



connections
FOR SUSTAINABILITY

**Bus Rapid Transit/Transit-Oriented
Development Feasibility Analysis
City of Greenville, SC.**



Connections for Sustainability Team





Project Goals

- ❖ **Analysis of Bus Rapid Transit (BRT) concepts along major City corridors.**
- ❖ **Analyze viability of Transit Oriented Development (TOD) projects in connection with BRT service.**
- ❖ **Address the need for accessibility to jobs, connectivity to key destinations in the community.**



Definitions

- ❖ **What is Bus Rapid Transit (BRT)?**
 - BRT is a transit system that combines many of the features of a rail system with the flexibility and cost savings of using rubber-tired vehicles on the road way.
- ❖ **What is Transit Oriented Development (TOD)?**
 - Essentially, it is the design and development of land in such a way as to encourage the use of mass transit.



Examples of BRT Projects



- ❖ Kansas City Max
- ❖ Orlando Lymmo
- ❖ Cleveland Healthline
- ❖ Eugene EmX
- ❖ Boston Silver Line
- ❖ Pittsburgh Busway
- ❖ Seattle Swift BRT



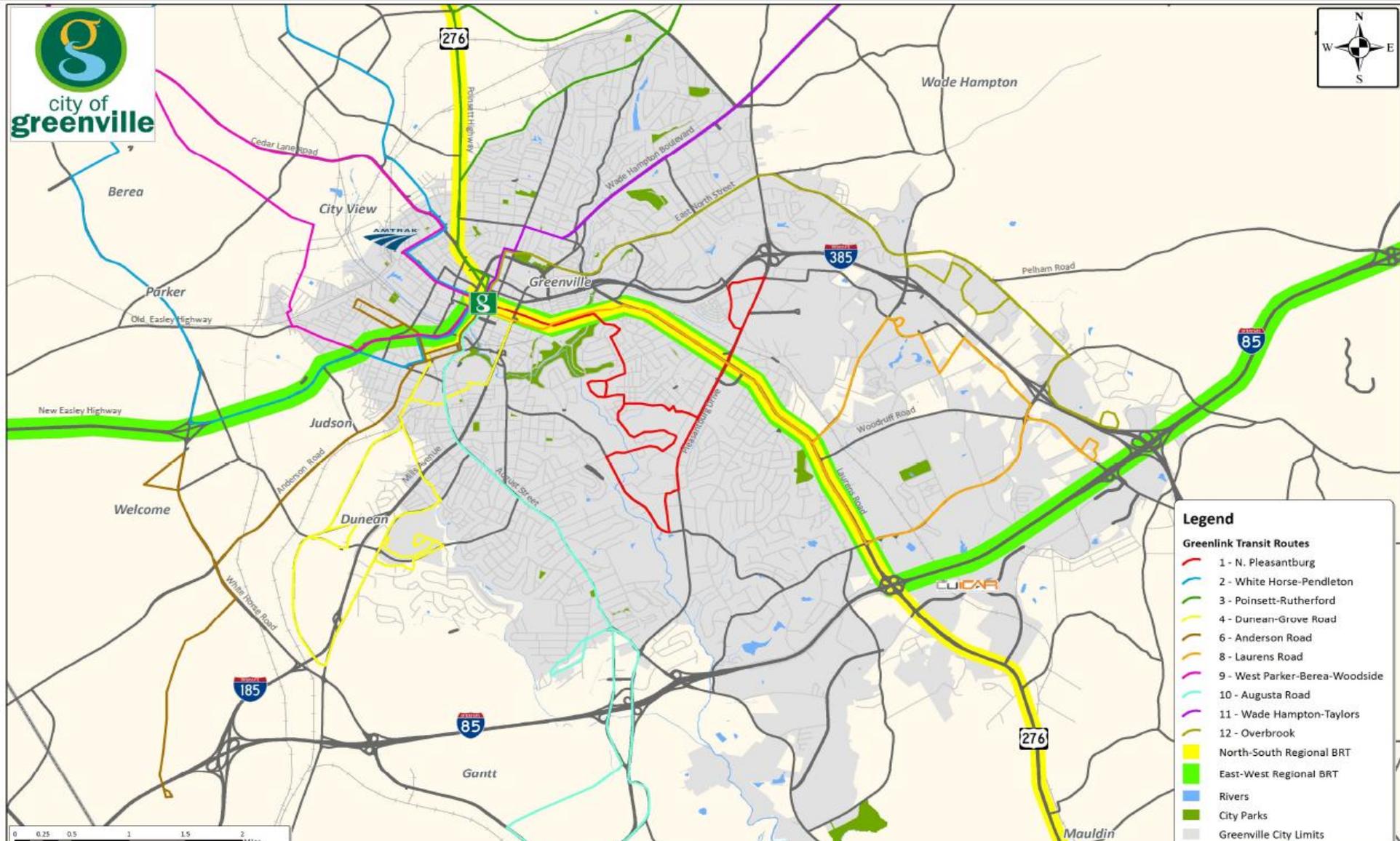
Examples of TOD projects



WALKER PARK



Greenlink System Map and Possible BRT Routes





Transit Types





Questions

- ❖ What aspects of Greenlink bus service do you like best?
- ❖ What aspects of Greenlink bus service would you like to modify?
- ❖ How do you currently travel to places you want to go in the community (*jobs, hospital, college, shops, etc.*)?
- ❖ Identify the most popular destinations in the City.