

Transportation and Land Use



Smart Growth and Transit-Oriented Development

Smart Growth is more than just a buzzword. Building near transit, mixing uses and creating walkable streets can reduce automobile trip rates by 40%, lower project costs by 15%, improve community health, and help meet federal air quality and stormwater runoff requirements. Nelson\Nygaard can calculate the benefits of building smart to help developers save money and communities meet their goals.

We can analyze the optimal provision of parking for rail stations and station areas, drawing from our databank of parking demand figures. Working with economists and urban designers, we can also optimize the functionality of a station area, while emphasizing its role as a great place. For transportation agencies and cities, we develop quantitative performance measures for all modes, providing tools for local engineers to analyze the extent to which one mode may inconvenience another.

Our technical and collaborative approach has produced over 100 Smart Growth projects all over North America, which have received several national awards.