Travel Forecasting: Additional Scenarios Modeled

- Existing Development (2015)
- 2040 Scenarios
  - Draft Plan Buildout (modification of 2009 Master Plan Buildout)
  - Current Zoning with Testimony
  - Adjusted 2014 Zoning Ordinance with expanded road network
  - Modified FAR with expanded road network
Traffic Analysis: Advantages of Grid Network

New scenarios analyzed with additional local roadway connections (shown in red)

- **Redundancy**: Multiple connections between MD 118 and MD 119 disperses traffic from Wisteria and reduces congestion at 118
- **Walkable**: Decreases block length
- **Adaptable**: Allows for more transition points between land use density
Traffic Analysis: Improvements

Adjusted 2014 Zoning and Modified FAR Scenarios with expanded roadway network

- MD 118 (Germantown Road) at Wisteria Drive
  - No additional turn lanes needed
Traffic Analysis: Improvements

Adjusted 2014 Zoning and Modified FAR Scenarios with expanded roadway network

- MD 118 (Germantown Road) at Bowman Mill Drive
  - The westbound approach of Bowman Mill Drive (currently striped as one lane) would need to be widened to include an exclusive left-turn lane and an exclusive right-turn lane.