

GENERAL TRAFFIC ENGINEERING

Weston, Florida



Client

City of Weston

Project Date

1996 - Present

Services Provided

Traffic Engineering
Site Plan Reviews

This is a multi-task project which focuses on developing a cost-feasible needs program for the Weston Road Corridor, including the intersection of Arvida Parkway and the I-75 Interchange. The analysis included trip generation and assignment of the revised Equitable Increment III (Park of Commerce) Development of Regional Impact development program, and subarea forecasting of corridor traffic demand with the five-year and build out year planning horizons using the Broward County Build out (FSUTMS) Model. The roadway program was developed to maintain Level of Service (LOS) D throughout the corridor, while minimizing the width of Weston Road and Arvida Parkway to six lanes. New signal locations along the corridor were determined based on side street forecasts and were incorporated into the future capacity analysis using ART-PLAN signalization in-puts were based on signal timing parameters developed for each intersection based on anticipated demand. Final improvement program components were included in the DRI Development Order for the City's Five-Year Capital Improvements Program. Funding for improvements and new signals were identified through a combination of developer, City and proportionate-share funding sources.