



## Engineering Services Monthly Report on Roads, Traffic, Water and Sewer Projects: City Council Meeting- May 1, 2012

### Engineering Highlights:

- **Construction Inspections** – Construction Inspectors have 198 current projects that are at various stages of construction.
- **Pre-construction Meetings** – Staff held 7 pre-construction meetings for new projects:
  1. CR 710 [Sanctuary Drive]
  2. Frisco Lakes by Del Webb, Village 8
  3. Richwoods, Ph 8
  4. Waterstone 423 Retail Addn, BI A, Lt 4
  5. Centre at Preston Ridge, Ph 2, BI A, Lot
  6. The Crossing, Ph 1 - Amenity Center
  7. Northstar Business Park, BI 1, Lts 3R-1
- **Project Final Acceptances** – There were 8 projects accepted.
  1. Celebration Covenant Church BI A Lt 2A
  2. Celebration Covenant Church Parking Lot
  3. Knolls of Frisco, Phase 2B
  4. Frisco Sports Complex Plaza Landscaping
  5. City Hall and Main Library
  6. Cottonwood Branch Channel Improvements
  7. Duke Office Park BI A Lots 2&3 (T-mobile)
  8. Christie Ranch, Phase 2C

**Project Reviews** – Staff has completed Forty Three (43) engineering reviews.

- **American with Disabilities Transition Plan**

The goals and objectives of the ADA Transition Plan are to improve accessibility for all citizens, encourage participation from the public and disabled community, educate City staff and the public on the requirements of the ADA, develop a comprehensive list of barriers, provide a detailed outline of methods to remove barriers, provide realistic schedule with cost for removal of barriers, and to identify funding sources and opportunities to implement a barrier

removal program. This project is anticipated to be complete by December 2012.

Field audits of city facilities have been conducted. The audits focused on a limited number of locations of each type of city facility including buildings, signalized intersections, sidewalks, and parks. All audits are complete and the next phase of the project will be to identify any deficiencies and develop a project list and cost estimate to bring these facilities into compliance.

## Roadway Construction Projects

FM 423 [Middle] (CIP03-0109) Stewart Creek to Eldorado Pkwy

**Project Manager:** Jason Brodigan

**Project Description:** *Replace the existing two-lane asphalt roadway with a six-lane concrete divided roadway. Project includes paving and drainage.*

**Project Update:** *Austin Bridge and Road has begun paving the three northbound lanes.*

**Construction End:** 9/4/2012

**Estimated Construction Cost:** \$0

Custer Road [FM 2478] (CIP05-0028) Stonebridge to US 380

**Project Manager:** Jason Brodigan

**Project Description:** *Replace the existing two-lane asphalt roadway with a six-lane concrete divided roadway. Project includes paving, drainage, and signals.*

**Project Update:** *Construction is 95% complete. Sinacola is completing medians and sidewalks.*

**Construction End:** 6/1/2012

**Estimated Construction Cost:** \$179,005

Preston Road [SH 289] (CIP05-0031) Main St to US 380

**Project Manager:** Jason Brodigan

**Project Description:** *Replace the existing two-lane asphalt roadway with a six-lane divided concrete roadway. Project includes paving and drainage.*

**Project Update:** *Sinacola is working on completing southbound lanes between Main Street and Preston Manor.*

**Construction End:** 6/29/2012

**Estimated Construction Cost:** \$10,166,838

CR 710 [Sanctuary Drive] (CIP10-0008) Peaceful Lane to Rogers Road

**Project Manager:** David L Chacon

**Project Description:** *Replace the existing two lane asphalt/gravel roadway with a two lane concrete roadway from Peaceful Lane to Rogers Road*

**Project Update:** *Project will begin construction in April.*

**Construction End:** 8/18/2012

**Estimated Construction Cost:** \$869,584

## Roadway Design Projects

Rockhill Road (CIP10-0015) Dallas Parkway to Preston

**Project Manager:** David L Chacon

**Project Description:** *Construct a new six-lane divided concrete roadway including a bridge over the BNSF Railroad. Project includes paving, drainage, water, lighting, landscaping and irrigation.*

**Project Update:** *Design is 60% complete. ROW and Easement acquisition in progress.*

**Construction Begin:** Not Scheduled

**Estimated Construction Cost:** \$14,187,117

US 380 (CIP10-0017) CR 26 to Coit Rd

**Project Manager:** Jason Brodigan

**Project Description:** *Widen the existing five-lane roadway to a freeway section including frontage roads and grade separated intersections at DNT and Preston Road.*

**Project Update:** *Conceptual design is 95 percent complete.*

**Construction Begin: Not Scheduled**      **Estimated Construction Cost: \$78,000,000**

Rockhill Road (CIP08-0007) CR 26 to Dallas Parkway

**Project Manager:** David L Chacon

**Project Description:** *Construct a new six-lane divided concrete roadway. Project includes paving, drainage, water, lighting, landscaping and irrigation.*

**Project Update:** *Design is 60% complete. ROW and Easement acquisition in progress.*

**Construction Begin: Not Scheduled**      **Estimated Construction Cost: \$7,977,176**

Coit Road (CIP10-0002) Main Street to Eldorado Parkway

**Project Manager:** Jason Brodigan

**Project Description:** *Replace the existing two-lane asphalt roadway with a four-lane divided concrete roadway. Project includes paving, drainage, water, lighting, landscaping, and irrigation.*

**Project Update:** *Design is complete. Right of way acquisition is underway. Construction will begin once franchise utilities are relocated.*

**Construction Begin: 9/4/2012**      **Estimated Construction Cost: \$5,650,072**

Stonebrook Parkway (CIP10-0024) Fighting Eagles to Longhorn Trail

**Project Manager:** David L Chacon

**Project Description:** *Construct a new four-lane divided concrete roadway including a bridge under the BNSF Railroad. Project includes paving, drainage, water, wastewater, sidewalk, lighting, landscaping and irrigation.*

**Project Update:** *US Army Corps of Engineers permit has been received for final signature. An agreement to add the railroad bridge for the underpass is being prepared by BNSF and is expected to be ready for City execution in May.*

**Construction Begin: 9/28/2012**      **Estimated Construction Cost: \$14,257,471**

Preston Rd (SH 289) Landscape (CIP10-0027) Main St to US 380

**Project Manager:** Jason Brodigan

**Project Description:** *Install median irrigation and landscaping. Project to be constructed by TxDOT.*

**Project Update:** *Design is 90% complete. Construction of the project will begin upon completion of the Preston Road widening project.*

**Construction Begin: 10/15/2012**      **Estimated Construction Cost: \$724,000**

Phillips Creek Ranch Hike & Bike Trail (CIP11-0009)

**Project Manager:** Jason Brodigan

**Project Description:** *Through TxDOT grant, install median landscaping and hike and bike trails along Stonebrook Parkway and Lone Star Parkway.*

**Project Update:** *Design is 95% complete. The project is expected to bid in July and construction should begin in August.*

**Construction Begin: 8/6/2012**      **Estimated Construction Cost: \$5,400,000**

Eldorado Parkway (CIP05-0006) Preston Road to Custer Road

**Project Manager:** Toyin Fawehinmi

**Project Description:** *Widen the existing four-lane divided concrete roadway to a six-lane divided roadway from Preston Road to Hillcrest Road and from Fragrant Dr to Custer Road and widen the existing two-lane concrete roadway to a six-lane divided concrete roadway from Hillcrest Road to Fragrant Drive. Also, approximately 700 linear feet of Coit Road north of Eldorado Parkway intersection is included. Project includes paving, drainage, sidewalks, street lights, signals, landscaping and irrigation*

**Project Update:** *Plans are complete. Right of way acquisition is underway. Construction will begin once franchise utilities are relocated out of the way of new construction. Franchise companies are struggling to keep pace with the construction demand in the North Texas area.*

**Construction Begin: 9/4/2012**      **Estimated Construction Cost: \$8,908,669**

Stonebrook Pkwy (CIP05-0015) Dallas Parkway to SH 289 [Preston Road]

**Project Manager:** Art Hartle

**Project Description:** *Scope: Install 36 inch waterline along Dallas Pkwy from south of Lebanon to Stonebrook then along Stonebrook from Dallas Pkwy to Preston; reconstruct westbound Stonebrook pavement to widen roadway to 6 lanes.*

**Project Update:** *Advertising for bids began April 13. Bids will be opened on May 10, 2012. Construction is expected to begin in June.*

**Construction Begin:** 6/15/2012

**Estimated Construction Cost:** \$14,000,000

Lebanon/DNT Intersection (CIP05-0026) Starwood Dr to 1100' east of DNT

**Project Manager:** Art Hartle

**Project Description:** *Construct additional pavement along Lebanon to widen road to match DNT bridge. Project also includes turn lanes at Lebanon/DNT intersection and a traffic signal and right turn lane at Starwood/Lebanon.*

**Project Update:** *Right of way and easement acquisition is on-going. Franchise relocations will begin when property is acquired.*

**Construction Begin:** Not Scheduled

**Estimated Construction Cost:** \$1,801,293

FM 423 [North] (CIP03-0056) Eldorado Parkway to US 380

**Project Manager:** Jason Brodigan

**Project Description:** *Replace the existing two-lane asphalt roadway with a six-lane divided concrete roadway. Project includes paving, drainage, signals and lighting.*

**Project Update:** *Final design plans were submitted to TxDOT in January. ROW acquisition by TxDOT is nearly complete and utility relocations are beginning.*

**Construction Begin:** 1/7/2013

**Estimated Construction Cost:** \$0

Main Street [FM 3537] (CIP03-0108) Preston Road to Custer Road

**Project Manager:** Jason Brodigan

**Project Description:** *Replace the existing two-lane asphalt roadway with a six-lane divided concrete roadway. Project includes paving, drainage, signals, lighting, landscaping and irrigation.*

**Project Update:** *TxDOT has bid the project. Texas Sterling, the contractor, will begin work when franchise utility relocation is completed.*

**Construction Begin:** 8/13/2012

**Estimated Construction Cost:** \$2,640,000

Memorial Drive (CIP11-0016) Navaho Lane to Spring Creek Pkwy

**Project Manager:** Jason Brodigan

**Project Description:** *Construct a new four-lane divided concrete roadway including a bridge under the BNSF Railroad and the intersection with Town & Country. Project includes paving, drainage, retaining wall, sidewalk, lighting, landscaping and irrigation.*

**Project Update:** *Design is 60% complete.*

**Construction Begin:** 7/9/2012

**Estimated Construction Cost:** \$0

John Hickman (CIP11-0028) Preston to Ohio

**Project Manager:** Toyin Fawehinmi

**Project Description:** *Construct new 37' Roadway and intersection at Preston. Project includes grading, paving, drainage, water, illumination, and signal at Preston.*

**Project Update:** *Bid phase complete. Right of way acquisition is underway. Franchise utilities relocations will begin in May. Construction is expected to begin in June.*

**Construction Begin:** 6/4/2012

**Estimated Construction Cost:** \$1,500,000

2012 Annual Sidewalk (CIP12-0001)

**Project Manager:** Tin Nguyen

**Project Description:**

**Project Update:** *Contractor is preparing to begin work on the sidewalk locations for the 2012 Sidewalk program. This project prioritizes additions to sidewalk throughout the city, primarily focused on providing walking routes to schools. Work is expected to begin in late May/early June.*

**Construction Begin: 6/4/2012**

**Estimated Construction Cost: \$200,000**

### Wastewater Design Projects

West Rowlett Creek WW Main Extension (CIP11-0021) Independence to Coit

**Project Manager:** David L Chacon

**Project Description:**

**Project Update:** #Error

**Construction Begin: Not Scheduled**

**Estimated Construction Cost: \$0**

Panther Creek Sewer Interceptor Phase 2 (CIP10-0013)

**Project Manager:** David L Chacon

**Project Description:** Install new 24" wastewater line.

**Project Update:** Design is 60 percent complete. Easement acquisition is in progress.

**Construction Begin: Not Scheduled**

**Estimated Construction Cost: \$3,253,434**

Panther Creek Reuse Line (CIP11-0002) Panther Creek WWTP to Trails Golf Course

**Project Manager:** Art Hartle

**Project Description:**

**Project Update:** Prepared engineering contract and submitted for Council action on April 17, 2012.

**Construction Begin: 5/1/2012**

**Estimated Construction Cost: \$4,000,000**

Fairways LS Generator (CIP11-0004) within Fairways LS property

**Project Manager:** Art Hartle

**Project Description:** Install emergency generator

**Project Update:** Bids are to be opened on May 24, 2012. Construction will begin in June.

**Construction Begin: 6/22/2012**

**Estimated Construction Cost: \$740,163**

### Water Design Projects

Main Street Waterline Relocations (CIP09-0011) Preston Road to Custer Road

**Project Manager:** David L Chacon

**Project Description:** Relocate existing waterline outside of the proposed right of way in preparation for Main Street construction.

**Project Update:** Easement acquisition continues. Project is expected to begin construction in June.

**Construction Begin: 6/22/2012**

**Estimated Construction Cost: \$4,137,000**

Legacy EST (CIP10-0019)

**Project Manager:** Art Hartle

**Project Description:** Construct new 1.5 million gallon elevated water tank to replace existing 0.3 million gallon EST

**Project Update:** Easement and site location under review. 60% plans have been reviewed by City.

**Construction Begin: Not Scheduled**

**Estimated Construction Cost: \$4,007,000**

### Transportation Highlights:

- **Development/CIP Plan Reviews** – Staff reviewed 61 sets of development and CIP plans this month. Staff also reviewed and processed four TxDOT permit applications.
- **Citizen Inquiries** – Staff has responded to several citizen inquiries that came into the department by telephone, email, and the Q&A Message Board on the City website.
- **Miscellaneous Traffic Studies** – Staff continues to update the crash database (based on police reports) and uses new software purchased in 2011 to generate reports and proactively analyze the data. Staff is currently overseeing three studies

that are analyzing the effectiveness and costs of potential options to change the physical configuration of five intersections (Main & Legacy, Main & Frisco Square Blvd, and Ohio Drive at Gaylord, Warren, and Prestmont). This month staff conducted several neighborhood speed studies at the request of citizens.

- **School Zones** – Staff meets monthly with representatives of Fisd to discuss any school zone, crossing guard, or sidewalk issues. This month, staff observed traffic operations at one campus at the request of citizens, planned for temporary school zone signs for summer school, and arranged for all crossing guards to count the number of pedestrians at their location as part of our annual data collection.
- **Special Events** – As part of the Special Events Review Committee, staff reviews all pending special event applications for any traffic control needs. Staff continually coordinates with the Police, Fire, Communications, and Public Works Departments regarding any special events that affect traffic flow or parking in the City. Staff also coordinates with FC Dallas Stadium and Dr Pepper Arena staff regarding large events at those venues, which sometimes requires coordination with NTTA. This month, staff provided traffic management support for three FC Dallas soccer games, the Dallas Cup soccer tournament, the Dallas Cup 5K race, the Freedom Run 5K race, the Arts in the Square festival, and the Shattered Dreams event.
- **Staff** – Two of our traffic engineer positions are currently frozen.
- **Thoroughfare Standards Ordinance** – Staff has been working on a draft update to the Thoroughfare Standards Ordinance based upon ongoing research, coordination with other departments, and comments received from the Frisco Developers Council (FDC). Staff has also been involved in the update of the entire set of Engineering Design Standards and has coordinated changes with the Thoroughfare Standards. Staff met with the FDC this month to go over their remaining comments and incorporated some additional changes as a result. The revised Standards will have a public hearing at the P&Z Commission on May 8. The standards are expected to be brought to City Council for approval in May or June.
- **Traffic Count Map** – The traffic count map is available on the City's website at [maps.friscotexas.gov](http://maps.friscotexas.gov). It provides daily traffic volume counts (and the date of each count) on multiple segments of every major roadway. Staff conducts an annual traffic count program which updates the volumes collected on each major roadway segment every two or three years.
- **Traffic Control** – Each month, staff designs the installation of new and/or replacement signs and pavement markings as needed. Each month, staff reviews the traffic control plans for new and ongoing construction zones and sends announcements to all City services regarding road closures and traffic switches. Staff is coordinating with TxDOT on major detours and weekend closures of sections of Preston Road, Custer Road, and FM 423 during those widening projects.
- **Traffic Signal System Communications** – The system provides communications to all of the traffic signals in the City, allowing staff to monitor and control their operation remotely. Staff can also view the traffic detection cameras at most of the traffic signals, as well as 66 pan-tilt-zoom (PTZ) traffic cameras that can be controlled remotely. The newest PTZ camera was installed this month on Independence at Rolater.
- **Traffic Signal Timing** – On an ongoing basis, staff changes the operation of various traffic signals along Preston Road, Custer Road and FM 423 to coincide with TxDOT closures and traffic shifts as part of their widening projects. Monthly travel times on the major corridors are also collected to ensure the coordination between traffic signals is optimized.
- **Flashing Yellow Arrow** – The Flashing Yellow Arrow (FYA) left-turn display is a new federally mandated way of controlling the left-turn movement at traffic signals. Instead of a circular green indication, motorists will now be shown a flashing yellow arrow to indicate when they are permitted to turn left (after yielding to oncoming

traffic). FYA left-turn displays were installed in April at the following locations: Preston at Hickory, Legacy at Lakehill, Independence at Rolater, Parkwood at Lebanon, Legacy at Town & Country and Legacy at Stonebriar. FYA left-turn displays will be installed in May at the following locations: Legacy at Warren, Legacy at Academy and Legacy at Stonebrook. All new traffic signal installations will have the FYA and approximately four existing intersections per month are planned to be retrofitted, which will take about 2 years to complete. A website has been created to inform citizens about the FYA with a link to the FYA video at [www.friscotexas.gov/FYA](http://www.friscotexas.gov/FYA).

- **Training and Conference Attendance** – Staff attends the monthly local meetings of the Texas District of the Institute of Transportation Engineers (TexITE) and the American Society of Civil Engineers (ASCE). Sean Merrell is an active committee member in the Texas Section of ASCE and is the President Elect of the ASCE Dallas Branch. This month staff attended the statewide TexITE conference in San Marcos, Texas.
- **Traffic Signal Maintenance** – The City of Frisco currently operates and maintains 87 traffic signals within the City of Frisco and one traffic signal on FM 423 outside the city limits, 84 of which have automatic battery backup power. City crews provide on-call maintenance seven days per week with a 45-minute response time.

A significant part of traffic signal maintenance relates to the 343 video cameras and 19 SmartSensor radar units used to detect vehicles at each signal. Currently, 100% of the video is fully operational. Maintaining this video and radar detection is very efficient due to the citywide communication system because diagnosing and troubleshooting detection issues can be performed from our central control center.

This month City crews programmed and set in place our electronic message boards to direct traffic at numerous special events (Shattered Dreams, the Dallas Cup 5K and Arts in the Square).

Beyond responding to items that need to be constructed or repaired, city crews perform regular preventative maintenance on traffic signal equipment each month. This includes testing of each traffic signal’s video detection cameras, “conflict monitor” equipment, and Opticom equipment (which provides emergency vehicle preemption of the traffic signal).

City crews also operate and maintain 118 school zone flashers, two pedestrian crossing flashers, and two warning sign flashers.

- **Roadway Lighting Maintenance** – In general, city crews operate and maintain roadway lighting along major thoroughfares and the power companies operate and maintain the street lights within neighborhoods. City crews performed lighting repairs at several locations during the month, including replacing bulbs and replacing poles that were knocked down.

Total light poles maintained by City	2295
Total lamp fixtures maintained by City	3964
Proportion of City lighting currently operating	99%

- **Wayfinding Project** – This project will assist staff in meeting the needs of our citizens and visitors who attend events at both public and private operated destinations in Frisco. The first two phases of the project are complete and included input from the consultant, a stakeholder group, TxDOT, and NTTA. The proposed sign design package has been submitted to TxDOT and NTTA for their comment and approval. We have received comments from TxDOT and NTTA. Staff met with

NTTA and TxDOT on February 27, 2012 to address the comments. Phase 3 of the project has now started and is expected to be complete by July 2012. Phase 3 will identify and document all the signs that are needed for implementation. Phase 4, the installation of the signs, could start by the late 2012 depending on the availability of funding.

## Traffic Signal Construction Projects

Traffic Signal - Main St at Kyser Way (CIP10-0010)

**Project Manager:** Shelley Lang

**Project Description:** *Install a new traffic signal on Main St at Kyser Way. This project also includes the construction of new eastbound and westbound left turn lanes on Main St to provide more efficient operation of the new traffic signal.*

**Project Update:** *The signal contractor has installed the signal pole foundations and underground conduits for the new traffic signal.*

**Construction End:** 7/1/2012

**Estimated Construction Cost:** \$410,475

FM 423 Middle Section Signal Upgrades (CIP07-0051)

**Project Manager:** Shelley Lang

**Project Description:** *TxDOT project to replace existing temporary traffic signals with permanent traffic signals on FM 423 at Main, Stonebrook, Del Webb and Lebanon. This project also includes upgrading these signalized intersections to City of Frisco standard materials.*

**Project Update:** *The traffic signal work is being done as part of TxDOT's roadway widening project. Please see CIP03-0109 for project status.*

**Construction End:** Not Scheduled

**Estimated Construction Cost:** \$170,350

Preston Road Traffic Signal Upgrades (CIP06-0007)

**Project Manager:** Shelley Lang

**Project Description:** *TxDOT project to replace existing temporary traffic signals with permanent traffic signals on Preston Road at Meadowhill, Eldorado and Rockhill. These signalized intersections will also be upgraded to City of Frisco standard materials. This project also includes installing a new temporary and permanent traffic signal on Preston at Panther Creek.*

**Project Update:** *The traffic signal work is being done as part of TxDOT's roadway widening project. Please see CIP05-0031 for project status.*

**Construction End:** Not Scheduled

**Estimated Construction Cost:** \$111,005

Preston Rd ADA Improvement Project (CIP11-0027)

**Project Manager:** Shelley Lang

**Project Description:** *Preston Road ADA improvement project to modify the signalized intersections of Gaylord, Warren, Lebanon and Wade.*

**Project Update:** *New pedestrian pole foundations have been installed and the contractor is working on the new ADA ramps at each of the intersections.*

**Construction End:** 7/31/2012

**Estimated Construction Cost:** \$195,755

## Traffic Signal Design Projects

Permanent Traffic Signal (CIP04-0050) Eldorado Pkwy at Wal-Mart

**Project Manager:** Shelley Lang

**Project Description:** *Replace temporary traffic signal with a permanent traffic signal.*

**Project Update:** *Design is 65% complete.*

**Construction Begin:** Not Scheduled

**Estimated Construction Cost:** \$200,000

Permanent Traffic Signal (CIP05-0036) Eldorado Pkwy at Dallas Pkwy

**Project Manager:** Shelley Lang

**Project Description:** *Project will construct a third lane on the southbound frontage road (between Eldorado and the entrance ramp), which will allow us to provide dual right-turn lanes on eastbound Eldorado at Dallas*

Parkway. Project will also replace the temporary "span-wire" traffic signal with a permanent traffic signal and construct a third lane on the northbound frontage road between the exit ramp and Eldorado to improve traffic flow approaching the intersection.

**Project Update:** Design is 95% complete and is awaiting TxDOT review of approval of the plans.

**Construction Begin: Not Scheduled**                      **Estimated Construction Cost: \$595,000**

Traffic Signal - Lebanon Rd at Starwood (CIP09-0017)

**Project Manager:** Shelley Lang

**Project Description:** Install a new traffic signal on Lebanon at Starwood as part of the Lebanon/DNT intersection improvement project.

**Project Update:** Construction of the traffic signal will be done as part of the Lebanon/DNT intersection improvement project. Please see CIP05-0026 for status updates.

**Construction Begin: Not Scheduled**                      **Estimated Construction Cost: \$165,000**

#### Arterial Lighting Design Projects

Lebanon Rd (CIP11-0013) FM 423 to West City Limits

**Project Manager:** Shelley Lang

**Project Description:** Install median lighting on Lebanon Rd between FM 423 and Frisco's West City Limits.

**Project Update:** Design is 90% complete.

**Construction Begin: Not Scheduled**                      **Estimated Construction Cost: \$254,210**

Legacy Dr (CIP11-0014) Eldorado Pkwy to Crane Ave

**Project Manager:** Shelley Lang

**Project Description:** Install median lighting on Legacy between Eldorado and Crane.

**Project Update:** Design is 90% complete.

**Construction Begin: Not Scheduled**                      **Estimated Construction Cost: \$53,450**

Ohio Dr (CIP11-0015) Wade Blvd to Hillcrest Rd

**Project Manager:** Shelley Lang

**Project Description:** Install median lighting on Ohio between Wade and Hillcrest.

**Project Update:** Design is 90% complete.

**Construction Begin: Not Scheduled**                      **Estimated Construction Cost: \$117,060**

Gaylord Pkwy (CIP07-0006) Preston Rd to Ohio Dr

**Project Manager:** Shelley Lang

**Project Description:** Install median lighting on Gaylord between Preston and Ohio.

**Project Update:** Design is 100% complete.

**Construction Begin: 7/2/2012**                              **Estimated Construction Cost: \$71,035**

Hillcrest Rd (CIP07-0007) Eldorado Pkwy to Haversham Dr

**Project Manager:** Shelley Lang

**Project Description:** Install median lighting on Hillcrest between Eldorado and Haversham.

**Project Update:** Design is 100% complete.

**Construction Begin: 7/2/2012**                              **Estimated Construction Cost: \$76,221**

OhioDr/College Pkwy (CIP07-0012) Hillcrest Rd to Coit Rd

**Project Manager:** Shelley Lang

**Project Description:** Install median lighting on Ohio/College between Hillcrest and Coit.

**Project Update:** Design is 90% complete.

**Construction Begin: Not Scheduled**                      **Estimated Construction Cost: \$266,820**

Ohio Dr (CIP07-0013) SH 121 to Presmont Pl

**Project Manager:** Shelley Lang

**Project Description:** Install median lighting on Ohio between SH 121 and Presmont.

**Project Update:** Design is 100% complete.

**Construction Begin: 7/2/2012**                              **Estimated Construction Cost: \$146,160**

Parkwood Blvd (CIP07-0015) Lebanon Rd to Stonebrook Pkwy

**Project Manager:** Shelley Lang

**Project Description:** *Install median lighting on Parkwood Blvd between Lebanon Rd and Stonebrook Pkwy.*

**Project Update:** *Design is 90% complete.*

**Construction Begin:** **Not Scheduled**

**Estimated Construction Cost:** **\$200,760**

Preston Rd [SH 289] (CIP07-0017) SH 121 to Gaylord Pkwy

**Project Manager:** Shelley Lang

**Project Description:** *Install median lighting on SH 289 (Preston) between SH 121 and Gaylord.*

**Project Update:** *Design is 100% complete and is awaiting TxDOT approval of final plans.*

**Construction Begin:** **7/2/2012**

**Estimated Construction Cost:** **\$123,998**

Preston Road [SH289] (CIP07-0018) Main St to US 380

**Project Manager:** Shelley Lang

**Project Description:** *Install median lighting.*

**Project Update:** *Design is 95% complete and is awaiting TxDOT final approval. Construction of this project will begin upon completion of the Preston Road widening project.*

**Construction Begin:** **8/1/2012**

**Estimated Construction Cost:** **\$1,088,650**

Wade Blvd (CIP07-0023) Collin College to Ohio Dr

**Project Manager:** Shelley Lang

**Project Description:** *Install median lighting on Wade between Collin College and Ohio Dr.*

**Project Update:** *Design is 90% complete.*

**Construction Begin:** **Not Scheduled**

**Estimated Construction Cost:** **\$43,935**

Warren Pkwy (CIP07-0026) Preston Rd to Ohio Dr

**Project Manager:** Shelley Lang

**Project Description:** *Install median lighting on Warren Pkwy between Preston Rd and Ohio Dr.*

**Project Update:** *Design is 100% complete.*

**Construction Begin:** **7/2/2012**

**Estimated Construction Cost:** **\$62,250**