

LYNX CENTRAL (INTERMODAL) STATION ORLANDO, FLORIDA

CLIENT

LYNX
Tony Walter
Planning Manager
445 West Amelia St., Suite 800
Orlando, Florida 32801
407-841-2279
Completion Date: ongoing
Project Fee: \$35,000

SERVICES PROVIDED

- ▶ Level of Service Analysis
- ▶ ITS Integration
- ▶ Planning for Transit Systems
- ▶ Traffic Signal Design

LTEC Team Involved

- ▶ J. Anthony Luke, P.E.
- ▶ George Eljabbour
- ▶ Joseph Roviario, AICP



LTEC has performed a number of studies to evolve this LYNX project.

The initial scope of work involved a traffic operational analysis for the proposed Intermodal Center for Lynx. The traffic analysis was performed in accordance with the *Guidelines for Preparing Environmental Assessments*, U.S. Department of Transportation Federal Transit Administration.

The report addressed the specific FTA analysis requirements, including project description, roadway functional classification, existing traffic conditions, project trip generation, future traffic conditions and project impact, and a parking evaluation.

The Intermodal Center will be constructed on a site within the DuPont Centre DRI, at Garland Avenue and Amelia Street. The Center will serve Lynx's project transit service expansion through year 2005.

LTEC then completed a more detailed operational analysis of the project as part of the site plan review and approval process through the City of Orlando. This analysis involved an innovative application of standard intersection operational analyses to address traffic signals integrated with special bus transit routes and planned light rail train arrivals and departures. LTEC's analysis satisfied all concerns and issues raised by the City through site plan approval.

Most recently LTEC completed conceptual and final design of traffic signal and geometric modifications to the roadways and intersections surrounding the site. LTEC also performed detailed traffic operational analyses, utilizing NetSim within CorSim.