

Maryland Transit Administration

MDOT/MTA

Intercounty Connector Bus Service Plan

July 2010



MARC and Commuter Bus Operations
1515 Washington Boulevard
Baltimore, Maryland 21230

Intercounty Connector Bus Service Plan

Introduction

The Intercounty Connector (ICC) is an 18.8 mile toll road that will link I-270/I-370 in Montgomery County to I-95 and US 1 in Prince George's County. The ICC is composed of four segments or contracts. Contract A, the first segment, is a seven-mile stretch between I-370 and Georgia Avenue (MD 97). Contract A is on schedule to open in fall 2010. The remaining three segments are on schedule to open in late fall 2011 or early 2012.

The ICC will open a considerable market for high speed and high capacity east-west travel where none has existed previously. This road is expected to link some regional markets more efficiently and improve access from Montgomery County to key business destinations such as the BWI Airport Business District. In addition, it will facilitate easy access from eastern Montgomery County, Frederick County, Howard County, Prince George's County and Anne Arundel County to the I-270 Technology Corridor and the Maryland BRAC facilities at Fort Meade and Bethesda.

The Maryland Transit Administration (MTA) has identified the need to prepare a bus transit plan to be implemented with the construction of the ICC. The opening of the ICC brings substantial opportunities for developing high quality express and local bus transit services that link these, and future communities and activity centers, thus expanding mobility by offering travel choices to those who currently rely on or prefer to use public transit. This bus plan will identify specific transit services, routes and parking facilities to be used on the new highway facility.

The bus service plan will be presented in two phases. Phase I is designed for opening day service in 2010 when the first seven-mile stretch is open and includes two recommended routes. Phase II is designed for the completion of the ICC in 2011 and includes the addition of three more routes and modification to the Phase 1 routes.



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Phase I - Opening Day 2010

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ICC Bus Route 201 Gaithersburg to BWI Airport

Route Description:

This service would operate between the Gaithersburg Park and Ride lot located at I-270 and MD 124 in Montgomery County and BWI Thurgood Marshall Airport. The service would leave the Gaithersburg Park and Ride lot and travel south on I-270 to the ICC. Service would continue on the ICC to the Shady Grove Metro Station. Upon leaving the Metro Station the service would return to the ICC and travel to the Norbeck Park and Ride on Norbeck Road at MD 97. The route would then follow MD 28 to MD 198 to the Burtonsville Park and Ride lot, continuing north on Rt. 29, east on MD 32 and north on I-95 to I-195 to BWI Airport. During the weekdays only the route would terminate at the BWI MARC/AMTRAK Rail Station.

The No. 201 would operate seven days a week with hourly service accommodating fourteen daily round-trips.

Service Characteristics:

Level of Service	One-Way Miles/Time	Proposed Full Fare	Stops	Parking Spaces
14 round trips	47 miles	<ul style="list-style-type: none"> One-way - \$5.00 Ten Trip Ticket - \$38.25 Monthly Pass - \$144.50 Transit Link Card - \$219.50 	<ul style="list-style-type: none"> Gaithersburg Park and Ride Shady Grove Metro Station Norbeck Park and Ride Burtonsville Park and Ride BWI (Southwest Terminal) BWI (International Terminal) BWI MARC/Amtrak Rail Station 	517 5,745 248 500 N/A N/A 3,200
7 days per week	75 minutes			

Sample Schedule:

Route 201 To BWI Airport

Gaithersburg Park and Ride	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	1:00	2:00	3:00	4:00	5:00
Shady Grove Metro	4:08	5:08	6:08	7:08	8:08	9:08	10:08	11:08	12:08	1:08	2:08	3:08	4:08	5:08
Norbeck Park and Ride	4:18	5:18	6:18	7:18	8:18	9:18	10:18	11:18	12:18	1:18	2:18	3:18	4:18	5:18
Burtonsville Park and Ride	4:40	5:40	6:40	7:40	8:40	9:40	10:40	11:40	12:40	1:40	2:40	3:40	4:40	5:40
BWI (Southwest Airlines)	5:08	6:08	7:08	8:08	9:08	10:08	11:08	12:08	1:08	2:08	3:08	4:08	5:08	6:08
BWI (International Terminal)	5:09	6:09	7:09	8:09	9:09	10:09	11:09	12:09	1:09	2:09	3:09	4:09	5:09	6:09
BWI (MARC/Amtrak Rail Station)*	5:15	6:15	7:15	8:15	9:15	10:15	11:15	12:15	1:15	2:15	3:15	4:15	5:15	6:15

Bold times are pm

** Denotes Weekday service only*

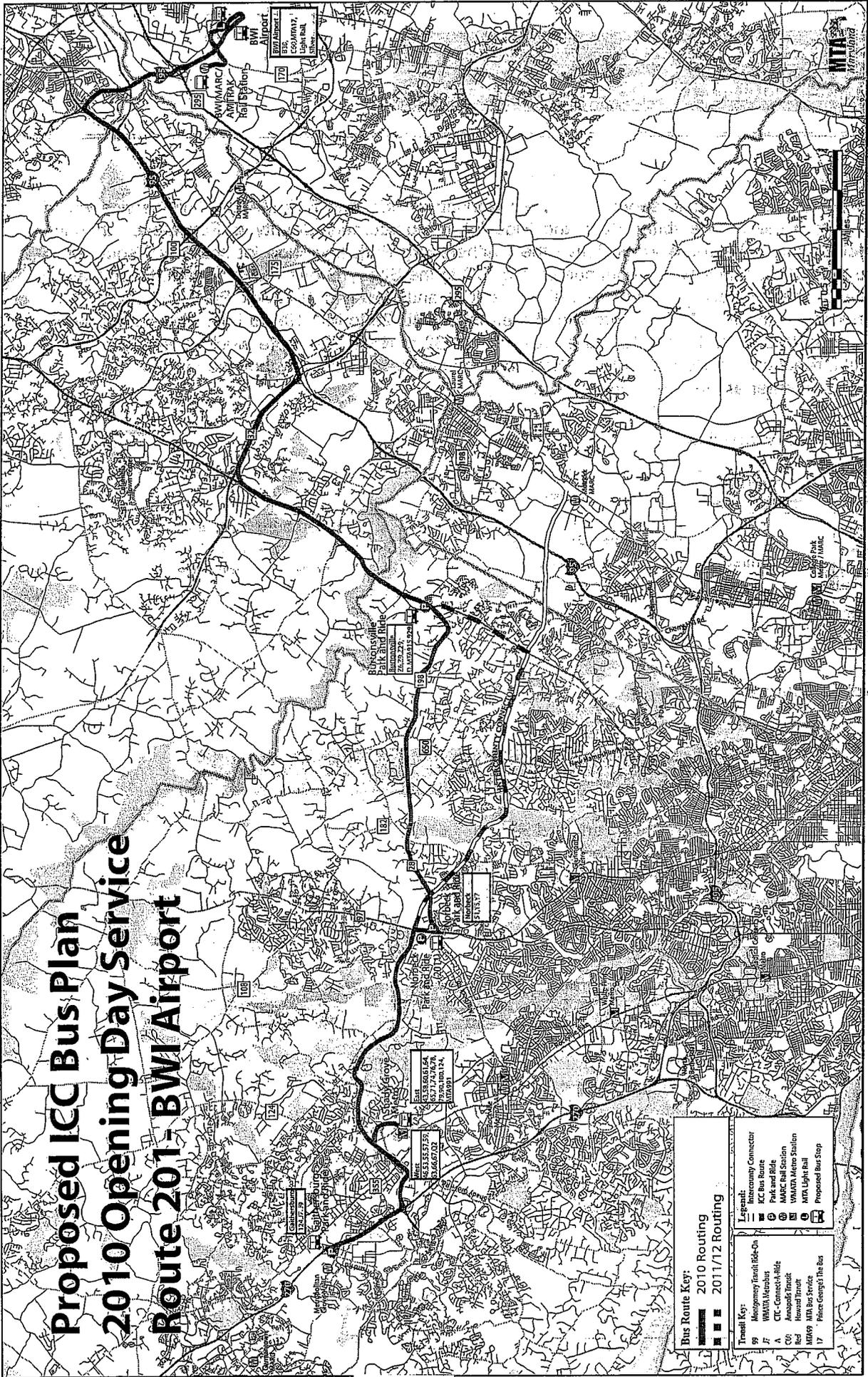
Route 201 To Gaithersburg

BWI (MARC/Amtrak Rail Station)*	9:00	10:00	11:00	12:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00
BWI (Southwest Airlines)	9:05	10:05	11:05	12:05	1:05	2:05	3:05	4:05	5:05	6:05	7:05	8:05	9:05	10:05
BWI (International Terminal)	9:06	10:06	11:06	12:06	1:06	2:06	3:06	4:06	5:06	6:06	7:06	8:06	9:06	10:06
Burtonsville Park and Ride	9:31	10:31	11:31	12:31	1:31	2:31	3:31	4:31	5:31	6:31	7:31	8:31	9:31	10:31
Norbeck Park and Ride	9:53	10:53	11:53	12:53	1:53	2:53	3:53	4:53	5:53	6:53	7:53	8:53	9:53	10:53
Shady Grove Metro	10:04	11:04	12:04	1:04	2:04	3:04	4:04	5:04	6:04	7:04	8:04	9:04	10:04	11:04
Gaithersburg Park and Ride	10:13	11:13	12:13	1:13	2:13	3:13	4:13	5:13	6:13	7:13	8:13	9:13	10:13	11:13

Bold times are pm

** Denotes Weekday service only*

Proposed ICC Bus Plan 2010 Opening Day Service Route 201 - BWI Airport



Bus Route Key:	2010 Routing	2011/12 Routing
<ul style="list-style-type: none"> Mongomery Transit Bus-On WMA Metrobus CTC - Connect-A-Ride Annapolis Transit Howard Transit MARY MTA Bus Service Prince Georges The Bus 	<ul style="list-style-type: none"> Intercommunity Connector EC Bus Route Park and Ride MARC Rail Station WMATA Metro Station MTA Light Rail Proposed Bus Stop 	<ul style="list-style-type: none"> Proposed Bus Stop

ICC Bus Route 202 Gaithersburg to NSA/Fort Meade

Route Description:

This service is designed to serve employees working at NSA and Fort Meade. This service would operate from the Gaithersburg Park and Ride lot in Montgomery County to Fort Meade in Anne Arundel County. The route would leave the Gaithersburg Park and Ride lot and travel south on I-270 to the ICC. Service would continue on the ICC to the Shady Grove Metro Station. Upon leaving the Metro Station service would return to the ICC and travel to Norbeck Park and Ride lot on Norbeck Road at MD 97. The route would then follow MD 28 to MD 198 to I-95. The service would continue north on I-95 to MD 32, travel east on MD 32 to NSA. The route would then return to MD 32 until it reaches the Odenton MARC Station. The service would then continue in to Ft. Meade via MD 175 and enter at the Reece Road gate.

Service Characteristics:

Level of Service	One-Way Miles/Time	Proposed Full Fare	Stops	Parking Spaces
3AM Trips 3PM Trips 1 Midday	46 miles	<ul style="list-style-type: none"> One-way - \$5.00 Ten Trip Ticket - \$38.25 Monthly Pass - \$144.50 Transit Link Card - \$219.50 	<ul style="list-style-type: none"> Gaithersburg Park and Ride Shady Grove Metro Station Norbeck Park and Ride NSA Odenton MARC Station Fort Meade 	517 5,745 248
5 days per week	75 minutes			N/A 2,000 N/A

Sample Schedule:

Route 202 To NSA/Ft. Meade

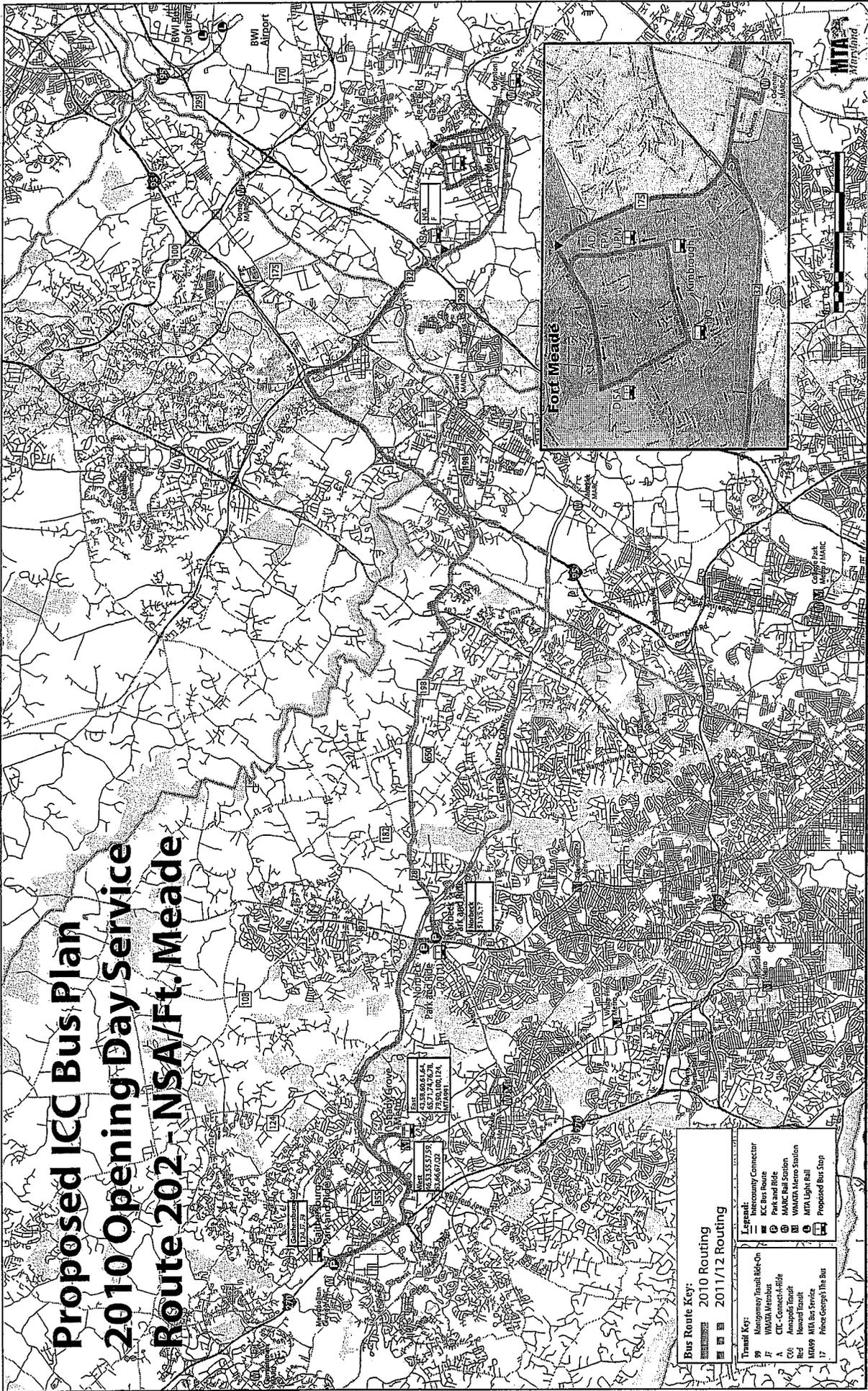
Gaithersburg Park and Ride	5:15	6:15	7:15
Shady Grove Metro	5:23	6:23	7:23
Norbeck Park and Ride	5:33	6:33	7:33
NSA	6:13	7:13	8:13
Odenton MARC Station	6:21	7:21	8:21
Ft. Meade (DISA)	6:30	7:30	8:30

Route 202 To Gaithersburg

Ft. Meade (DISA)	12:00	3:00	4:00	5:00
Odenton MARC Station	12:10	3:10	4:10	5:10
NSA	12:18	3:18	4:18	5:18
Norbeck Park and Ride	12:58	3:58	4:58	5:58
Shady Grove Metro	1:08	4:08	5:08	6:08
Gaithersburg Park and Ride	1:16	4:16	5:16	6:16

Bold times are pm

Proposed ICC Bus Plan 2010 Opening Day Service Route 202 - NSA/Ft. Meade



Bus Route Key:

2010 Routing

2011/12 Routing

Transit Key:

- Montgomery Transit Hub-On
- WMATA Metrobus
- CIC - Connect-A-Ride
- Amnapolis Transit
- Howard Transit
- MD99 MTA Bus Service
- Prince George's The Bus

Legend:

- Intercounty Connector
- ICC Bus Route
- WMATA Metrobus
- MARC Rail Station
- WMATA Metro Station
- MTA Light Rail
- Proposed Bus Stop

Phase II - Winter 2011/2012

ICC Bus Route 203 Columbia to Bethesda

Route Description:

The purpose of this service is to serve the Rockville and North Bethesda employment centers, the National Naval Medical Center in Montgomery County and the Columbia Town Center, the Columbia Gateway Business Park and Johns Hopkins Applied Physics Lab in Howard County.

The No. 203 is a two-way service that operates Monday through Friday during peak periods only. The service from Columbia to Bethesda starts at the Snowden River Park and Ride and travels to the Columbia Town Center via MD 175. From there it travels southbound on Rt. 29 to the Scaggsville Park and Ride lot. The service continues on Rt. 29 until it reaches the ICC and travels westbound to the new Norbeck Park and Ride lot at MD 97. From the Norbeck lot it travels on Norbeck Road (MD 28) to the Rockville Metro/MARC Station. The service then runs south on Rockville Pike (MD 355), stopping at Montrose Road, White Flint Metro Station and the Medical Center Metro Station before terminating at the National Naval Medical Center.

The service from Bethesda to Columbia originates at the National Naval Medical Center and travels north on Rockville Pike to Norbeck Rd. and continues via MD 97 stopping at the new Norbeck Park and Ride lot. From there it enters the ICC eastbound to Rt. 29 to the Johns Hopkins Applied Physics Lab. The service then continues northbound on Rt. 29 to MD 175 eastbound to Dobbin Road to McGaw Road to Snowden River Parkway to Robert Fulton Drive to Columbia Gateway Drive making several stops in the Gateway Business Park.

Service Characteristics:

Columbia to Bethesda:

Level of Service	One-Way Miles/Time	Proposed Full Fare	Stops	Parking Spaces
3AM Trips 3PM Trips 1 Midday 5 days per week	37 miles 77 minutes	<ul style="list-style-type: none"> One-way - \$5.00 Ten Trip Ticket - \$38.25 Monthly Pass - \$144.50 Transit Link Card - \$219.50 	<ul style="list-style-type: none"> Snowden River Park and Ride Columbia Town Center Scaggsville Park and Ride New Norbeck Park and Ride Rockville Metro/MARC Station Montrose Road Park and Ride White Flint Metro Medical Center Metro National Naval Medical Center 	210 N/A 416 200 N/A TBD N/A N/A N/A

Bethesda to Columbia:

Level of Service	One-Way Miles/Time	Proposed Full Fare	Stops	Parking Spaces
3AM Trips 3PM Trips 1 Midday 5 days per week	41 miles 85 minutes	<ul style="list-style-type: none"> One-way - \$5.00 Ten Trip Ticket - \$38.25 Monthly Pass - \$144.50 Transit Link Card - \$219.50 	<ul style="list-style-type: none"> National Naval Medical Center Medical Center Metro Montrose Road Park and Ride New Norbeck Park and Ride Johns Hopkins APL Columbia Town Center Dobbin Center Gateway Business Park 	N/A N/A TBD 200 N/A N/A N/A N/A

ICC Bus Route 204 Urbana to College Park

Route Description:

This service is intended to transport Montgomery and Frederick county residents to their jobs at the Food and Drug Administration (FDA) in White Oak and at the University of Maryland (UMD) in College Park.

The No. 204 would begin at the Urbana Park and Ride in Frederick County. It then travels south along I-270 to the Gaithersburg Park and Ride lot located at I-270 and MD 124 then travel south on I-270 to the ICC to the Shady Grove Metro Station. From the Metro Station the service returns to the ICC and travels to the new Norbeck Park and Ride lot at MD 97. The service then continues on the ICC until it reaches New Hampshire Avenue (MD 650) and travels south on MD 650 to the Colesville Road Park and Ride lot. It then continues south until the service reaches White Oak where it makes a stop at the FDA. The No. 204 continues on MD 650 until it reaches a stop at Adelphi Road and Campus Drive. It continues on the University of Maryland Campus with a stop at the Stamp Student Union before it terminates at the College Park Metro/MARC station.

Service Characteristics:

Urbana to College Park:

Level of Service	One-Way Miles/Time	Proposed Full Fare	Stops	Parking Spaces
3AM Trips 3PM Trips 1 Midday 5 days per week	43 miles 70 minutes	<ul style="list-style-type: none"> • One-way - \$5.00 • Ten Trip Ticket - \$38.25 • Monthly Pass - \$144.50 • Transit Link Card - \$219.50 	<ul style="list-style-type: none"> • Urbana Park and Ride • Gaithersburg Park and Ride • Shady Grove Metro Station • New Norbeck Park and Ride • Colesville Road Park and Ride • FDA - White Oak • UMD-College Park (Adelphi Road) • UMD-College Park (Student Union) • College Park Metro/MARC 	394 517 5,745 200 190 N/A N/A N/A N/A

ICC Bus Route 205 Greenbelt Metro to Germantown Transit Center

Route Description:

This route is intended to transport Prince George's County residents to jobs in the I-270 High Technology Corridor of Rockville, Gaithersburg and Germantown. Among the employment areas that would be served are Shady Grove Hospital, the Life Sciences Center, Human Genome Sciences, the future Johns Hopkins Research Center, NIST and the US Department of Energy. The route is displayed on the attached map.

Route 205 would begin at the Greenbelt Metro Station on the Metro Green Line. From the Greenbelt Metro Station, Route 205 would crossover the Washington Beltway on Cherrywood Lane and continues north along Kenilworth Avenue (MD 201) and Old Baltimore Pike to the Muirkirk MARC Station. From the Muirkirk MARC Station the bus route would follow Muirkirk Road and Virginia Manor Road to reach the eastern end of the ICC.

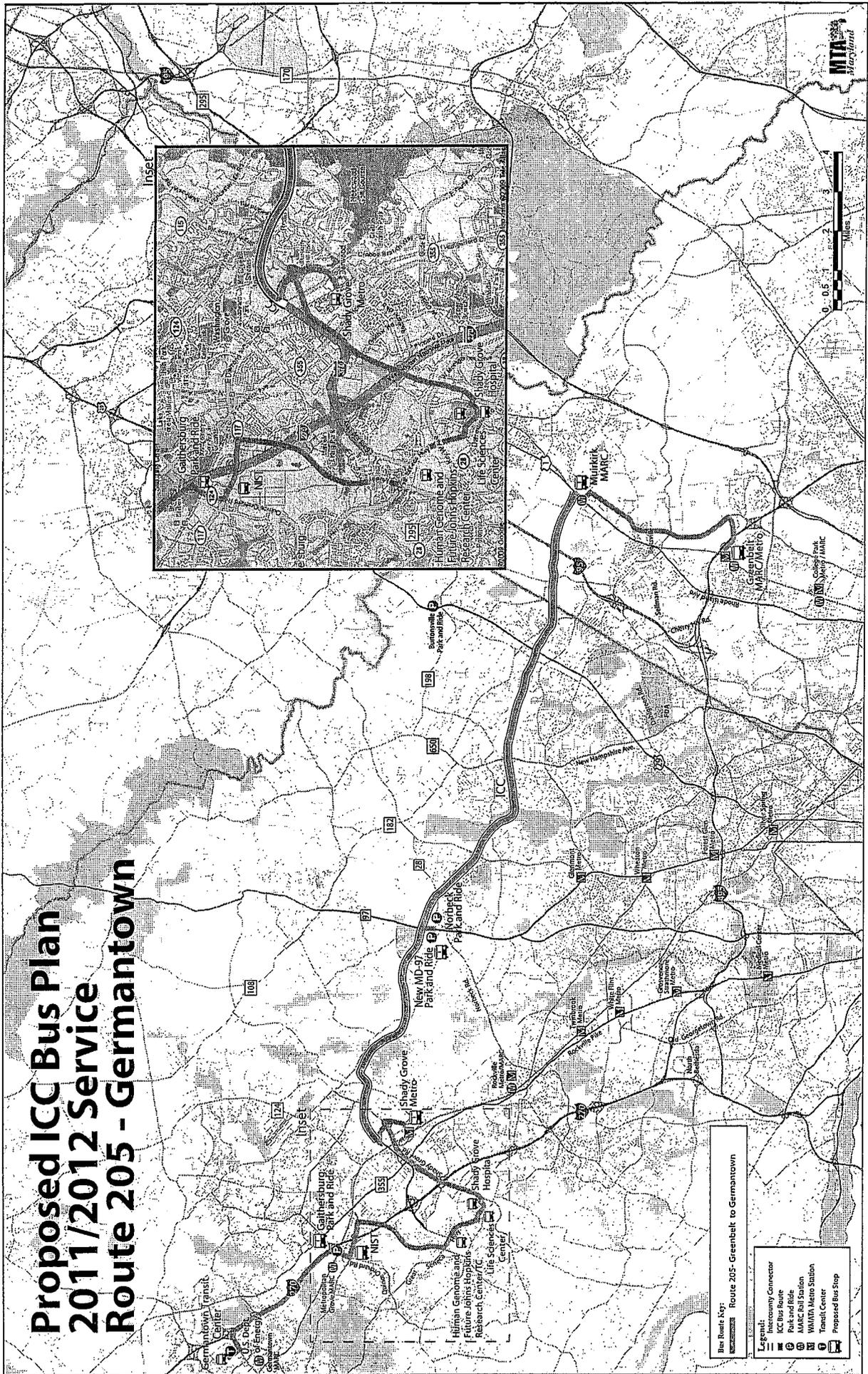
Route 205 would then travel westbound on the ICC until it reached the new Norbeck Park and Ride lot in the southwest quadrant of the ICC/MD 97 interchange. After serving the new park and ride lot, the Route 205 would re-enter the ICC and continue traveling westward until it reached the Shady Grove Metro Station. From the Metro Station, Route 205 would travel on Shady Grove Road to Medical Center Drive. From the Life Sciences Center area Route 205 would continue on Great Seneca Highway (MD 119), Muddy Branch Road, W. Diamond Avenue (MD 117) to Quince Orchard Road (MD 124) and the Park & Ride Lot. The last leg of the trip would be on I-270 northbound to Germantown Road (MD 118). After turning onto Crystal Rock Drive, Route 205 would terminate at the Germantown Transit Center.

The table below presents the service characteristics of the Greenbelt Metro to Germantown Transit Center route.

Service Characteristics:

Level of Service	One-Way Miles/Time	Proposed Full Fare	Stops	Parking Spaces
4 AM Trips 4 PM Trips 1 Mid-Day 5 days per week	39 miles 85 minutes	<ul style="list-style-type: none"> • One-way - \$5.00 • Ten Trip Ticket - \$38.25 • Monthly Pass - \$144.50 • Transit Link Card - \$219.50 	<ul style="list-style-type: none"> • Greenbelt Metro/MARC Station • Muirkirk MARC Station • MD 97 Park and Ride Lot • Shady Grove Metro Station • Shady Grove Hospital • Life Sciences Center • Human Genome Sciences • Natl. Inst. of Standards & Tech. • Gaithersburg Park and Ride • Germantown Transit Center 	3,399 650 200 5,745 N/A N/A N/A N/A 517 175

Proposed ICC Bus Plan 2011/2012 Service Route 205 - Germantown



Bus Route Key:
 Route 205 - Greenbelt to Germantown

Legend:

- Interagency Connector
- Bus Route
- MARC Rail Station
- WMATA Metro Station
- Transit Center
- Proposed Bus Stop

Summary of Recommended ICC Commuter Bus Service

Service Initiation	Route Number	Route Description	Service Span	Frequency	One-Way Route Miles	One-Way Travel Time
Phase I	201	Gaithersburg to BWI Airport	4:00 am to 10:00 pm Seven days per week	60 minutes	47 miles	75 minutes
			3 am trips 3 pm trips 1 mid-day Mon - Fri	60 minutes	46 miles	75 minutes
	202	Gaithersburg to Ft. Meade	3 am trips 3 pm trips 1 mid-day Mon - Fri	30 minutes	37 miles	77 minutes
Phase II	203	Columbia to Bethesda	3 am trips 3 pm trips 1 mid-day Mon - Fri	30 minutes	41 miles	85 minutes
			3 am trips 3 pm trips 1 mid-day Mon - Fri	30 minutes	43 miles	70 minutes
Phase II	204	Urbana to College Park	4am trips 4pm trips 1 mid-day Mon - Fri	30 minutes	39 miles	85 minutes
			3 am trips 3 pm trips 1 mid-day Mon - Fri	30 minutes	39 miles	85 minutes
Phase II	205	Greenbelt to Germantown	3 am trips 3 pm trips 1 mid-day Mon - Fri	30 minutes	43 miles	70 minutes
			4am trips 4pm trips 1 mid-day Mon - Fri	30 minutes	39 miles	85 minutes