The City of Dayton sought a visionary plan to guide the design of the City's transportation projects for the next 25 years. Economic and population changes led to an increased demand for alternative modes of transportation. The Plan used Complete Streets concepts to guide the City towards a more multi-modal, livable, sustainable travel environment that welcomes all users.

BPS inventoried and evaluated city-wide existing and future conditions and also conducted a nationwide benchmarking study to determine best practices related to Complete Street facilities. This information was used to create a multi-modal design matrix and a set of typologies customized for the City. The typologies included a range of small to very large mixed-use, commuter, industrial, and neighborhood streets. Each typology included a set of recommended elements based on land use and zoning, right-of-way and pavement width, traffic volumes and speeds, and pedestrian generators. For implementation, BPS developed a step-by-step project prioritization methodology to assist the City in identifying and prioritizing Complete Street projects, programs and strategies. In addition, BPS evaluated the potential effects from future trends and technologies, including autonomous vehicles.

Throughout the project, BPS utilized a variety of public outreach methods to involve the community, including public and stakeholder meetings, bicycle and walking tours through the neighborhoods, and social media outreach and interaction.

**LOCATION**

City of Dayton, Ohio

**HIGHLIGHTS**

- Land use and zoning informed transportation recommendations
- Developed design matrix for facility types & evaluated by typology
- Included immediate to long-term implementation options

**MAJOR TASKS**

- Complete Streets
- Traffic Calming
- Green Infrastructure Planning
- Connected & Autonomous Vehicles Assessment
- Public Meetings, Bike/Walk Tours, Social Media
- Renderings & Graphic Design
- Funding & Grants