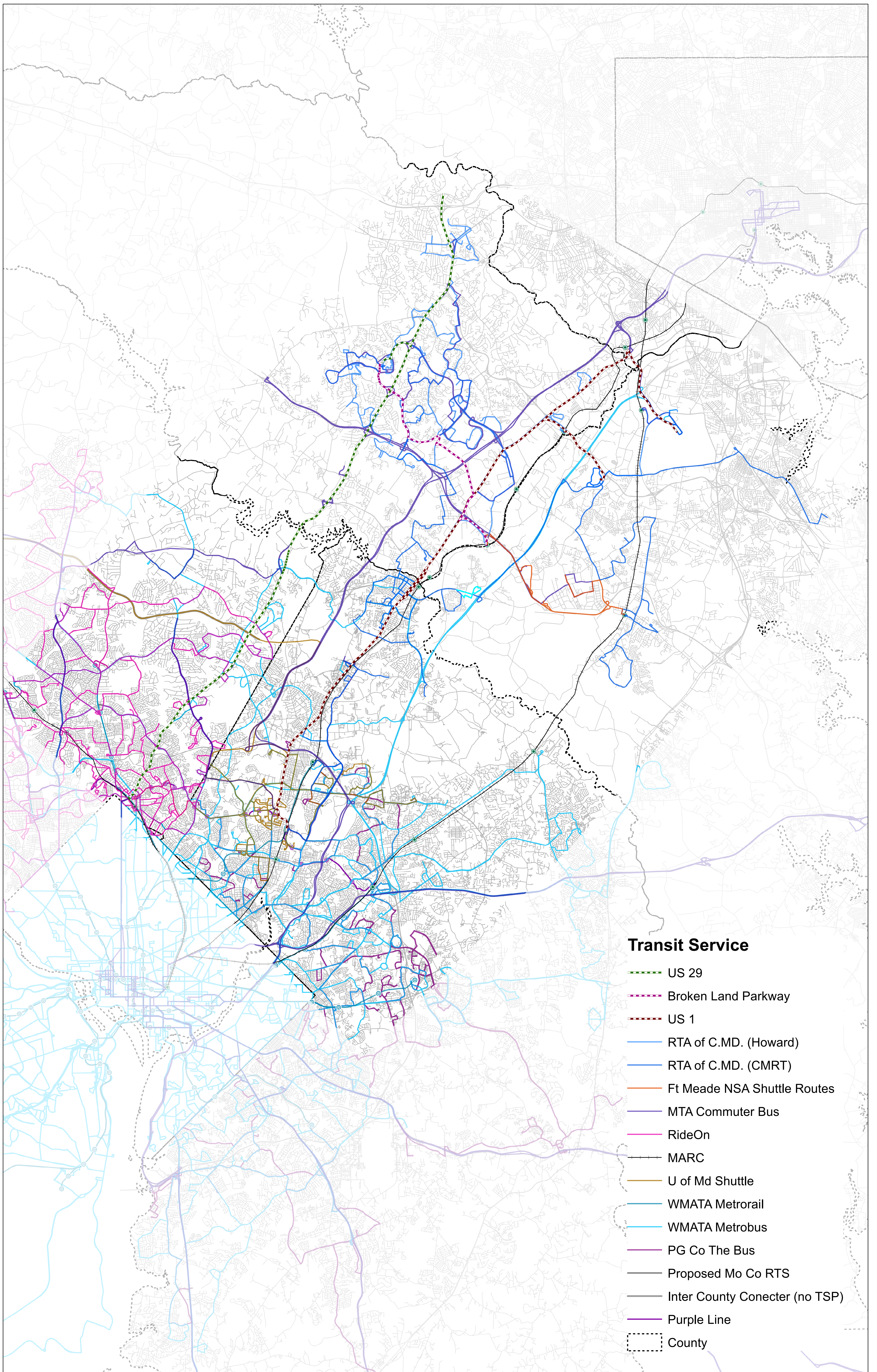


Howard County BRT Phase II
 Service Operations and Model Assumptions

Policy Assumptions	Initial
Vehicle	60 foot Articulated BRT Vehicle Capacity = 90 passengers Cross platform, multiple door access
Span of Service	Weekdays & Sunday: 5 am to 12 midnight Friday & Saturday: 5 am to 2 am
Feeder Bus Speeds	From BMC model process: Congested speed + dwell time Dwell = 0.65 minutes for local service: Dwell = 1.4 minutes for Express (non BRT station)
Howard County BRT speed	Maximum: 55 mph for exclusive ROW Maximum: Free flow of Parallel facility for Bus on Shoulder Plus: acceleration, deceleration, dwell, and turn restrictions for stations Dwell: 20 seconds at BRT stations
Park and Ride Access	Within Howard County: Park and Ride at all Stations to estimate potential Other: As provided by Jurisdiction
Kiss and Ride Access	At all stations
Pedestrian and Bicycle Access	Expanded amenities and access at all stations
Fares	BRT = MTA Commuter Zone Fare Local Feeder = Free transfer
Transit Signal Priority	At all at grade crossings
Fare Collection	Off Board Fare Collection
Traveler Information	Next Bus Displays at all stations Internet Next Bus website and app On vehicle annuciation and display
Branding:	Unique Vehicle and Branding/Marketing
Headways:	
US 29 Corridor	Peak: 7.5 minutes Off Peak: 15 minutes Late Night & Weekend: 30 minutes
US 1 Corridor	Peak: 7.5 minutes mainline (15 on each branch) Off Peak: 15 minutes mainline (30 on each branch) Late Night & Weekend: 30 minutes with turnback at Jessup North
Broken Land Parkway	Peak: 7.5 minutes Off Peak: 15 minutes Late Night & Weekend: 30 minutes

Derived from Proposed Maryland & Virginia BRT/LRT systems
 (Corridor Cities Transitway, Southern Maryland, Potomac Yards...)

Final
Adjusted to demand within each corridor
No adjustment
Adjusted to final model run
Adjusted to final model run
Adjusted to demand within each corridor
No adjustment
No adjustment
No adjustment
No adjustment
No adjustment
No adjustment
No adjustment
No adjustment
No adjustment
Adjusted to demand. May have turnbacks based on demand
Adjusted to demand. May have turnbacks based on demand
Adjusted to demand. May have turnbacks based on demand



Transit Service

- US 29
- Broken Land Parkway
- US 1
- RTA of C.M.D. (Howard)
- RTA of C.M.D. (CMRT)
- Ft Meade NSA Shuttle Routes
- MTA Commuter Bus
- RideOn
- MARC
- U of Md Shuttle
- WMATA Metrorail
- WMATA Metrobus
- PG Co The Bus
- Proposed Mo Co RTS
- Inter County Conecter (no TSP)
- Purple Line
- County