

1.3.3 Bicycle Level of Service-The first GIS Decision Support in Maryland DOT

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State Highway Administration (SHA) implemented the first GIS Decision Support System in the state of Maryland. Bicycle Level of Comfort (BLOC) is a unique application which will allow users to identify upcoming projects where SHA might improve BLOC scores for the county, district, or statewide. Project Managers and upper level management will be using this application to request funds to support SHA's goal of having 80% or more State-owned roadway centerline miles with BLOC scores of D or better (on a scale of A being excellent - F is a fail). In addition, SHA Bicycle Coordinators will use the application to analyze BLOC scores and recommend areas of improvement to keep Maryland within the 80% compliance rate in future years. This application will also show cost benefit like Return on Investment (ROI), Net Present Value (NPV) etc of a system over the years.