

Vision:

To provide an efficient and balanced transportation system that uses multiple motorized and nonmotorized modes of transportation and for which the planning, design, and implementation will be guided by the following overarching qualities:

- A. Protects air quality, water quality and quantity, soil quality, and biological resources
- B. Promotes public health and safety
- C. Encourages sustainable economic development
- D. Provides equal access to all users
- E. Is highly modally and inter-modally integrated and connected
- F. Fosters sustainable and efficient use of resources, including financial and natural resources
- G. Protects the County's natural and cultural heritage
- H. Uses creative and well-designed infrastructure
- I. Is attractive, user-friendly, and easy to understand because of factors such as signage, brochures, and web pages
- J. Respects privacy and citizen rights.

Goals and Objectives:

Goal 1. An efficient and integrated multi-modal transportation system that protects the natural environment and community character.

Objectives:

- 1-1. Increase the occupancy of automobiles through ridesharing and other means; and expand the use of public transit (including bus and rail), walking, and biking as primary modes of travel.
- 1-2. Facilitate the overall development and use of a transportation system that is more energy-efficient, reduces carbon emissions, and reduces the use of fossil fuels while promoting the use of local renewable and sustainable fuels.
- 1-3. Develop new transportation facilities in a manner that has a positive impact or avoids negative impacts on the natural environment, including air quality, water resources, biological resources, and wildlife habitat.
- 1-4. Develop new transportation facilities in a manner that has a positive impact or avoids negative impacts on the community, including historical or cultural assets, existing neighborhoods, schools and recreational facilities, and the overall rural character in Orange County.
- 1-5. Identify prime view sheds along major transportation corridors and protect these areas for their scenic and natural resource values.
- 1-6. Expand the availability and use of public transportation (including bus and rail) throughout the County to provide better connections between employment centers, shopping and service locations, and other key points of interest in both urban and rural areas, particularly for the County's senior and disabled populations and others without access to automobiles.

Goal 2: A multi-modal transportation system that is affordable, available, and accessible to all users and that promotes public health and safety

Objectives

- 2-1. Increase the provision of bikeways and walkways, and also increase supportive facilities such as bicycle parking zones.
- 2-2. Evaluate and serve special transportation needs of the senior population, youth, the economically disadvantaged and the disabled, including both everyday needs and disaster transit provision.
- 2-3. Increase countywide access for emergency vehicles, including ways to improve response times, both for existing and new developments.
- 2-4. Improve the provision of public transit facilities and services, and also increase supportive facilities for transit, such as park and ride lots.
- 2-5. Improve public education and advertising of existing transit services.
- 2-6. Increase safety awareness between car drivers and bicycle riders, and increase safety for pedestrians.
- 2-7. Construct bicycle facilities in Orange County that will make cycling safer, more convenient, and more efficient.

Goal 3: Integrated land use planning and transportation planning that serves existing development, supports future development, and is consistent with the County's land use plans which include provisions for preserving the natural environment and community character.

Objectives:

- 3-1. Improve the County's transportation system by first enhancing existing facilities as opposed to developing new facilities.
- 3-2. Create and implement an Orange County Comprehensive Transportation Plan that provides the framework for a comprehensive and connected transportation system supporting a mix of all transportation modes, including sidewalks and bicycle facilities, bus and rail transit facilities, and highways. The plan should be
- 3-3. coordinated with the goals and objectives of this Comprehensive Plan and seek to maintain and enhance community character and the natural environment
- 3-4. Determine the policies to guide connectivity within and between residential developments based on their impact on neighborhood character.
- 3-5. Direct development to higher density mixed-use districts along transit corridors and make necessary multi-modal transportation improvements to service lands that are slated for future intense development, such as Economic Development Districts.
- 3-6. Use innovative techniques to increase mobility and reduce rush hour congestion.

Goal 4: A countywide and regionally-integrated, multi-modal transportation planning process that is comprehensive, creative and effective.

Objectives

- 4-1. Work with nearby jurisdictions to integrate the County's transportation plans with those of other transportation planning agencies and service providers in Orange County and the Triangle region. The resulting intermodal transportation system should reflect regional goals and objectives to meet projected travel demand and to reduce congestion and reliance on single occupancy vehicles.
- 4-2. Plan and integrate the County's multi-modal transportation routes and services with regional transportation agencies and transit service providers, agencies and transit providers in neighboring counties, the North Carolina Department of Transportation, Amtrak, and the North Carolina Railroad.
- 4-3. Revive rail transportation in Orange County and the Triangle region.