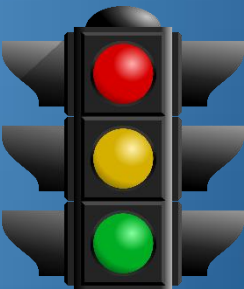




Cypress Parkway Signal Retiming Project

Poinciana Parkway
to
Poinciana Blvd/Southport Rd

June 26, 2017

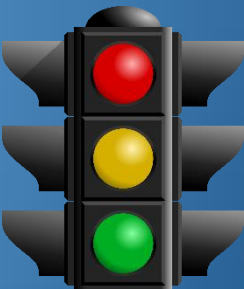




Cypress Parkway Signal Retiming Project

Signal Timing 101

- Minimum and Maximum Green Time
- Startup Time
- Passage Time
- Cycle Length
- Gap Out: Affect of Distracted Driving
- Congested Conditions and Signal Timing

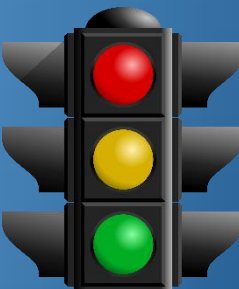




Cypress Parkway Signal Retiming Project

Existing Signal Timing

- Cypress Parkway Current Timing Plan:
 - Free
 - Based on Demand with Maximum Green Time being needed for each intersection approach
 - AM and Peak Period Timing Plans

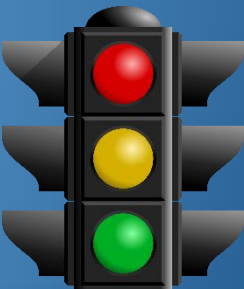




Cypress Parkway Signal Retiming Project

2015 Signal Retiming

- Cypress Parkway from Cypress Branch Rd to Poinciana Blvd/Southport Road
- AM and PM Peak Signal Phasing Plans Developed
- Implemented but removed and placed in free

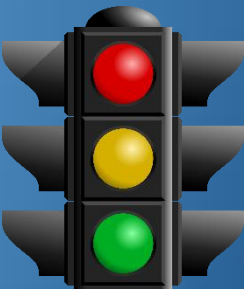




Cypress Parkway Signal Retiming Project

2017 Signal Retiming

- Expanded limits and Coordination with Polk County
- Cypress Parkway from Poinciana Pkwy to Poinciana Blvd/Southport Rd
- Data Collection Complete
- Developing Off Peak Timing Plans:
 - Mid-Day
 - Off Peak
 - Weekend
- Draft Timing Plans in late summer with implementation in late September/early October 2017





Cypress Parkway Signal Retiming Project

Questions

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Transportation & Transit Department

407-742-0552

