Heading:	240
Stop ID:	NA	Placement:	Farside
On Street:	RIVA RD	Speed:	35 mph
Cross Street:	HOLIDAY CT	Travel Lanes:	4
Survey Date:	12/4/2018	Compliance Level:	Compliant



Bus Stop Sign

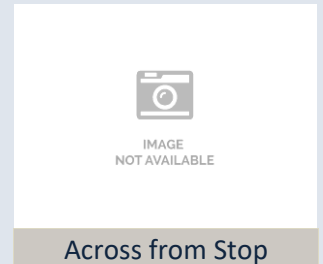
Number of Signs:	0	Stop Owner 1:	Annapolis Transit
Sign Installation:	NA	Stop Owner 2:	NA
Sign Height:	NA	Stop Owner 3:	NA
Route Info:	NA		



Approaching Stop

Shelters and Other Amenities

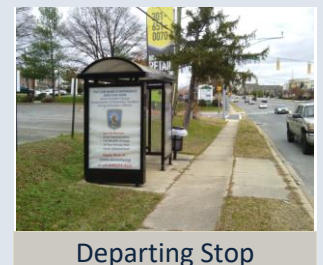
Shelters:	1	Info Case:	No
Shelter Foundation:	Concrete	Info Case Accessible:	NA
Shelter Damage:	Graffiti	Info Case Damage:	NA
Shelter Accessible?	Yes	Digital Display?	No
Entrance Accessible?	Yes	Route Schedule?	No
Interior Accessible?	Yes	System Map?	No
Benches?	1	Route Map?	No
Bench Location:	Shelter	Trash Can?	Yes
Bench Damage:	Graffiti	Publication Boxes?	0
Bike Racks?	No		



Across from Stop

Accessibility

Landing Pad:	Yes, unobstructed	Sidewalk Width:	4
Material:	Concrete	Obstruction:	None
Surface Problem:	None	Land Buffer:	Yes
Obstruction:	None	Surface Problem:	None
Connect Sidewalk?	Yes	Curb Ramp:	Diagonal
Connect Curb?	Yes	Detectable Warning:	Yes



Departing Stop

Safety

CR Connect OSNS:	Yes	Crosswalk OSNS:	Yes	Traffic Control OS:	Traffic light
CR Connect OSFS:	No	Crosswalk OSFS:	No	Traffic Control CS:	Traffic light
CR Connect CSAS:	Yes	Crosswalk CSAS:	Yes	Ped Control OS:	Yes
CR Connect CSOP:	Yes	Crosswalk CSOP:	Yes	Ped Control CS:	Yes

Ridership and Improvements

MTA Ridership:	0
LOTS Riders:	1

Estimated Stop Improvement Cost:
\$4,200.00

BMC Transfer Study Location Profiles

Route 450 & Badger

LOTS: Anne Arundel Transit

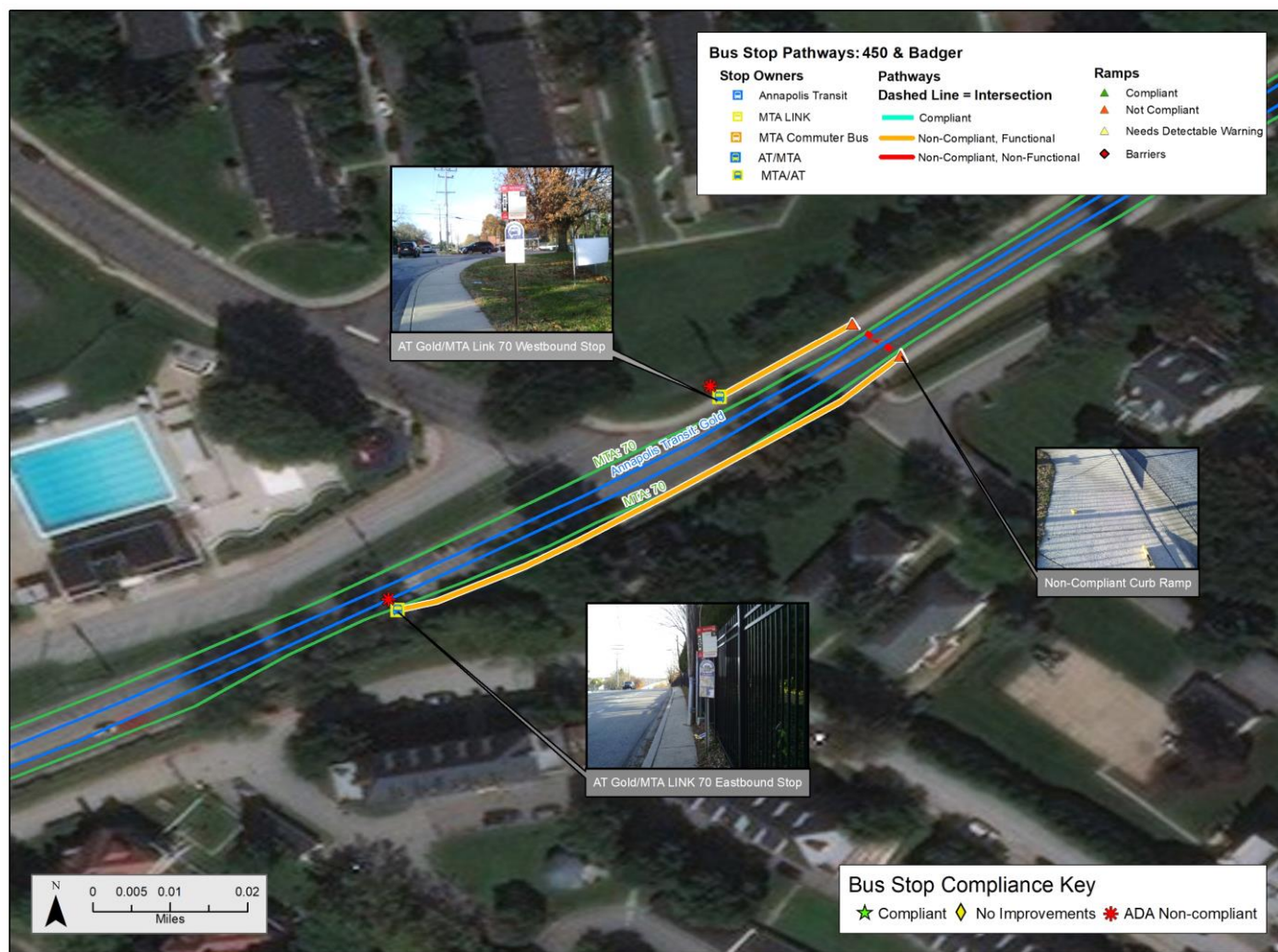
MTA Bus Service: LINK

Location Type: Basic Bus Stop-Residential

Number of Distinct Stops: 2



**BALTIMORE
METROPOLITAN
COUNCIL**



Compliance Overview

Landing Pads Needed:	2	Curb Ramps to Install:	2
Sidewalk (ft) to be installed/repaired:	416	Detectable Warnings Needed:	2
Signs with Non-Compliant Height:	2	Consolidate Signage?	
New Signs Needed:	Yes	Pedestrian Control:	No
Compliant Amenities:	NA	Traffic Control:	No

Scheduling and Estimated Costs

Daily MTA Stops:	Not a timed stop	Average Transfer Time:	NA
Daily LOTS Stops:	14	<15 Minute Transfers:	NA

Total Estimated Improvement Costs:

\$13,570.00

Route 450 & Badger		
Anne Arundel County		
Required Improvements		
New sidewalk to be installed	416	\$10,400.00
New curb ramps	2	\$7,000.00
Detectable warning	2	\$150.00
Enhanced Improvements		
Pedestrian Control	0	\$0.00
Crosswalk	0	\$0.00
Stop 1: MTA/AA EB Stop	Primary Owner:	MTA LINK
New Compliant Landing Pad	1	\$4,000.00
New Sign	1	\$200.00
Stop 2: MTA/AA WB Stop	Primary Owner:	MTA LINK
New Compliant Landing Pad	1	\$4,000.00
New Sign	1	\$200.00
	Location Cost:	\$17,550.00
	Stop 1 Cost:	\$4,200.00
	Stop 2 Cost:	\$4,200.00
	Total Cost	\$25,950.00

BMC Transfer Study Stop Inventory

Transfer Location: **Route 450 & Badger** Heading: **280**

Stop ID: **12267** Placement: **Across From**

On Street: **RT 450** Speed: **35 mph**

Cross Street: **BADGER RD** Travel Lanes: **2**

Survey Date: **11/29/2018** Compliance Level: **ADA Non-Com**



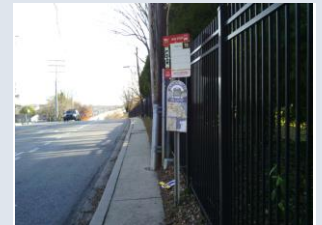
Bus Stop Sign

Number of Signs: **2** Stop Owner 1: **MTA LINK**

Sign Installation: **Bus Stop Pole** Stop Owner 2: **Annapolis Transit**

Sign Height: **80" or greater** Stop Owner 3: **NA**

Route Info: **MTA LINK 70**



Approaching Stop

Shelters and Other Amenities

Shelters: **0** Info Case: **No**

Shelter Foundation: **NA** Info Case Accessible: **NA**

Shelter Damage: **NA** Info Case Damage: **NA**

Shelter Accessible? **NA** Digital Display? **No**

Entrance Accessible? **NA** Route Schedule? **No**

Interior Accessible? **NA** System Map? **Yes**

Benches? **0** Route Map? **Yes**

Bench Location: **NA** Trash Can? **No**

Bench Damage: **NA** Publication Boxes? **0**

Bike Racks? **No**



Across from Stop

Accessibility

Landing Pad: **No, sidewalk** Sidewalk Width: **3**

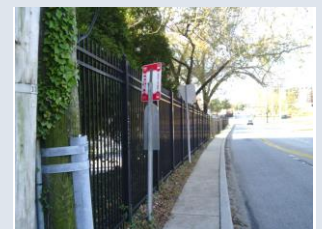
Material: **Concrete** Obstruction: **None**

Surface Problem: **None** Land Buffer: **No**

Obstruction: **None** Surface Problem: **None**

Connect Sidewalk? **Yes** Curb Ramp: **Perpendicular**

Connect Curb? **Yes** Detectable Warning: **No**



Departing Stop

Safety

CR Connect OSNS: **Yes** Crosswalk OSNS: **No** Traffic Control OS: **None**

CR Connect OSFS: **No** Crosswalk OSFS: **No** Traffic Control CS: **NA**

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: **3**

LOTS Riders:

Estimated Stop Improvement Cost:
\$4,200.00

BMC Transfer Study Stop Inventory

Transfer Location: **Route 450 & Badger** Heading: **70**

Stop ID: **12265** Placement: **Nearside**

On Street: **RT 450** Speed: **35 mph**

Cross Street: **BADGER RD** Travel Lanes: **2**

Survey Date: **11/29/2018** Compliance Level: **ADA Non-Com**



Bus Stop Sign

Number of Signs: **2** Stop Owner 1: **MTA LINK**

Sign Installation: **Bus Stop Pole** Stop Owner 2: **Annapolis Transit**

Sign Height: **Less than 80"** Stop Owner 3: **NA**

Route Info: **MTA LINK 70, AT NA**



Approaching Stop

Shelters and Other Amenities

Shelters: **0** Info Case: **No**

Shelter Foundation: **NA** Info Case Accessible: **NA**

Shelter Damage: **NA** Info Case Damage: **NA**

Shelter Accessible? **NA** Digital Display? **No**

Entrance Accessible? **NA** Route Schedule? **No**

Interior Accessible? **NA** System Map? **No**

Benches? **0** Route Map? **No**

Bench Location: **NA** Trash Can? **No**

Bench Damage: **NA** Publication Boxes? **0**

Bike Racks? **No**



IMAGE
NOT AVAILABLE

Across from Stop

Accessibility

Landing Pad: **No, sidewalk** 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: **No**



Departing Stop

Safety

CR Connect OSNS: **Yes** Crosswalk OSNS: **No** Traffic Control OS: **None**

CR Connect OSFS: **No** Crosswalk OSFS: **No** Traffic Control CS: **Yield**

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: **3**

LOTS Riders:

Estimated Stop Improvement Cost:
\$4,200.00

BMC Transfer Study Location Profiles

Route 450 & Brice

LOTS: Anne Arundel Transit

MTA Bus Service: LINK

Location Type: Basic Bus Stop-Residential

Number of Distinct Stops: 2



**BALTIMORE
METROPOLITAN
COUNCIL**



Compliance Overview

Landing Pads Needed:	2	Curb Ramps to Install:	1
Sidewalk (ft) to be installed/repaired:	24	Detectable Warnings Needed:	0
Signs with Non-Compliant Height:	0	Consolidate Signage?	
New Signs Needed:	Yes	Pedestrian Control:	No
Compliant Amenities:	NA	Traffic Control:	No

Scheduling and Estimated Costs

Daily MTA Stops:	Not a timed stop	Average Transfer Time:	NA
Daily LOTS Stops:	Not a timed stop	<15 Minute Transfers:	NA

Total Estimated Improvement Costs:

\$27,970.00

Route 450 & Brice		
Anne Arundel County		
Required Improvements		
New sidewalk to be installed	24	\$600.00
New curb ramps	1	\$3,500.00
Detectable warning	1	\$75.00
Enhanced Improvements		
Pedestrian Control	1	\$695.00
Crosswalk	1	\$300.00
Stop 1: MTA/AA EB Stop	Primary Owner:	MTA LINK
New Compliant Landing Pad	1	\$4,000.00
New Sign	1	\$200.00
Stop 2: MTA/AA WB Stop	Primary Owner:	MTA LINK
New Compliant Landing Pad	1	\$4,000.00
New Sign	1	\$200.00
	Location Cost:	\$5,170.00
	Stop 1 Cost:	\$4,200.00
	Stop 2 Cost:	\$4,200.00
	Total Cost	\$13,570.00

BMC Transfer Study Stop Inventory

Transfer Location:	Route 450 & Brice	Heading:	170
Stop ID:	12264	Placement:	Nearside
On Street:	RITCHIE HWY	Speed:	50 mph
Cross Street	BRICE RD	Travel Lanes:	2
Survey Date:	11/29/2018	Compliance Level:	No Improve



Bus Stop Sign

Number of Signs:	1	Stop Owner 1:	MTA LINK
Sign Installation:	Traffic sign po	Stop Owner 2:	NA
Sign Height:	80" or greater	Stop Owner 3:	NA
Route Info:	MTA LINK 70		



Approaching Stop

Shelters and Other Amenities

Shelters:	0	Info Case:	No
Shelter Foundation:	NA	Info Case Accessible:	NA
Shelter Damage	NA	Info Case Damage:	NA
Shelter Accessible?	NA	Digital Display?	No
Entrance Accessible?	NA	Route Schedule?	No
Interior Accessible?	NA	System Map?	No
Benches?	0	Route Map?	No
Bench Location:	NA	Trash Can?	No
Bench Damage:	NA	Publication Boxes?	0
Bike Racks?	No		



Across from Stop

Accessibility

Landing Pad:	None	Sidewalk Width:	NA
Material:	NA	Obstruction:	NA
Surface Problem:	NA	Land Buffer:	NA
Obstruction:	NA	Surface Problem:	NA
Connect Sidewalk?	NA	Curb Ramp:	None
Connect Curb?	NA	Detectable Warning:	NA



Departing Stop

Safety

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

Ridership and Improvements

MTA Ridership:	1
LOTS Riders:	

Estimated Stop Improvement Cost:
\$4,200.00

BMC Transfer Study Stop Inventory

Transfer Location: **Route 450 & Brice** Heading: **340**
 Stop ID: **12268** Placement: **Farside**
 On Street: **RITCHIE HWY** Speed: **50 mph**
 Cross Street: **RITCHIE RD** Travel Lanes: **2**
 Survey Date: **11/29/2018** Compliance Level: **No Improvement**



Bus Stop Sign

Number of Signs: **2** Stop Owner 1: **MTA LINK**
 Sign Installation: **Bus Stop Pole** Stop Owner 2: **Annapolis Transit**
 Sign Height: **80" or greater** Stop Owner 3: **NA**
 Route Info: **MTA LINK 70, AT NA**



Approaching Stop

Shelters and Other Amenities

Shelters: **0** Info Case: **No**
 Shelter Foundation: **NA** Info Case Accessible: **NA**
 Shelter Damage: **NA** Info Case Damage: **NA**
 Shelter Accessible? **NA** Digital Display? **No**
 Entrance Accessible? **NA** Route Schedule? **No**
 Interior Accessible? **NA** System Map? **No**
 Benches? **0** Route Map? **No**
 Bench Location: **NA** Trash Can? **No**
 Bench Damage: **NA** Publication Boxes? **0**
 Bike Racks? **No**



Across from Stop

Accessibility

Landing Pad: **None** Sidewalk Width: **NA**
 Material: **NA** Obstruction: **NA**
 Surface Problem: **NA** Land Buffer: **NA**
 Obstruction: **NA** Surface Problem: **NA**
 Connect Sidewalk? **NA** Curb Ramp: **None**
 Connect Curb? **NA** Detectable Warning: **NA**



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: **No** Crosswalk CSAS: **Yes** Ped Control OS: **No**
 CR Connect CSOP: **No** Crosswalk CSOP: **No** Ped Control CS: **No**

Ridership and Improvements

MTA Ridership: **1**
 LOTS Riders:

Estimated Stop Improvement Cost:
\$4,200.00

BMC Transfer Study Location Profiles

Route 450 & King George

LOTS: Anne Arundel Transit

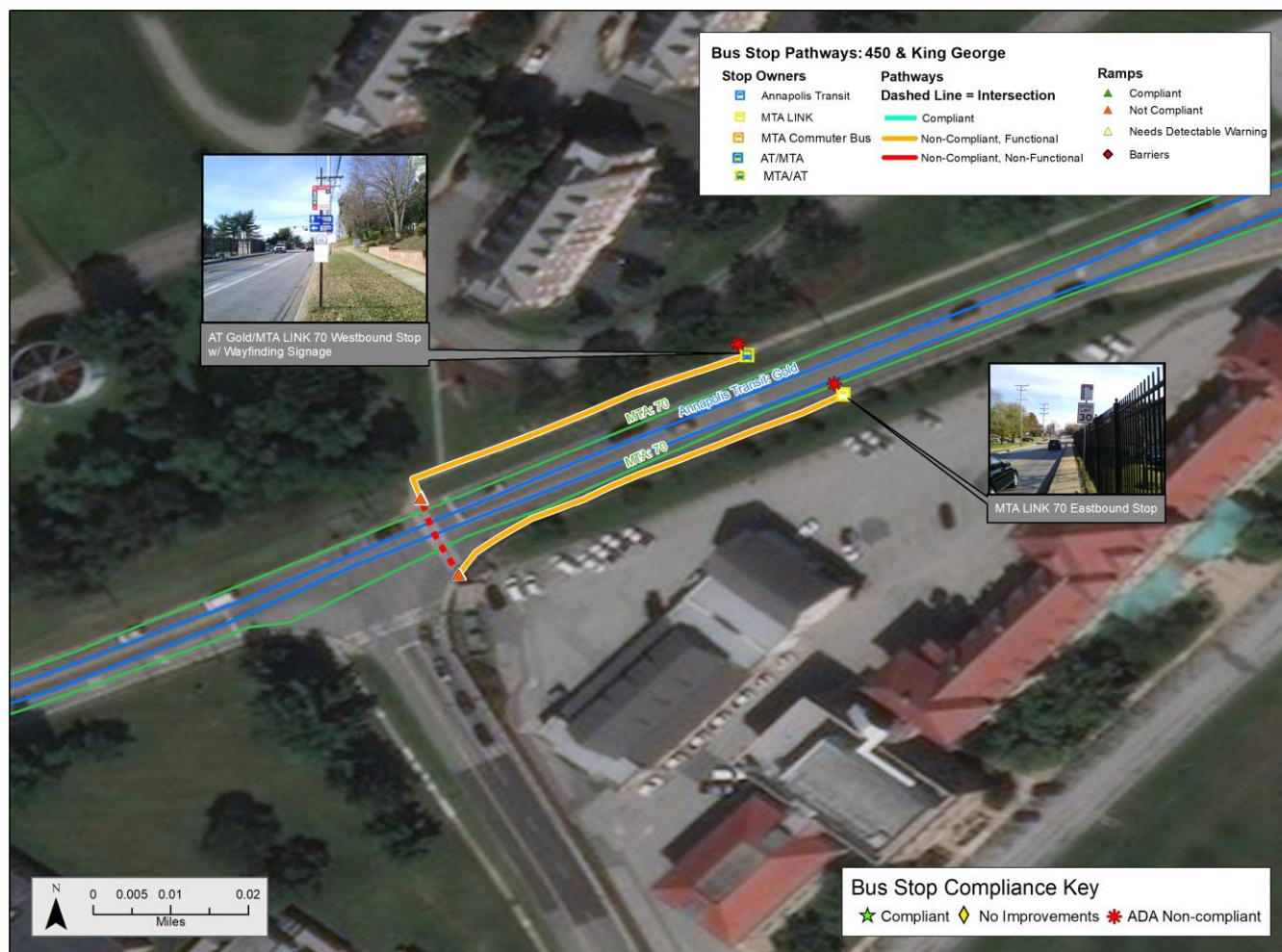
MTA Bus Service: LINK

Location Type: Basic Bus Stop-Residential

Number of Distinct Stops: 4



**BALTIMORE
METROPOLITAN
COUNCIL**



Compliance Overview

Landing Pads Needed:	2	Curb Ramps to Install:	2
Sidewalk (ft) to be installed/repaired:	457	Detectable Warnings Needed:	2
Signs with Non-Compliant Height:	1	Consolidate Signage?	
New Signs Needed:	Yes	Pedestrian Control:	Yes
Compliant Amenities:	NA	Traffic Control:	Yes

Scheduling and Estimated Costs

Daily MTA Stops:	Not a timed stop	Average Transfer Time:	NA
Daily LOTS Stops:	Not a timed stop	<15 Minute Transfers:	NA

Total Estimated Improvement Costs:

\$8,200.00

Route 450 & King George		
Anne Arundel County		
Required Improvements		
New sidewalk to be installed	457	\$11,425.00
New curb ramps	2	\$7,000.00
Detectable warning	2	\$150.00
Enhanced Improvements		
Pedestrian Control	1	\$695.00
Crosswalk	1	\$300.00
Stop 1: MTA/AA SB Stop	Primary Owner:	MTA LINK
New Compliant Landing Pad	1	\$4,000.00
New Sign	1	\$200.00
Stop 2: MTA/AA NB Stop	Primary Owner:	MTA LINK
New Compliant Landing Pad	1	\$4,000.00
New Sign	1	\$200.00
	Location Cost:	\$19,570.00
	Stop 1 Cost:	\$4,200.00
	Stop 2 Cost:	\$4,200.00
	Total Cost	\$27,970.00

BMC Transfer Study Stop Inventory

Transfer Location: **Route 450 & King George** Heading: **270**
 Stop ID: **8436** Placement: **At Location**
 On Street: **RT 450** Speed: **30 mph**
 Cross Street: **@ PERRY CIRCL** Travel Lanes: **2**
 Survey Date: **11/29/2018** Compliance Level: **ADA Non-Com**



Bus Stop Sign

Number of Signs: **2** Stop Owner 1: **MTA LINK**
 Sign Installation: **Bus Stop Pole** Stop Owner 2: **Annapolis Transit**
 Sign Height: **80" or greater** Stop Owner 3: **NA**
 Route Info: **MTA LINK 70, AT NA**



Approaching Stop

Shelters and Other Amenities

Shelters: **0** Info Case: **No**
 Shelter Foundation: **NA** Info Case Accessible: **NA**
 Shelter Damage: **NA** Info Case Damage: **NA**
 Shelter Accessible? **NA** Digital Display? **No**
 Entrance Accessible? **NA** Route Schedule? **No**
 Interior Accessible? **NA** System Map? **No**
 Benches? **0** Route Map? **No**
 Bench Location: **NA** Trash Can? **No**
 Bench Damage: **NA** Publication Boxes? **0**
 Bike Racks? **No**



Across from Stop

Accessibility

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



Departing Stop

Safety

CR Connect OSNS: **Yes** Crosswalk OSNS: **Yes** Traffic Control OS: **Traffic light**
 CR Connect OSFS: **No** Crosswalk OSFS: **No** Traffic Control CS: **Traffic light**
 CR Connect CSAS: **No** Crosswalk CSAS: **No** Ped Control OS: **Yes**
 CR Connect CSOP: **No** Crosswalk CSOP: **No** Ped Control CS: **NA**

Ridership and Improvements

MTA Ridership: **0**
 LOTS Riders:

Estimated Stop Improvement Cost:
\$4,200.00

BMC Transfer Study Stop Inventory

Transfer Location: Route 450 & King George
 Stop ID: 8430
 On Street: RT 450
 Cross Street: @ PERRY CIRCL
 Survey Date: 11/29/2018

Heading: 80
 Placement: Across From
 Speed: 30 mph
 Travel Lanes: 2
 Compliance Level: ADA Non-Com



Bus Stop Sign

Number of Signs: 1
 Sign Installation: Traffic sign po
 Sign Height: 80" or greater
 Route Info: MTA LINK 70

Stop Owner 1: MTA LINK
 Stop Owner 2: NA
 Stop Owner 3: NA

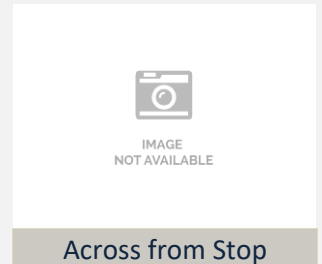


Approaching Stop

Shelters and Other Amenities

Shelters: 0
 Shelter Foundation: NA
 Shelter Damage: NA
 Shelter Accessible? NA
 Entrance Accessible? NA
 Interior Accessible? NA
 Benches? 0
 Bench Location: NA
 Bench Damage: NA
 Bike Racks? No

Info Case: No
 Info Case Accessible: NA
 Info Case Damage: NA
 Digital Display? No
 Route Schedule? No
 System Map? No
 Route Map? No
 Trash Can? No
 Publication Boxes? 0

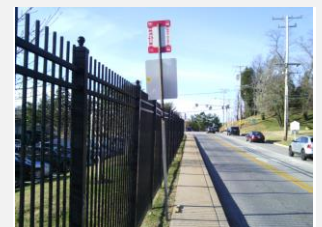


Across from Stop

Accessibility

Landing Pad: No, sidewalk
 Material: Concrete
 Surface Problem: None
 Obstruction: None
 Connect Sidewalk? Yes
 Connect Curb? Yes

Sidewalk Width: 3
 Obstruction: None
 Land Buffer: No
 Surface Problem: None
 Curb Ramp: Perpendicular
 Detectable Warning: No



Departing Stop

Safety

CR Connect OSNS: No
 CR Connect OSFS: Yes
 CR Connect CSAS: No
 CR Connect CSOP: No

Crosswalk OSNS: No
 Crosswalk OSFS: Yes
 Crosswalk CSAS: No
 Crosswalk CSOP: No

Traffic Control OS: Traffic light
 Traffic Control CS: Traffic light
 Ped Control OS: No
 Ped Control CS: No

Ridership and Improvements

MTA Ridership: 0
 LOTS Riders:

Estimated Stop Improvement Cost:
\$4,200.00

BMC Transfer Study Location Profiles

Rowe & Taylor

LOTS: Anne Arundel Transit & Annapolis Transit

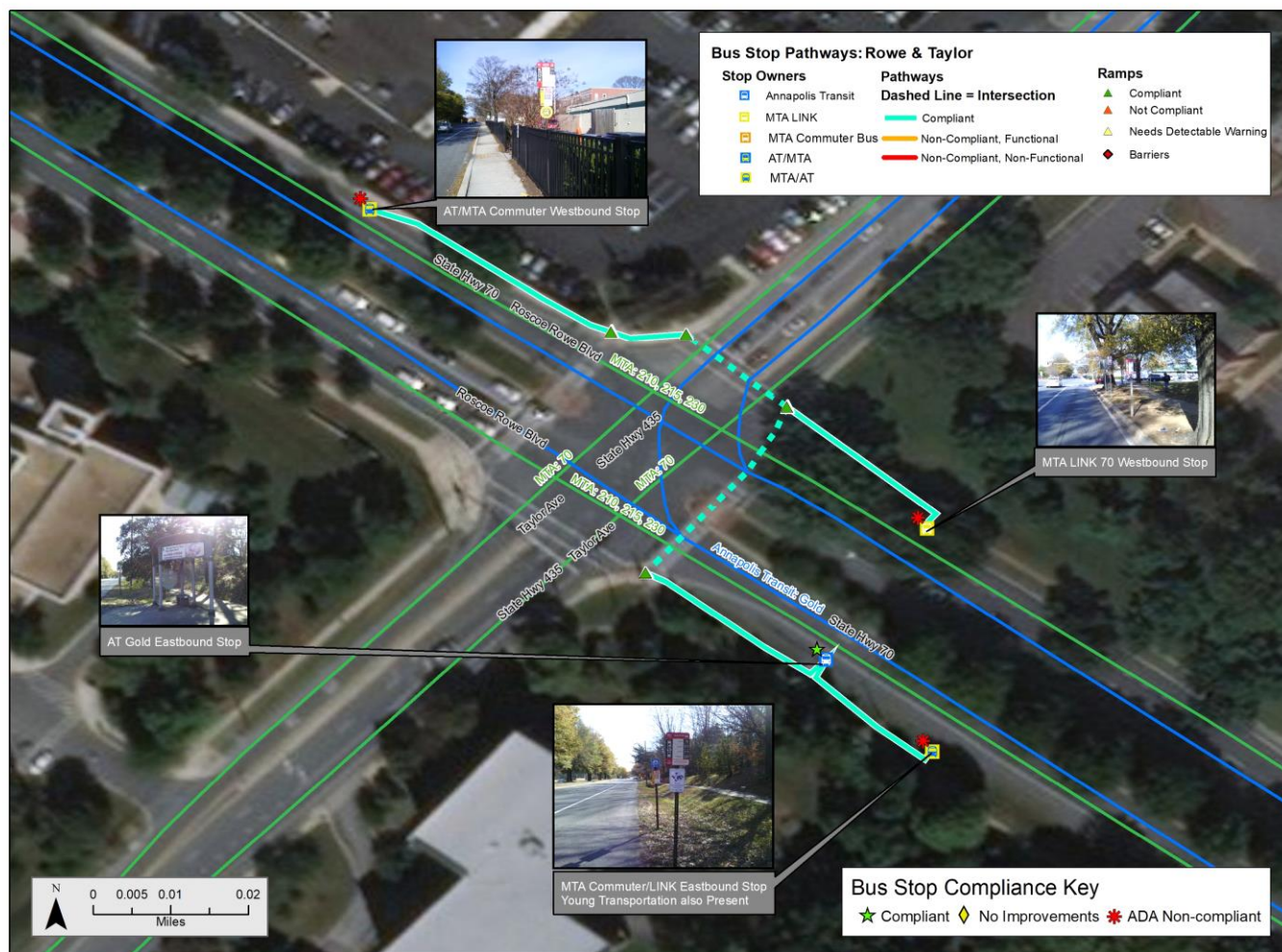
MTA Bus Service: Commuter & LINK

Location Type: Basic Bus Stop-Residential

Number of Distinct Stops: 2



**BALTIMORE
METROPOLITAN
COUNCIL**



Compliance Overview

Landing Pads Needed:	3	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:	No	Pedestrian Control:	Yes
Compliant Amenities:	Yes	Traffic Control:	Yes

Scheduling and Estimated Costs

Daily MTA Stops:	18	Average Transfer Time:	0:42
Daily LOTS Stops:	14	<15 Minute Transfers:	7

Total Estimated Improvement Costs:

\$9,170.00

Rowe & Taylor		
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: MTA/AA EB Stop	Primary Owner:	MTA LINK
New Compliant Landing Pad	1	\$4,000.00
New Sign	0	\$0.00
Stop 2: MTA EB Stop	Primary Owner:	MTA Commuter
New Compliant Landing Pad	1	\$4,000.00
New Sign	1	\$200.00
Stop 3: MTA WB Stop	Primary Owner:	MTA LINK
New Compliant Landing Pad	1	\$4,000.00
New Sign	0	\$0.00
Stop 4: AT WB Stop	Primary Owner:	Annapolis Transit
New Compliant Landing Pad	0	\$0.00
New Sign	0	\$0.00
New Information Case	1	\$500.00
New Digital Display	1	\$1,000.00
	Location Cost:	\$0.00
	Stop 1 Cost:	\$4,000.00
	Stop 2 Cost:	\$4,200.00
	Stop 3 Cost:	\$4,000.00
	Stop 4 Cost:	\$1,500.00
	Total Cost	\$8,200.00

BMC Transfer Study Stop Inventory

Transfer Location:	Rowe & Taylor	Heading:	300
Stop ID:	10921	Placement:	Farside
On Street:	ROWE BLVD	Speed:	40 mph
Cross Street:	TAYLOR AVE	Travel Lanes:	4
Survey Date:	11/29/2018	Compliance Level:	ADA Non-Com



Bus Stop Sign

Number of Signs:	2	Stop Owner 1:	MTA LINK
Sign Installation:	Other	Stop Owner 2:	MTA Commuter Bus
Sign Height:	80" or greater	Stop Owner 3:	NA
Route Info:	MTA LINK 70, MTA 210, 215, 220, 230		



Approaching Stop

Shelters and Other Amenities

Shelters:	0	Info Case:	No
Shelter Foundation:	NA	Info Case Accessible:	NA
Shelter Damage:	NA	Info Case Damage:	NA
Shelter Accessible?	NA	Digital Display?	No
Entrance Accessible?	NA	Route Schedule?	No
Interior Accessible?	NA	System Map?	No
Benches?	0	Route Map?	No
Bench Location:	NA	Trash Can?	No
Bench Damage:	NA	Publication Boxes?	0
Bike Racks?	No		



Across from Stop

Accessibility

Landing Pad:	None	Sidewalk Width:	4
Material:	NA	Obstruction:	None
Surface Problem:	NA	Land Buffer:	Yes
Obstruction:	NA	Surface Problem:	None
Connect Sidewalk?	NA	Curb Ramp:	Diagonal
Connect Curb?	NA	Detectable Warning:	Yes



Departing Stop

Safety

CR Connect OSNS:	Yes	Crosswalk OSNS:	Yes	Traffic Control OS:	Traffic light
CR Connect OSFS:	Yes	Crosswalk OSFS:	Yes	Traffic Control CS:	Traffic light
CR Connect CSAS:	Yes	Crosswalk CSAS:	Yes	Ped Control OS:	Yes
CR Connect CSOP:	Yes	Crosswalk CSOP:	Yes	Ped Control CS:	Yes

Ridership and Improvements

MTA Ridership:	6
LOTS Riders:	

Estimated Stop Improvement Cost:
\$4,000.00

BMC Transfer Study Stop Inventory

Transfer Location:	Rowe & Taylor	Heading:	125
Stop ID:	NA	Placement:	Farside
On Street:	ROWE BLVD	Speed:	40 mph
Cross Street:	TAYLOR AVE	Travel Lanes:	4
Survey Date:	11/29/2018	Compliance Level:	ADA Non-Com



Bus Stop Sign

Number of Signs:	3	Stop Owner 1:	MTA LINK
Sign Installation:	Bus Stop Pole	Stop Owner 2:	MTA Commuter Bus
Sign Height:	80" or greater	Stop Owner 3:	Annapolis Transit
Route Info:	MTA 220, 210, 215, 230		



Approaching Stop

Shelters and Other Amenities

Shelters:	0	Info Case:	No
Shelter Foundation:	NA	Info Case Accessible:	NA
Shelter Damage:	NA	Info Case Damage:	NA
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?	No
Bench Damage:	None	Publication Boxes?	0
Bike Racks?	No		



Across from Stop

Accessibility

Landing Pad:	No, sidewalk	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:	Yes	Crosswalk OSNS:	Yes	Traffic Control OS:	Traffic light
CR Connect OSFS:	Yes	Crosswalk OSFS:	Yes	Traffic Control CS:	Traffic light
CR Connect CSAS:	Yes	Crosswalk CSAS:	Yes	Ped Control OS:	Yes
CR Connect CSOP:	Yes	Crosswalk CSOP:	Yes	Ped Control CS:	Yes

Ridership and Improvements

MTA Ridership:	11
LOTS Riders:	

Estimated Stop Improvement Cost:
\$4,000.00

BMC Transfer Study Stop Inventory

Transfer Location:	Rowe & Taylor	Heading:	300
Stop ID:	NA	Placement:	Farside
On Street:	ROWE BLVD	Speed:	40 mph
Cross Street:	TAYLOR AVE	Travel Lanes:	4
Survey Date:	11/29/2018	Compliance Level:	Compliant



Bus Stop Sign

Number of Signs:	1	Stop Owner 1:	Annapolis Transit
Sign Installation:	Shelter	Stop Owner 2:	NA
Sign Height:	Less than 80"	Stop Owner 3:	NA
Route Info:	AT GOLD		



Approaching Stop

Shelters and Other Amenities

Shelters:	1	Info Case:	Yes
Shelter Foundation:	Concrete	Info Case Accessible:	Too High
Shelter Damage:	None	Info Case Damage:	None
Shelter Accessible?	Yes	Digital Display?	No
Entrance Accessible?	Yes	Route Schedule?	No
Interior Accessible?	Yes	System Map?	Yes
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:	4
Material:	Concrete	Obstruction:	None
Surface Problem:	None	Land Buffer:	Yes
Obstruction:	None	Surface Problem:	None
Connect Sidewalk?	Yes	Curb Ramp:	Diagonal
Connect Curb?	Yes	Detectable Warning:	Yes



Departing Stop

Safety

CR Connect OSNS:	Yes	Crosswalk OSNS:	Yes	Traffic Control OS:	Traffic light
CR Connect OSFS:	Yes	Crosswalk OSFS:	Yes	Traffic Control CS:	Traffic light
CR Connect CSAS:	Yes	Crosswalk CSAS:	Yes	Ped Control OS:	Yes
CR Connect CSOP:	Yes	Crosswalk CSOP:	Yes	Ped Control CS:	Yes

Ridership and Improvements

MTA Ridership:	0
LOTS Riders:	

Estimated Stop Improvement Cost:
\$1,500.00

BMC Transfer Study Stop Inventory

Transfer Location: **Rowe & Taylor** Heading: **110**
 Stop ID: **13653** Placement: **Nearside**
 On Street: **ROWE BLVD** Speed: **40 mph**
 Cross Street: **TAYLOR AVE** Travel Lanes: **4**
 Survey Date: **11/29/2018** Compliance Level: **ADA Non-Com**



Bus Stop Sign

Number of Signs: **1** Stop Owner 1: **MTA LINK**
 Sign Installation: **Bus Stop Pole** Stop Owner 2: **NA**
 Sign Height: **Less than 80"** Stop Owner 3: **NA**
 Route Info: **MTA LINK 70**



Approaching Stop

Shelters and Other Amenities

Shelters: **0** Info Case: **No**
 Shelter Foundation: **NA** Info Case Accessible: **NA**
 Shelter Damage: **NA** Info Case Damage: **NA**
 Shelter Accessible? **NA** Digital Display? **No**
 Entrance Accessible? **NA** Route Schedule? **No**
 Interior Accessible? **NA** System Map? **No**
 Benches? **0** Route Map? **No**
 Bench Location: **NA** Trash Can? **No**
 Bench Damage: **NA** Publication Boxes? **0**
 Bike Racks? **No**



Across from Stop

Accessibility

Landing Pad: **None** Sidewalk Width: **4**
 Material: **NA** Obstruction: **None**
 Surface Problem: **NA** Land Buffer: **Yes**
 Obstruction: **NA** Surface Problem: **Vegetation**
 Connect Sidewalk? **NA** Curb Ramp: **Diagonal**
 Connect Curb? **NA** Detectable Warning: **Yes**



Departing Stop

Safety

CR Connect OSNS: **Yes** Crosswalk OSNS: **Yes** Traffic Control OS: **Traffic light**
 CR Connect OSFS: **Yes** Crosswalk OSFS: **Yes** Traffic Control CS: **Traffic light**
 CR Connect CSAS: **Yes** Crosswalk CSAS: **Yes** Ped Control OS: **Yes**
 CR Connect CSOP: **Yes** Crosswalk CSOP: **Yes** Ped Control CS: **Yes**

Ridership and Improvements

MTA Ridership: **24**
 LOTS Riders:

Estimated Stop Improvement Cost:
\$4,200.00

BMC Transfer Study Location Profiles

Truman Park & Ride

LOTS: **Annapolis Transit**

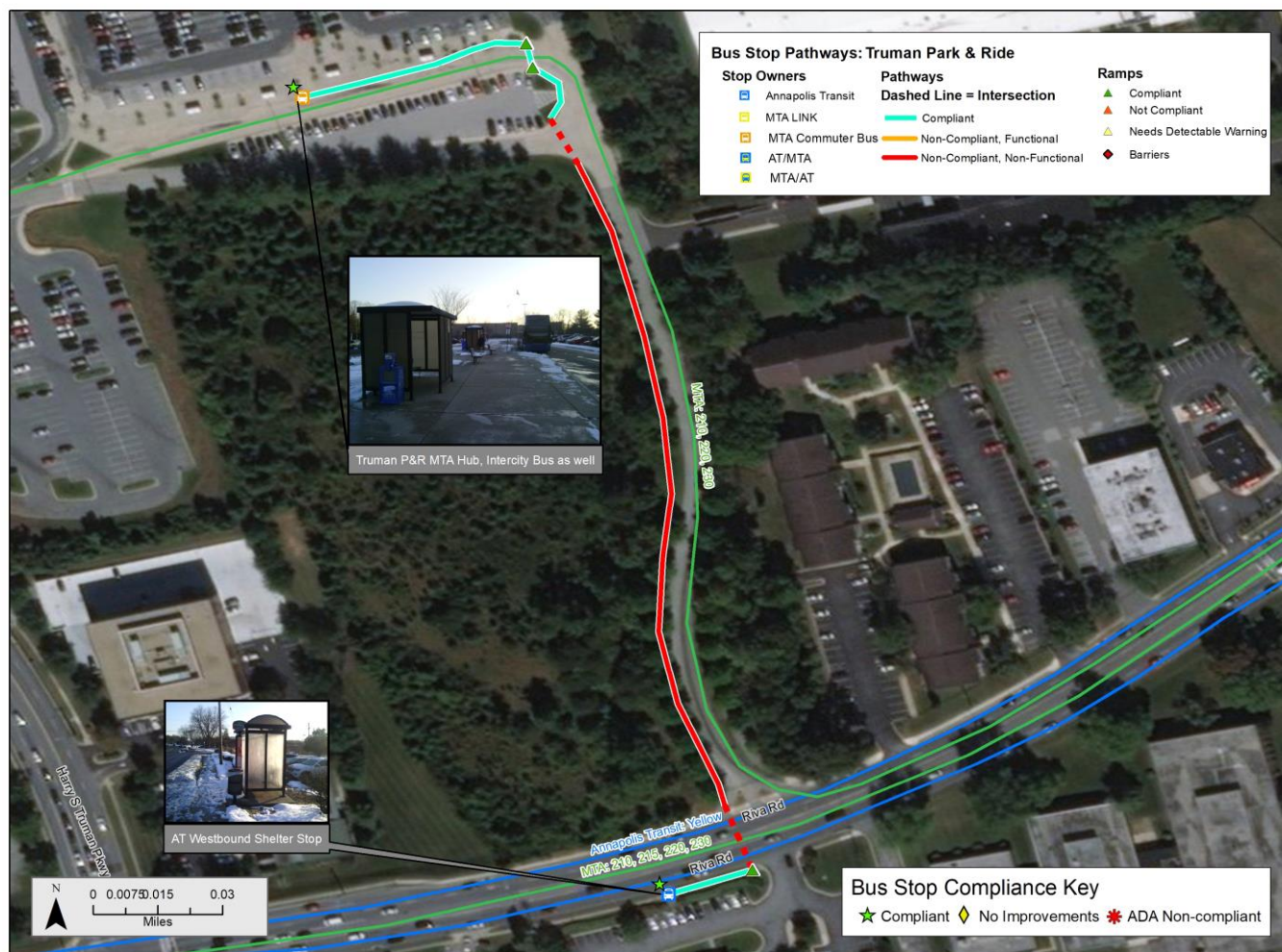
MTA Bus Service: **Commuter**

Location Type: **Transit Center-Park & Ride**

Number of Distinct Stops: **2**



**BALTIMORE
METROPOLITAN
COUNCIL**



Compliance Overview

Landing Pads Needed:	0	Curb Ramps to Install:	3
Sidewalk (ft) to be installed/repaired:	828	Detectable Warnings Needed:	3
Signs with Non-Compliant Height:	0	Consolidate Signage?	No
New Signs Needed:	No	Pedestrian Control:	No
Compliant Amenities:	Yes	Traffic Control:	No

Scheduling and Estimated Costs

Daily MTA Stops:	10	Average Transfer Time:	NA
Daily LOTS Stops:	12	<15 Minute Transfers:	NA

Total Estimated Improvement Costs:

\$8,400.00

Truman Park & Ride		
Anne Arundel County		
Required Improvements		
New sidewalk to be installed	828	\$20,700.00
New curb ramps	3	\$10,500.00
Detectable warning	3	\$225.00
Enhanced Improvements		
Pedestrian Control	0	\$0.00
Crosswalk	0	\$0.00
Stop 1: MTA Park & Ride Stop	Primary Owner:	MTA Commuter
New Compliant Landing Pad	0	\$0.00
New Sign	0	\$0.00
New Information Case	1	\$500.00
New Digital Display	1	\$1,000.00
Stop 2: AA Stop	Primary Owner:	Anne Arundel County Office of Transportation
New Compliant Landing Pad	1	\$4,000.00
New Sign	1	\$200.00
	Location Cost:	\$31,425.00
	Stop 1 Cost:	\$1,500.00
	Stop 2 Cost:	\$4,200.00
	Total Cost	\$37,125.00

BMC Transfer Study Stop Inventory

Transfer Location:	Truman Park & Ride	Heading:	270
Stop ID:	NA	Placement:	At Location
On Street:	TRUMAN P&R B	Speed:	10 mph
Cross Street:	@TRUMAN P&	Travel Lanes:	1
Survey Date:	1/16/2019	Compliance Level:	Compliant



Bus Stop Sign

Number of Signs:	1	Stop Owner 1:	MTA Commuter Bus
Sign Installation:	Bus Stop Pole	Stop Owner 2:	NA
Sign Height:	80" or greater	Stop Owner 3:	NA
Route Info:	MTA 210, 220, 230		



Approaching Stop

Shelters and Other Amenities

Shelters:	4	Info Case:	Yes
Shelter Foundation:	Concrete	Info Case Accessible:	Accessible
Shelter Damage:	Graffiti	Info Case Damage:	Graffiti
Shelter Accessible?	Yes	Digital Display?	No
Entrance Accessible?	Yes	Route Schedule?	Yes
Interior Accessible?	Yes	System Map?	No
Benches?	7	Route Map?	Yes
Bench Location:	Shelter/Fre	Trash Can?	Yes
Bench Damage:	None	Publication Boxes?	9
Bike Racks?	Yes		



IMAGE
NOT AVAILABLE

Across from Stop

Accessibility

Landing Pad:	Yes, unobstructed	Sidewalk Width:	16
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:	Yes	Crosswalk OSFS:	Yes	Traffic Control CS:	None
CR Connect CSAS:	Not Applicable	Crosswalk CSAS:	Not Applicable	Ped Control OS:	No
CR Connect CSOP:	Not Applicable	Crosswalk CSOP:	Not Applicable	Ped Control CS:	No

Ridership and Improvements

MTA Ridership:	524
LOTS Riders:	

Estimated Stop Improvement Cost:
\$1,500.00

BMC Transfer Study Location Profiles

Westfield Mall

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

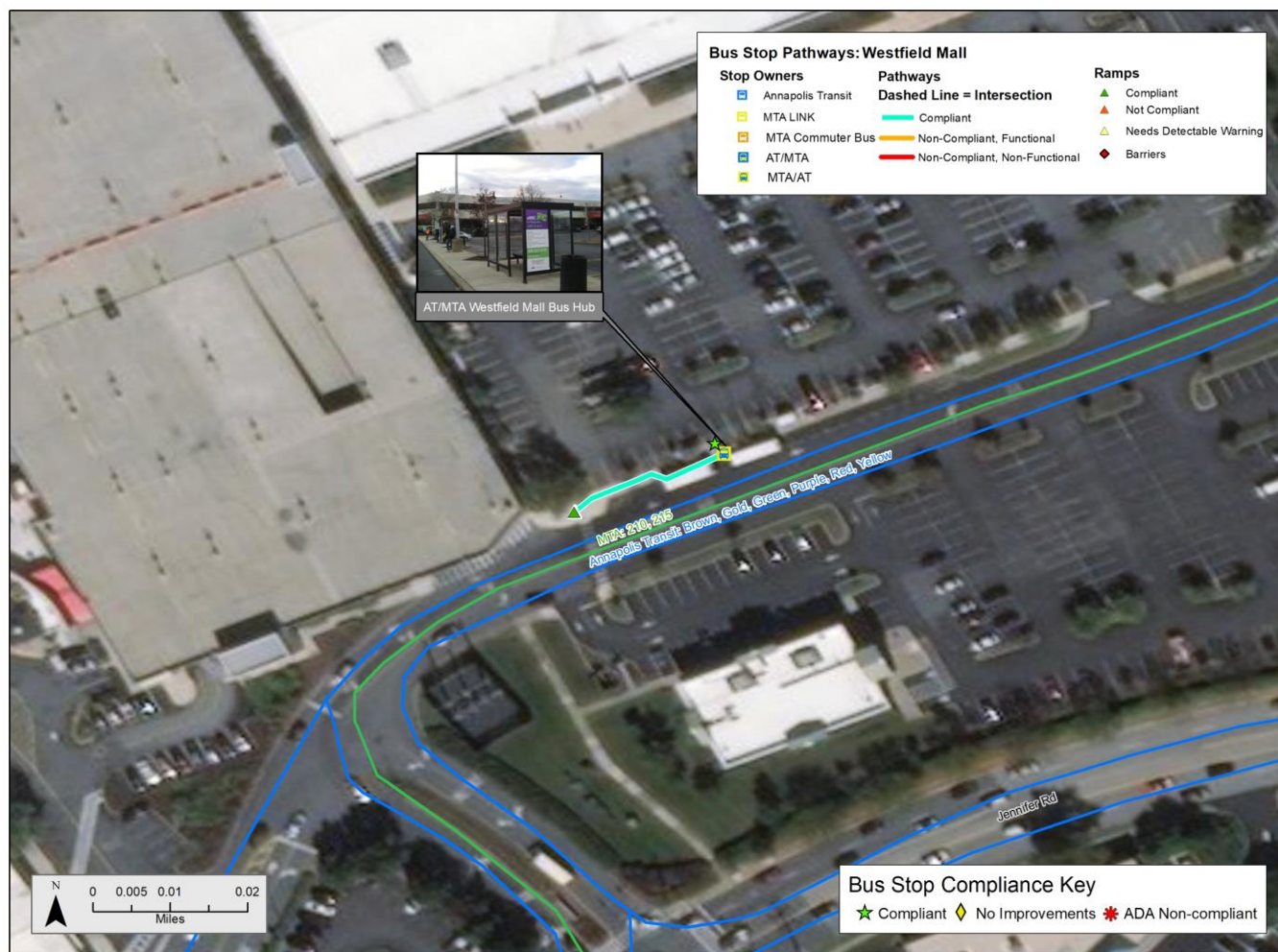
MTA Bus Service: Commuter & LINK

Location Type: Transit Center-Shopping Center

Number of Distinct Stops: 2



**BALTIMORE
METROPOLITAN
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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

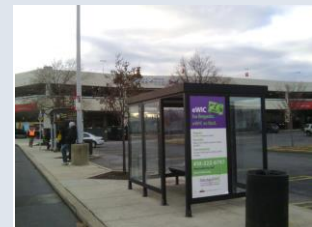
BMC Transfer Study Stop Inventory

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