

### 3.3.1

#### **Creating and Easy to use Web Map Engine to serve up Imagery and Spatial Layers to Users who are not GIS Savvy**

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Maryland State Highway Administrations Web Map Engine (SHAWME) is an internet mapping application that can be used to research and display a wide variety of data and imagery for a user defined area via your web browser. The core application consolidates various Imagery, Highway Needs Inventory (HNI), Consolidation Transportation Program (CTP) reports, and spatial layers such has Hydrology, Political Districts, Historical Places, and Survey points, in one location for project analysis. For large projects that cross several jurisdictions, or large geographical areas, users would have to obtain this data from several departments and glue together various DGN maps and Imagery to cover their entire project area. SHAWME application now allows the user to have access to this data in a single location allowing them greater efficiency in making decisions on various stages of highway development projects. The application has been designed to require little, if any, training for users.