

PINES BOULEVARD/I-75 INTERCHANGE FDOT LAP PROJECT Broward County, Florida



CGA is currently in the post-design phase for the Pines/I-75 interchange project. The purpose of this City of Pembroke Pines/FDOT LAP project was to realign the existing free-flow entrance and exit ramps at the SR-820 (Pines Boulevard) / I-75 interchange due to development in the corridor. The re-aligned ramps will be perpendicular to SR-820, and traffic will be controlled through signalized intersections at the ramps. The project also involves widening both Pines Boulevard and the entrance and exit ramps, providing additional turn lanes in order to improve traffic flow through the interchange. The limits of this project extend from Grand Palms Drive to 136th Avenue.

Other work performed includes Pines Boulevard median and curb ramp modifications, roadway widening and lane shifting, addition of guardrail and impact attenuators, extensive drainage design, and detailed signalization plans. The MOT plans were a critical project component, and included an FDOT lane closure analysis as well as detailed multi-phased construction plans for all interchange construction work. Considerable utility coordination was also required for this project, as the Pines Boulevard corridor is used as a backbone of utility distribution for this area. The CGA Traffic Department prepared both the MLOU and IOAR for the project. Project plan components consist of Roadway, Signing & Marking, Signalization, Landscape Architecture and Electrical plans. CGA also performed all survey work needed for the design of this project. Reports prepared for this contract include a Lighting Justification Report, Design Report, Drainage Report, Typical Section Package, and Pavement Design Package. CGA also applied for & received variances from the Department of Transportation for signalization & shoulder width where required within the project corridor.

Client

City of Pembroke Pines
through a Local Agency
Program (LAP) Agreement
with the Florida Department
of Transportation District IV

Project Date

2006 - 2008

Services Provided

Roadway
Signing & Marking
Signalization
Landscape Architecture
Electrical Engineering