

## Traffic Signal CIP Highlights Fiscal Years 2010 and 2011 (YTD)

### Fiscal Year 2010

F-D-U	Fund Type	Title	Appr	FY 10 Expenditures
8601-6207-5302	2006 bonds	Traffic Signal Mods and Upgrades	1,630,000	892,749
8601-6207-5303	2006 bonds	Traffic Signal System Upgrades	55,000	101,272
8601-6207-5328	2006 bonds	South 1 <sup>st</sup> @ Emerald Woods	110,000	45,847
8601-6207-5330	2006 bonds	5 <sup>th</sup> @ Campbell	20,000	43,572
8601-6207-5331	2006 bonds	Slaughter & Francia	42,790	42,790
8601-6207-5326	2006 bonds	Guadalupe @ 31 <sup>st</sup> Street	45,000	28,265
		<b>TOTALS</b>	<b>1,902,790</b>	<b>1,154,495</b>

Traffic Signal Modifications and Upgrades: The funding was used to upgrade vehicle detection at numerous locations through out the City of Austin.

Traffic Signal System Upgrades: This funding was used to procure and install equipment necessary to upgrade the City's signal communication network to Internet Protocol (IP). Upgrading the communication network allows City to install a wide range of devices ranging from vehicle count stations to travel time sensors. This data can then be disseminated to the public via a City web page or on dynamic message signs installed along the roadway.

South First & Emerald Woods: This projected consisted of installing a new traffic signal at the intersection of South First & Emerald Woods.

5<sup>th</sup> & Campbell: This projected consisted of installing a new traffic signal at the intersection of 5<sup>th</sup> & Campbell to the east of Loop 1. As part of this project, flashers were installed on the exit ramp from Loop 1 to warn drivers if traffic when traffic on the ramp was slowing down due to the traffic signal.

Slaughter & Francia: This projected consisted of installing a new traffic signal at the intersection of Slaughter Lane & Francia / South Park Meadow.

Guadalupe & 31 St.: This project consisted of installing a pedestrian actuated beacon to allow pedestrians to safely cross Guadalupe.

### Fiscal Year 2011 (YTD)

Center-to-Center/ITS Grant Match: Funding was used to create a redundant path from the City's Traffic Management Center to the CTECC. The redundant path allows communication with traffic signals to continue even if fiber cable going to CTECC is damaged.

- **\$33,617.96** (Encumbered, pending contractor's invoice)

Traffic Signal Studies: Funding was used to conduct engineering studies to determine whether a traffic signal is warranted at specific locations.

- **\$10,338.10**

Signal Modifications & Upgrades: Funding was used to upgrade existing signal infrastructure through out the city to current standards i.e. installing new signal cabinets and foundations, left turn heads, pedestrian countdown heads, upgrading vehicle detection, upgrading existing pedestrian flashers to HAWK flashers, etc.

- **\$698,709.85**