



LOCATION

City of Dayton, Ohio

TASKS

- Active Transportation Planning
- Public Engagement
- Level of Traffic Stress for Bicycles
- Average Daily Bicycle and Pedestrian Volumes

HIGHLIGHTS

- Facilitated stakeholder engagement
- Analyzed non-motorized activity data (bicycle and pedestrian)
- Conducted an equity analysis to determine demand and need for active transportation
- Developed Level of Traffic Stress for Bicycles
- Identified the high-risk street network in the City of Dayton by conducting a systemic safety analysis

PROJECT DESCRIPTION

BPS served as a subconsultant to Toole Design Group by facilitating an inclusive public involvement process and conducting detailed existing conditions analysis to inform development of the City of Dayton's Active Transportation Plan (ATP). This project allowed the City to develop a comprehensive strategy for improving safety, access, and connectivity of the active transportation network, as well as increasing the amount of people who walk and bike.

The BPS team assisted in the facilitation and preparation of materials for two in-person workshops and conducted an equity analysis using a data index from the Ohio Department of Transportation's Statewide Bicycle and Pedestrian Plan. An existing conditions analysis was also conducted which included review and analysis of population demographics and historical investment in transportation infrastructure, examining and documenting existing bicycle and pedestrian facilities, and determining trends related to local crashes involving people riding bicycles and walking. Additionally, BPS' work included calculating a Level of Traffic Stress for Bicycles, analyzing non-motorized activity data, and identifying the high-risk street network in the City of Dayton by conducting a systemic safety analysis.