
Statewide High Speed Network

networkMaryland Advisory
Group Meeting

May 16, 2006

Annapolis, Maryland





MEETING AGENDA



- Welcome & Introductions
- State of the Network
- Status of Project
- Other Business



Welcome



- Introductions
- Jason Ross – Director
- Ellis Kitchen – State CIO
- Meeting Minutes Approval



MEETING AGENDA



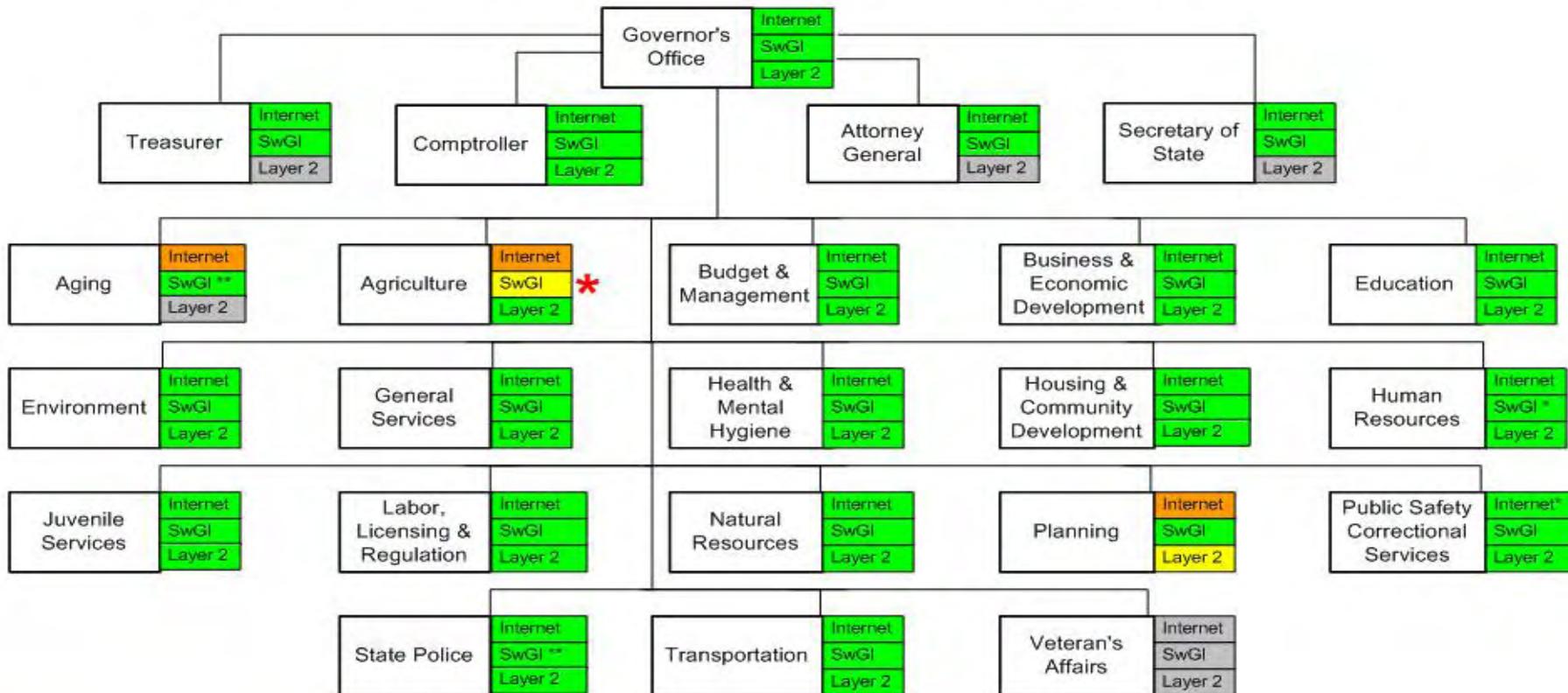
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Operational Customers

- 59 Subscribers today
- Circuit Breakdown
 - 70 ISP Circuits
 - 70 SwGI Circuits
 - 886 Layer 2 Circuits

Executive Branch networkMaryland Subscribers as of May 15, 2006



Legend:

Agency is Not Receiving networkMaryland Service - A Cost Savings exists if networkMaryland provides service
Agency Expressed Interest in Receiving networkMaryland Service
Agency is in Process of Receiving networkMaryland Service (JCR submitted)
Agency is Receiving networkMaryland Service
Size of Agency is small and does not realize a significant cost savings by connecting to networkMaryland or the service is not required

* - Denotes a change from the last Advisory Group Meeting Presentation

* networkMaryland Provisioning has been completed, Department is in process of migrating to service

** Agency is receiving networkMaryland service through parent, primary agency

Non-Executive Branch

networkMaryland Subscribers as of May 15, 2006

Charles County Government	Internet SwGI Layer 2	Office of People's Council	Internet SwGI Layer 2	State Lottery	Internet SwGI Layer 2 *	University System of Maryland	Internet SwGI Layer 2	Frederick County Government	Internet SwGI Layer 2				
State Board of Elections	Internet SwGI * Layer 2 **	Maryland State Archives	Internet * SwGI Layer 2	Department of Assessment and Taxation	Internet SwGI Layer 2	MIEMMS	Internet SwGI Layer 2	Montgomery County Government	Internet SwGI Layer 2				
Commission of Human Relations	Internet SwGI Layer 2	Office for Children	Internet SwGI Layer 2	Office of Public Defender	Internet SwGI Layer 2	Office of Legislative Auditors	Internet SwGI Layer 2	Prince Georges County Government	Internet SwGI Layer 2				
Workers' Compensation Commission	Internet SwGI * Layer 2	State Retirement Agency	Internet SwGI Layer 2	Judiciary	Internet SwGI Layer 2	Alleghany County Board of Education	Internet SwGI Layer 2	Dept. of Rehabilitative Services	Internet ** SwGI** Layer 2				
MD Higher Education Commission	Internet SwGI Layer 2	College Savings Plans of Maryland	Internet SwGI Layer 2	Maryland State Retirement Plan	Internet SwGI Layer 2	Maryland Emergency Management Agency	Internet * SwGI Layer 2 **	Maryland School for the Deaf	Internet SwGI Layer 2				
Public Service Commission	Internet SwGI Layer 2	Baltimore City	Internet SwGI Layer 2	MD Insurance Administration	Internet SwGI * Layer 2	MD General Assembly	Internet SwGI Layer 2 *	College of Southern MD	Internet SwGI Layer 2				
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						Anne Arundel County Government	Internet SwGI * Layer 2	Howard County Government	Internet SwGI Layer 2				
						Office of Admin Hearings	Internet SwGI Layer 2 **	MD Auto Insurance Fund	Internet SwGI Layer 2 *				
						MD Stadium Authority	Internet SwGI Layer 2 *	MD Public TV (MPT)	Internet SwGI Layer 2 *				



Operations

Milestones\New Business

- Additional Internet Service Turn-up – MAX hand-off @ 6 St. Paul
- Legacy FMIS migration near completion
 - VPN Concentrator
 - LAN-to-LAN tunnels – 5 agencies connected!
 - VPN clients – 2-3 agencies identified
 - Other agencies will use a leased line
- SMTP Mail Relay service at UMCP - functional



Upcoming Tasks



- Customers on the Horizon
 - SBE – SwGI turn-up @ HQ
 - MPT – connection at Western MD (Keyser's Ridge)
 - MSP – taking advantage of the MSC's (Bel Air, Elkton, Prince Frederick, Ellicott City)
 - Legacy FMIS customers (Estimated 16 sites)



Circuit Provisioning and Acceptance

- 223 circuits are currently in the customer's testing/implementation phase
- 21 new circuits have been provisioned since the last meeting
- 19 circuits have been accepted by the customer since the last meeting



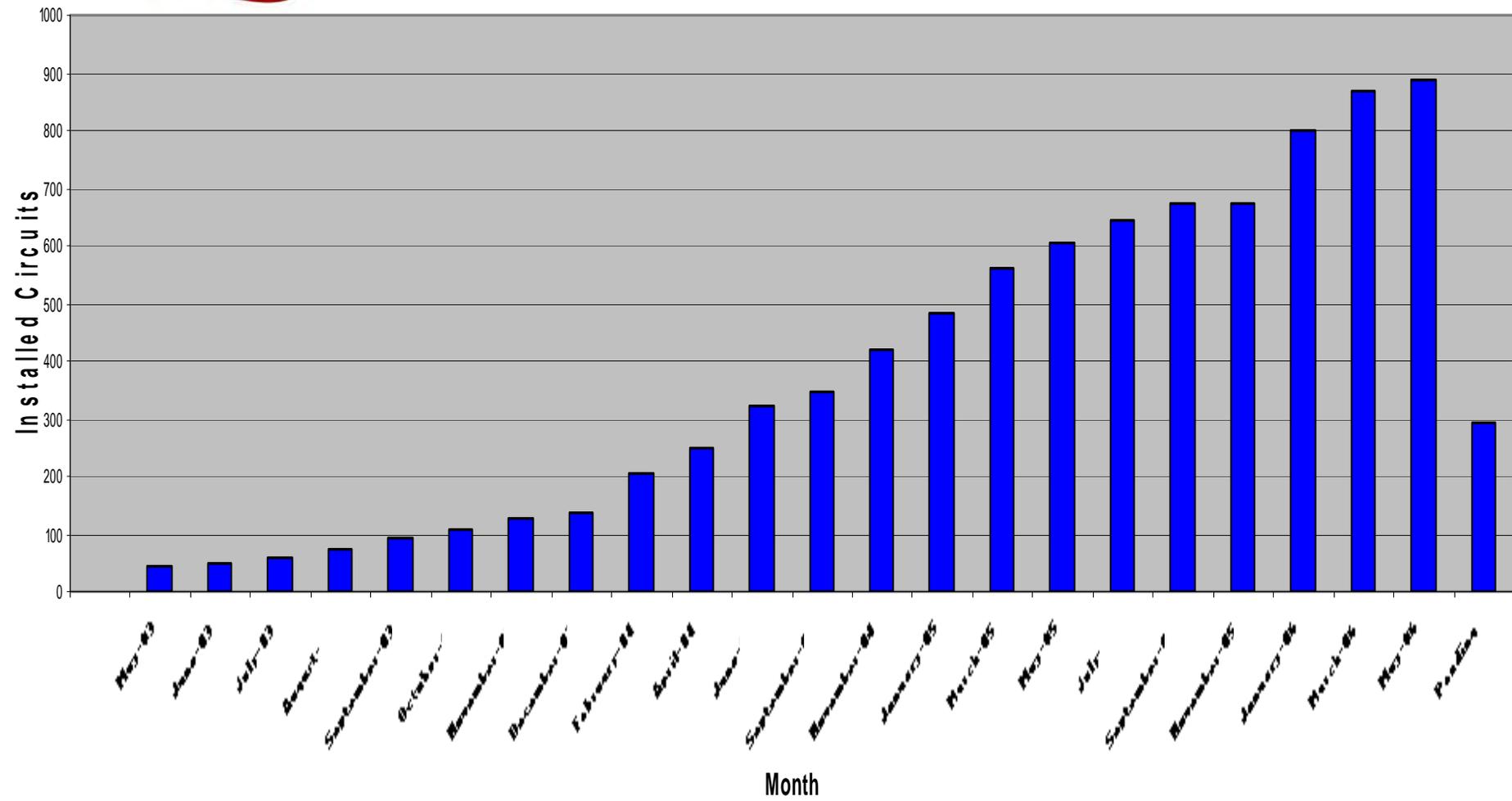
Network Operational Status



- Growth Chart



networkMaryland Installed Circuit Chart





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Project Status



- Western Maryland
 - Backbone is complete
 - As part of MPT MOU, will add Keyser's Ridge site by the end of the year.
- Stabilizing the Core:
 - Annapolis spur:
 - Fiber pull for Segment 2 expected this week.
 - Fiber termination by CSC to immediately follow.



Project Status



- Eastern Shore Microwave Backbone
 - Working on Last Mile Projects
- I-270 PoP
 - Complete
- Westminster MSC: Using a combination of Fiber and Microwave to create the Carroll County PoP
 - Serves the MSC, State Police, MVA and County
 - Complete



Project Status



- JIS Data Center:
 - Fiber Path completed
 - Project Management Plan started by CSC to add this Data Center to the AMAN
- Elkton MSC: Will be connected via a Leased circuit. (On-going)
- Leonardtown MSC: Will be connected via a Leased circuit. (On-going)
- Ellicott City MSC: Will be connected via a Leased circuit. (On-going)



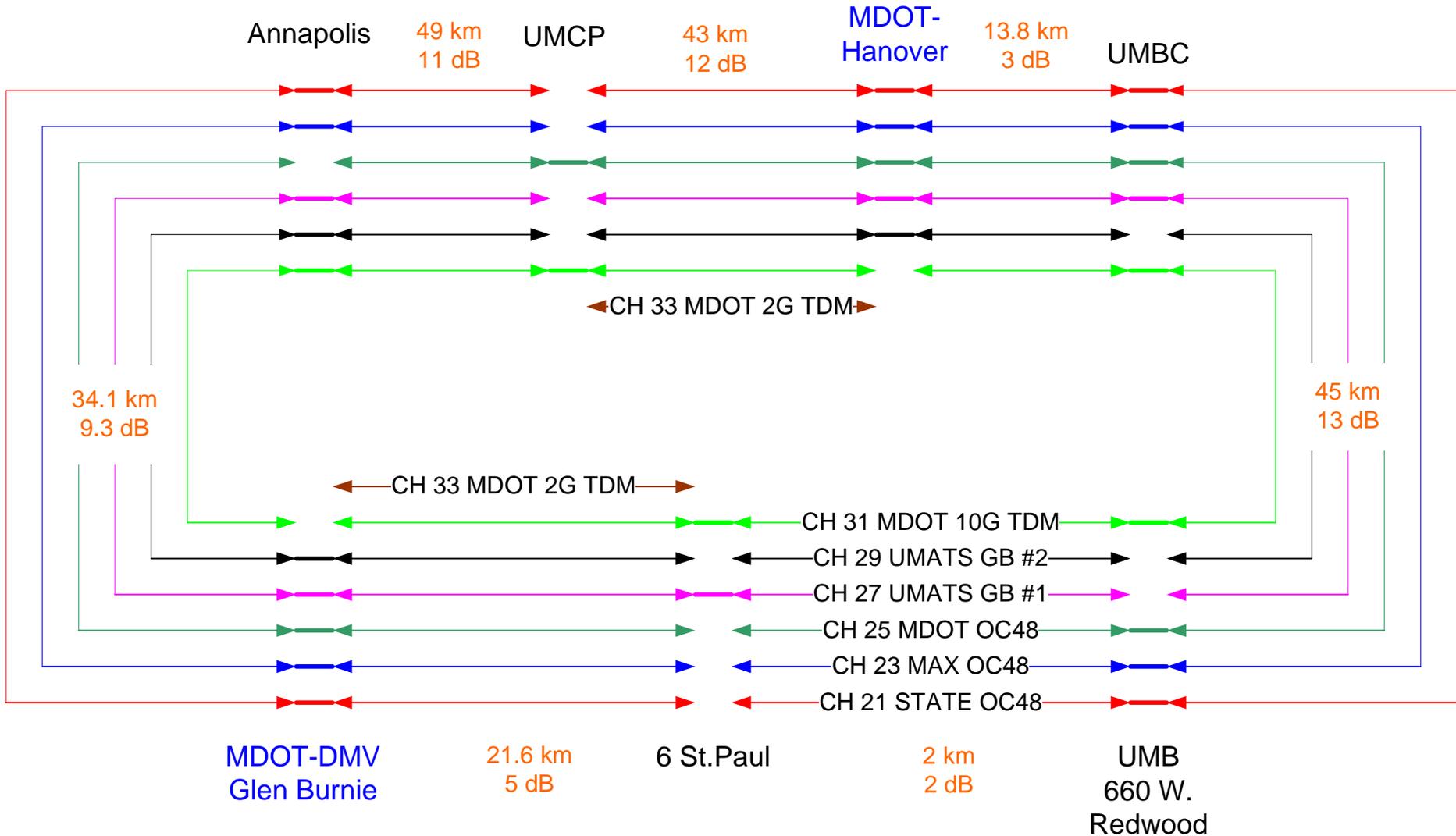
Project Status



- Prince Frederick (Calvert County):
 - Complete
- Towson (Baltimore County):
 - Working with MDOT on the MOU.
- DWDM Ring
 - Partnership with USM, MDOT
 - Adding additional fiber route for diversity
 - Expected completion: July.

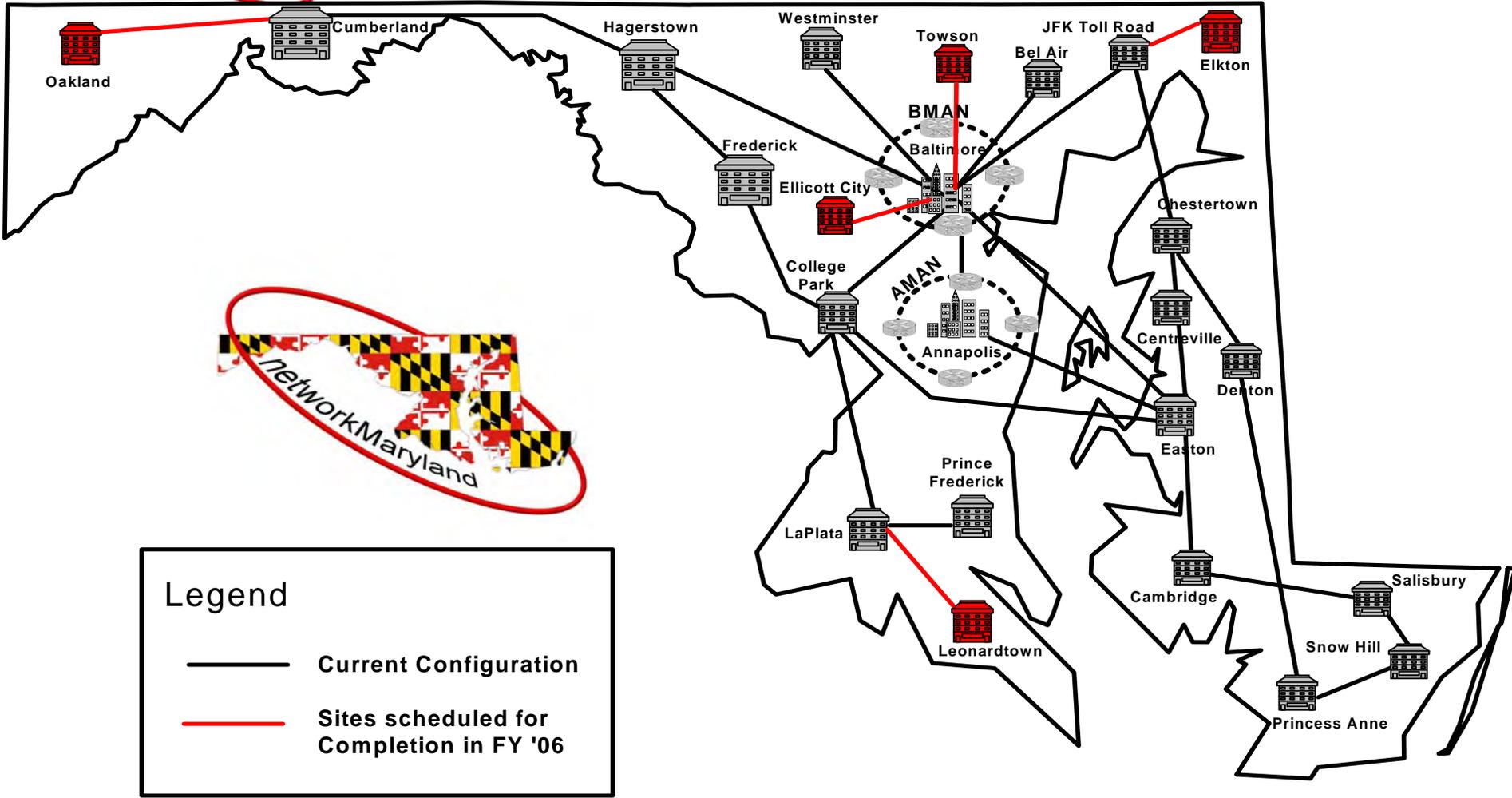


DWDM Ring Layout





networkMaryland Overview (May 2006)





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Other Business



- CSC MSC Contract Modification Complete
 - Add NOC and Engineering Services for other State agencies as a service of networkMaryland
 - Offering Three Support Tiers to meet the users needs
 - 1.) 24/7 NOC Monitoring and Trouble Ticketing
 - 2.) Above plus remote Engineering support and troubleshooting
 - 3.) Above plus Onsite support and Provisioning Services
 - Add Outside Plant construction to allow for the completion of the network build and facilitate partnering



Other Business



- Items for discussion from the Group
- Closing Questions or Comments



“You will be missed...”

Thank You, Jason, for nwMD's success!!!
Good Luck!!!





Thank You



- Meeting Adjourned