

AGENDA – WORKSHOP OF THE CITY COUNCIL OF THE CITY OF PEARLAND, TEXAS, TO BE HELD ON MONDAY, JULY 9, 2012, AT 6:30 P.M., IN THE COUNCIL CHAMBERS, CITY HALL, 3519 LIBERTY DRIVE, PEARLAND, TEXAS.

I. CALL TO ORDER

II. PURPOSE OF THE WORKSHOP:

1. COUNCIL INPUT AND DISCUSSION: REGARDING REPORT ON ALL CURRENT PROJECTS.

Mr. Trent Epperson, Director of Engineering and Capital Projects.

III. ADJOURNMENT

This site is accessible to disabled individuals. For special assistance, please call Young Lorfing at 281-652-1840 prior to the meeting so that appropriate arrangements can be made.

Workshop Item No. 1

1. **COUNCIL INPUT AND DISCUSSION:** REGARDING REPORT ON ALL CURRENT PROJECTS. *Mr. Trent Epperson, Capital Project Manager.*

**AGENDA REQUEST
BUSINESS OF THE CITY COUNCIL
CITY OF PEARLAND, TEXAS**

AGENDA OF: July 9, 2012	ITEM NO.: Workshop No. 1
DATE SUBMITTED:	DEPARTMENT OF ORIGIN: Projects
PREPARED BY: Trent Epperson	PRESENTOR: Trent Epperson
REVIEWED BY: Mike Hodge	REVIEW DATE: July 2, 2012
SUBJECT: Monthly Project Update	
EXHIBITS: A – Monthly Reports 07.2012	
EXPENDITURE REQUIRED: \$NA AMOUNT AVAILABLE: \$NA ACCOUNT NO.: NA	AMOUNT BUDGETED: \$NA PROJECT NO.: NA
ADDITIONAL APPROPRIATION REQUIRED: ACCOUNT NO.: PROJECT NO.:	
To be completed by Department: <input type="checkbox"/> Finance <input type="checkbox"/> Legal <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution	

EXECUTIVE SUMMARY

Council will be updated regarding the status of all current projects, including water, drainage, wastewater and thoroughfare.

RECOMMENDED ACTION

Conduct the workshop.



Monthly Projects Update

June 29, 2012

**Magnolia Road Expansion (& Water)
Dixie Farm Road Widening
Recreation Center & Natatorium
Hickory Slough Detention at Max Rd &
Max Rd Sports Complex, Phase 1
Far Northwest Wastewater Plant Improvements
Hatfield Basin Trunk Sewer
BellaVita Waterline Interconnect
Dolores Fenwick Nature Center, Phase 2
Pearland Parkway Extension**

**Prepared by:
Andrea Brinkley**

For Distribution to City Council

Magnolia Road Expansion and Water

Progress this period:

Segments 1 & 2: (Construction Phase 2) Magnolia Rd. from Veterans Dr. to SH 35 and John Lizer Rd. from SH 35 to Pearland Parkway

- Continued monitoring and payments for 2nd year of tree-only maintenance.

Segments 4 & 5: (Construction Phase 3) Magnolia Rd. from Morgan Rd. to Harkey Rd. and CR-89/Cullen Parkway from Southfork to Northfork

Design Engineers: Seg. 4 Cobb Fendley & Associates; Seg. 5 Klotz Associates

Magnolia Rd Bridge over Mary's Creek: Pate Engineers.

Contractor: Cross Roads Industries

CM: ESPA Corp

Billed to Date: \$9,762,357.82

% Billed: 99.0%

- Contractor reported progress of completion of warranty punchlist items.
- **Continuing issue noted with contractor related to irrigation controller at Cullen, and plant stress.**
- **Discussed bridge approach slab issue with contractor.**

Planned activities for the period ending June 30, 2012:

Segments 4 & 5: (Construction Phase 3) Magnolia Rd from Morgan Rd. to Harkey Rd., and CR-89 from Southfork to Northfork.

- Make 3rd quarter payment for landscape and tree maintenance.
- **Resolve bridge approach slab issue.**
- **Resolve irrigation issue.**
- Accept project files from Construction Manager.
- Begin closeout of project file.

Project Schedule:

- Construction Phase 1 (Magnolia Rd.: Harkey Rd. to Veterans Dr.)
 - Substantial completion August 27, 2008.
- Landscaping Ph 1 – Council Award on December 14, 2009.
 - Substantial completion April 13, 2010.
 - 2nd Yr Tree Maintenance completes April 2012.
- Construction Phase 2 (Segments 1 & 2: Veterans Dr. to Pearland Parkway)
 - Substantial completion: Revised: July 13, 2010
 - 2nd Yr Tree Maintenance completes August 2012.
- Construction Phase 3 (Segments 4 & 5: Magnolia Rd from Morgan Rd. to Harkey Rd., and CR-89 from Southfork to Northfork.)
 - Substantial completion: Revised to May 13, 2011; 114 rain days
 - 1st Yr landscape and irrigation maintenance completes May 2012.
- Traffic Signal Installation at Southfork and CR90 and CR 94:
 - Substantial Completion August 26, 2009.
- Speed Zone Study – All Phases
 - Council Approved –February 2012.

Dixie Farm Road Widening Streetlights - Phase I

Design Engineer: Freese Nichols Inc.

Progress this Period:

- **CPE notified City that some materials were back ordered, which caused a delay in the start time by of 4 weeks.**
- **Discussions were held with the contractor regarding this delay and all agreed on a suspension to the contract time while waiting on the materials.**
- **Staff monitored this item with CPE, and issue was resolved in 2 weeks.**

Planned activities for the period ending July 31, 2012:

- **Notice to Proceed date revised to June 18, 2012.**
- **Street light foundation work scheduled for 2nd week in July.**
- Monitor construction progress.

Project Schedule:

- Notice to Proceed: June 18, 2012
- Substantial Completion: August 17, 2012

Dixie Farm Road Widening - Phase II

Design Engineer: Freese Nichols Inc.

Contractor: Hassell Construction

Billed to Date: \$12,908,062.99

Contract Days Used: 574

CM: TxDOT

% Billed: 98.23%

% of Contract: 117.23%

Progress this Period:

- **Stream gauge verified to be in good working order**
- **Staff reviewed area for progress on punch list; water valve items resolved, paver band repair started.**
- **Discussed punchlist progress with TxDOT.**

Planned activities for the period ending July 31, 2012:

- **Resolve remaining paver repair, grading for drainage near Cowart's Creek with TxDOT.**
- **Complete punch list and pursue contract close out with TxDOT.**
- Complete signal pre-emption in Phase 2 segment.

Project Schedule:

- Notice to Proceed April 9, 2009
- Substantial Completion: April 6, 2011.

Recreation Center & Natatorium

Architect: PBK Architects

Contractor: EMJ Corporation

CM: PBK Architects

Progress this period:

- Contractor reports completing all warranty repairs, requested warranty inspection.
- Bonding Agent continues to monitor progress.
- Contractor sent response on Pool staining issue.
- Obtained proposal for investigation from consultant.

Planned activities for the period ending July 31, 2012:

- Investigate and resolve pool staining issue.
- Re-inspect completed work.
- Process final payment to architect pending completion of project close out.

Project schedule:

- Accepted into maintenance.

Hickory Slough Detention at Max Rd & Max Rd Sports Complex, Phase 1

Design Engineer: Jacobs Engineers, Inc.

Progress this period:

- **Held mandatory Pre-Bid meeting on June 21st.**
- **Bid due date revised to July 3rd.**
- **Met with project architect regarding the site planning of the restroom and concessions building; approved concept.**
- Property acquisition ongoing. Right of Entry acquired.

Planned activities for the period ending July 31, 2012:

- **Accept bids on July 3rd.**
- **Prepare for construction contract for Council consideration and award.**
- Consultants to submit 60% drawings in July for staff review.
- Review building code for restroom and concession building plan.
- Continue coordination with CenterPoint Energy for street lighting and site power.
- Continue property acquisition.

Project schedule:

- Design: Detention: Nov. 2010 to July 2012; Sports Complex: to October 2012
- Construction: Detention: August 2012, Sports Complex: January 2013

Far Northwest Wastewater Treatment Plant Improvements

Design Engineer: Binkley & Barfield Inc.

Progress this period:

- **Staff reviewing draft Preliminary Engineering Report**
- Manufacturer reviewing work plan for repairs to decanters.

Planned activities for the period ending July 31, 2012:

- Engineer to make revisions to PER per comments.
- **Engineer to continue with Design, prepare 60% plans for submittal.**
- Schedule work outlined in work plan for Decanter repairs to coordinate with UV and valve repairs.
- Continue Final design phase.

Project schedule:

- Design: February 2012 to April 2012.
- Construction: 3rd Quarter 2012

Hatfield Basin Trunk Sewer

Design Engineer: Freese & Nichols, Inc.

Progress this period:

- **Staff reviewing 60% PS&E package.**
- **Revised alignment of sanitary along Hatfield south of FM 518 to be located in right of way.**
- Continued coordination with utilities.
- Initiated property acquisition process.
- Reviewed alignment on Woody St.
- Met with property owners concerning easements.

Planned activities for the period ending July 31, 2012:

- **Provide comments to engineer.**
- **Continue property/easement acquisition.**
- **Meet with dry utilities in field to review conflicts and plan to resolve.**
- Meet with BDD#4 concerning crossing at Mary's Creek and Corrigan Ditch.
- Continue Final Design.

Project schedule:

- Design: February 2011 to September 2012.
- Draft PER: November 2011 (Delayed due to Fite alternate route)
- Final PER: March 2012
- Construction: 4th quarter 2012

BellaVita Waterline Interconnect

Design Engineer: Freese & Nichols, Inc.

Progress this period:

- **Harris County continuing engineering review process.**
- Completed easement acquisition for Harris Co. Park property.
- Harris County provided location for water meter.
- Awaiting acquisition costs for easement acquisition at Harris Co. Flood Control detention pond.
- Met with Center Point regarding pole conflicts.
- **Engineer submitted 90% plans.**
- **Requested 'no objection letter' from Pipelines.**

Planned activities for the period ending July 31, 2012:

- Complete acquisition process for easements from HCFC.
- Obtain 'no objection' letters from pipelines.
- **Staff to review 90% plans.**
- Coordinate and send project updates to HOAs as needed.

Project schedule:

- Design: September 2011 – March 2012.
- Construction with Public Works crews: December 2011
- Construction of contracted segments: 2nd quarter 2012

Dolores Fenwick Nature Center, Phase 2

Architect: Randall-Porterfield Architects, Inc.

Progress this period:

- Staff continuing review of 60% plans.

Planned activities for the period ending July 31, 2012:

- Complete review of 60% plans and continue design.
- Coordinate with KPB.

Project schedule:

- Design: September 2011 – April 2012.
- Construction: Pending funding

Pearland Parkway Extension

Progress this period:

- **Survey work completed.**
- **Coordinating with TxDOT on environmental requirements, and determining if a Categorical Exclusion (CE) will be applicable.**
- **Engineer started design and adjusted alignment of proposed Cowart's Creek bridges to avoid existing pipelines.**
- Geotechnical report and Traffic warrant analysis underway.

Planned activities for the period ending July 31, 2012:

- Continue design and coordination with Design Engineer.
- **Draft environmental statement requesting a CE.**
- Review geotechnical findings
- Review draft traffic signal warrant study.
- Review right of way, environmental and utility coordination requirements.

Project schedule:

Design: February 2012 – August 2013.

Letting: August 2013

Construction: October 2013 – September 2014



Monthly Projects Update

June 29, 2012

**Animal Control Shelter Renovations
Bailey Rd (Veterans to FM1128)
Business Center Drive
Cowart Creek Diversion Project
Old Alvin Road Water Line
SH35 South Water line
Trail Connectivity Phase I
Twin Creek Regional Lift Station
Shadow Creek Ranch Park**

Prepared by:
Cara Davis

For Distribution to City Council

Animal Control Shelter Renovations

Architect: Jackson & Ryan Architects

Contractor: JC Stonewall Constructors, LP

CM: N/A

Billed to Date: \$510,496.16

% Billed: 100%

Contract Days Used: (130) 197

% of Contract Days: 151.5%

Progress last period:

- City staff has responded to the contractor's proposed solution for remediation of epoxy floor issues. Discussions regarding details of the execution are currently in progress.

Planned activities for the period ending June 30, 2012:

- Contractor to perform the work to remedy the cracked epoxy flooring.
- Close out project.

Project schedule:

- Consultant Selection – July 2007.
- Design – 4th Quarter 2007 thru 3rd Quarter 2009.
- Bid & Start Construction – 4th Quarter 2009.
- Project completion - end of 4th Quarter 2010.

Bailey Road (Veterans to FM 1128)

Design Engineer: Wilbur Smith Associates (WSA)

Progress last period:

- Engineer gathering proposals from subconsultants to determine level of effort needed to address comments from TxDOT on the FM1128 intersection.

Planned activities for the period ending June 30, 2012:

- Follow up on request for additional information and cost estimates from the engineer to evaluate each scenario.
- Respond with comments on proposal for intersection revisions at FM 1128 to the consultant once additional information requested is received.
- **Continue acquisition process to obtain last parcels along the alignment.**
- **Continue utility relocations**

Project schedule:

- Consultant Selection – 2nd thru 3rd Quarter 2008.
- Design – 3rd Quarter 2008 thru 2nd Quarter 2010

Business Center Drive

Design Engineer: Freese & Nichols

Progress last period:

- Brazoria County submitted final construction plans, Access Driveway or Roadway Modification application and Environmental document to TxDOT for review.
- 100% plans and specs received from Freese & Nichols. City personnel reviewing these documents.
- City staff met with potential CM/CI consultant for a scoping meeting. Contract currently under negotiations.

Planned activities for the period ending June 30, 2012:

- **Hold final TRC review for construction plans in preparation for advertising per the developer agreement.**
- **Await response from TxDOT regarding approval of applications, environmental documents and plans submitted to TxDOT for approval of construction portion in TxDOT ROW**

Project schedule:

- Consultant Selection – 2nd thru 3rd Quarter 2008.
- PER – 3rd Quarter 2008 thru 2nd Quarter 2010
- Design – 2nd Quarter 2011 thru 2nd Quarter 2012

Cowart Creek Diversion Project – Detention Pond & Diversion Ditch

Design Engineer: JKC & Associates, Inc.

Progress last period:

- **DD4 has continued excavation of the diversion ditch west of CR 143 as weather permits.**

Planned activities for the period ending June 30, 2012:

- DD4 to continue excavation of diversion channel, weather permitting.

Project Schedule:

- Diversion Ditch: Construction: 3rd Quarter 2011 – 3rd Quarter 2012

Cowart Creek Diversion Project – N/S Roadside Ditch Re-grades

Design Engineer: ESPA Corp

Progress last period:

- Consultant continued working to resolve utility conflicts on Wayne Dr and depth of cover issues on Holland.

Planned activities for the period ending June 30, 2012:

- **Receive 60% submittal.**

Project Schedule:

- Re-grade Roadside Ditches: Bid, award and begin construction – dependent upon progress of diversion ditch.

Cowart Creek Diversion Project – Pump Station

Design Engineer: Montgomery & Barnes, Inc.

Contractor: Reddico Construction Company CM: Jacobs

Billed to Date: **\$ 0.00** % Billed: **0**

Contract Days Used: **0** % of Contract Days: **0**

Progress last period:

- Pre-construction meeting on June 18, 2012.
- Pro-Trak: setup and trained all users
- **Notice to Proceed issued for June 28, 2012**
- Submittal reviews

Planned activities for the period ending July 2012:

- Continue submittal reviews
- Submit Centerpoint easement for Council approval
- Progress meeting 7/13/12 & 7/31/12

Project Schedule:

- Council Award: June 11, 2012
- NTP: June 28, 2012
- Scheduled Substantial Completion: March 24, 2013
- Pump station:
 - Bid: 2nd Quarter 2012.
 - Construction: 3rd Quarter 2012 – 2nd Quarter 2013

Old Alvin Road Water Line

Design Engineer: Charles D. Gooden Consulting Engineers, Inc.

Progress this period:

- **Circulated and reviewed 90% plans.**

Planned activities for the period ending July 31, 2012:

- Consultant to submit 100% plans and specifications along with responses to the 90% review.

Project Schedule:

- Consultant Selection – 4th Quarter 2010.
- Design/Acquisition – 1st Quarter 2011 thru 3rd Quarter 2012

SH 35 South Water Line

Design Engineer: HR Green, Inc.

Contractor: Reddico Construction Company CM: City of Pearland

Original Contract Amount: **\$262,529.25**

Billed to Date: **\$ 134,878.35**

% Billed: **51**

Contract Days Used: **13**

% of Contract Days: **22**

Progress this period:

- Installed waterline from north end of project to about Lionsclub
- North end tied to existing waterline.

Planned activities for the period ending July 31, 2012:

- **Contractor scheduled to substantially complete early, July 9.**
- Line test with written confirmation before tying to south end.
- Abandon 8" waterline with flowable fill.

Project Schedule:

- Bid opening: May 3, 2012
- Council Award: May 21, 2012
- NTP: June 6, 2012

Trail Connectivity Ph 1

Design Engineer: Clark Condon

Contractor: Millis Development & Construction, Inc. CM: Pearland Projects

Billed to Date: \$569,571.05 % Billed: 98.24

Contract Days Used: 186 % of Contract Days: 100

Progress this period:

- Final equipment for mid block crossing installed

Planned activities for the period ending June 30, 2012:

- Perform Final completion walk-thru. Process all close-out documents.

Project Schedule:

- Consultant Selection – 4th Quarter 2007.
- Design/Acquisition – 1st Quarter 2008 thru 4th Quarter 2010.
- Bid and Award – 3rd Quarter 2011
- Construction – 3rd Quarter 2011 thru 2nd Quarter 2012

Twin Creek Regional Lift Station

Design Engineer: Pate Engineers, Inc.

Progress this period:

- Attended Pre-con meeting on June 12, 2012.
- **Issued NTP on June 12, 2012.**

Planned activities for the period ending July 31, 2012:

- Contractor to mobilize and begin work.

Project Schedule:

- Consultant Selection – 4th Quarter 2010
- PER – 1st Quarter 2011 thru 3rd Quarter 2011
- Design – 3rd Quarter 2011 thru 2nd Quarter 2012
- Construction – 2nd Quarter 2012 thru 3rd Quarter 2013

Shadow Creek Ranch Park

Design Engineer: (designate) Cobb Fendley

Progress this period:

- **Staff working to develop a full scope of services for multiple discipline contract with civil engineering firm**

Planned activities for the period ending July 30, 2012:

- Resolve scope with primary consultant and review scopes of sub-consultants
- Possibly bringing Council Contract by the July 23 meeting

Project Schedule:

- Consultant Selection – Complete
 - Contracting by end of July
- Schematic Land Plan & Programming – end September 2012
- Design – start October 2012 to July 2013
- Construction – August 2013 to August 2014



City of Pearland

Projects Department

Monthly Projects Update

June 29, 2012

**Cullen Parkway Improvement
Highway 35 Reconstruction
Railroad Crossing Quiet Zone
Intelligent Traffic System**

**Prepared by:
Skipper Jones**

For Distribution to City Council

Cullen Parkway Improvement (Beltway 8 to FM 518)

Engineer: Design Engineers: TxDoT

Contractor: Hassell Construction

CM: TxDoT

Elapsed time: **171** Days

Progress this period:

Phase I Work within the City Limits

- TxDoT has scheduled the re-construction of the Hawk intersection to take place the week of July 9th. A full closure of this leg of the intersection is required, access traffic will be detoured to Hughes Ranch

Phase II Work north of City Limits

- Paving of southbound has begun from the north end of existing pavement just north of McHard to President
- Remainder (President to Beltway) scheduled for Monday night (7/2)
- Pouring fast-track paving in intersections
- Bridge complete
 - Approach and wideflange will be completed in the next two weeks

Planned Activities for period ending July. 31, 2012:

Phase II

- **Estimated traffic switch over to new lanes is planned for late August**

Project Schedule (Phase II)

- Street Preconstruction Conference Oct. 2011.
 - Official Start Date was Nov.,2011
 - Construction Contract Time, 16 months
 - Completion Date: February 2013

Public Safety Building

Design Engineer: JE Dunn/ Wilson Estes Police Architects

Design Builder: JE Dunn

CM: In House

Billed to Date: \$ **19,934,641**

% Billed: **100.27**

Contract Days Used: **786** to substantial completion

% of Contract Days: **100**

Progress this period:

- **The LEED review by the USGBC continues.** The Architect has completed work on adjustments to his submittals.
- Architectural firm attempting to collect chilled water temperature information to submit along with the rest of the HVAC data. This info must be taken in the field with certified instruments.

Highway 35 Reconstruction

Design Engineer: S&B Engineers & TxDOT,

Contractor: **Triple B Construction**

Billed to Date: \$

Contract Days Used:

CM: **TxDOT**

% Billed:

% of Contract Days:

Completion Date: June 2013

Progress this period:

- Paving work continues within the center and median lanes
 - Contractor continues to have trouble scheduling and receiving concrete for paving operations. This is a material shortage issue aggravated by a material trucking shortages
 - Trucking shortages are delaying the start of removal of remaining asphalt paving on northbound lanes which was scheduled to begin the week of June 18th
 - Traffic detour established for northbound traffic on Hwy 35 through the 518 intersection
 - Current configuration detours northbound traffic to center area of new pavement from FM518 to just north of Town Ditch.
 - This will be the first segment on north bound lanes to be reconstructed.
- Bridge work continuing
 - Work is continuing on all three bridges with the plan to complete each in series beginning with the Town Ditch crossing
- Drainage
 - Contractor is preparing to begin work on the storm trunk lines along the east side of the project.
 - Each of the three separate systems will have to start at their respective outfalls which are close by the existing temporary northbound traffic lanes. Contractor has asked for detours at each of the three bridges but, lane surface elevations may prevent this. TxDOT and the contractor are working on finding a resolution
- Walnut intersection
 - Signal equipment was scheduled to be delivered June 29. Signal contractor is ready and waiting and aware of the priority the City has placed on this intersection.
 - The City has a spare signal cabinet and controller equipment in stock if this equipment is delayed or the only outstanding issue.
 - **With the equipment in hand the contractor can complete this in three weeks**

Planned Activities for period ending July 31, 2012:

- **Contractor's efforts will be concentrated initially at the 518 intersection in an effort to complete this work as quickly as possible.**

- With the delays to the Orange closure, the contractor will concentrate on the 518 intersection then move to close the Jasmine intersection next and then Plum in sequence. This will provide time to accommodate the access issues at Orange.
- Planning is being revised to begin milling operations at the Orange intersection, moving north. Excavation to subgrade at that location would then open the way to providing direct access to Pearland Lumber for their delivery traffic which is too large to maneuver in from East Orange
- Drainage work on the east side of the project is pending an immediate start in early July. Discussion on how that work will be sequenced on still in progress

Railroad Crossing Quiet Zone

Design Engineer: **ARKK Engineers**

Contractor: **N/A**

Billed to Date: \$ 0.00

Contract Days Used: **14**

CM: **In House**

% Billed:

% of Contract Days:

Progress this period:

- **Executed design contract with consultant**
- Consultant has collected existing data and begun designs of the roadway crossing
- **Currently coordinating with BNSF**
- **Staff is working on agreement with BNSF to extend crossing panels to the north for the widened highway cross section**

Planned Activities for period ending July 31, 2012

- **Expecting to simultaneously submit preliminary drawing to TxDOT and BNSF before the end of the month.**

Intelligent Traffic System

Design Engineer: **AECOM and Wilber Smith**

Contractor: **N/A**

Billed to Date: \$ 0

Contract Days Used: **60**

CM:

% Billed: 0

% of Contract Days: 30

Progress this period:

Schematic drawings started early April

Design phase work in full progress

- Completed 60% plan submittal to TxDOT May 18
 - TxDOT Review conducted May 22
 - 60% project manual submitted May 29
- Completed 90% plans May 30 and conducted in house plan review same day
- Submitted 90% plans Tues.' June 5

- **Submitted 100% plans and project manual to TxDOT for Austin Review June 25**
- **Current cost estimate \$3.6 million**
- Currently working to identify alternative design for areas of the project that aerial attachment to Centerpoint poles may not be possible. Alternative designs required due to possibility that Centerpoint will not allow some of the planned pole attachments and underground option would be more expensive.

Planned Activities for period ending July 31, 2012

- **Receive and begin response to Austin review comments**
 - **TxDOT comments are not expected before the end of July**
- Insert any plan changes coming out of Pole Attachment permitting process with Centerpoint
- Make final adjustments to plans sheets and Special Conditions of the Contract to incorporate changes to the work.
- Complete information collection on Centerpoint poles and make submittals to Centerpoint for permitting
- Submit permit package to BNSF for additional areal crossing of Railroad tracks with new fiber optic cable.



Monthly Projects Update

June 28, 2012

Walnut/Veterans Reconstruction and Drainage Improvements
Fire Station #5-Kirby Drive
Fire Station #6-Lakes of Savannah
Orange Street Improvements
Town Ditch Phase III
McHard Road 16" Water Line and roadway PER
Westchester Sidewalk and Drainage
Walnut Lift Station

Prepared by:
Jennifer Lee

For Distribution to City Council

Walnut/Veterans Reconstruction & Drainage Improvements

Design Engineer: LJA Engineering

Contractor: Calco Contracting

CM: Costello Engineering

Contract Amount: **\$2,858,859.50**

Change Orders to Date: **\$94,497.55**

Adjusted Contract Total: **\$2,953,357.05**

% of Increase: **3.2**

Billed to Date: **\$ 2,931,072.82**

% Billed: **99**

Contract Duration: **310**

Contract Days Used: **300**

% of Contract Days: **100**

Additional Rain Days: **4**

Progress this period:

- The medians and ROW were mowed and have been placed on a schedule during the one year maintenance.
- The new traffic signal control cabinet should arrive June 29, 2012 and the installation should be complete and traffic signal operational by July 12, 2012
- Continue to rent the water barriers and barrels at the intersection.

Planned activities for the period ending July 31, 2012:

- Continue coordination between BNSF, TxDOT, Centerpoint, and AT&T to resolve remaining utility and traffic signal conflicts.
- Transfer the irrigation system to the city's account.

Project Schedule and Significant Milestones:

- **Project will not be closed out until the new Traffic Signal has been installed because of the block outs for the poles.**
- The new signal has started, but there will be delays waiting for concrete.

Fire Station #5-Kirby Drive

Design Architect: HBL Architects

Contractor: Crain Group

CM: N/A

Contract Amount: **\$1,805,000.00**

Change Orders to Date: **\$16,405.89**

Adjusted Contract Total: **\$1,830,136.54**

% of Increase: **< 1**

Billed to Date: **\$ 1,830,136.54**

% Billed: **100**

Contract Duration: **206 Days**

Contract Days Used: **252**

% of Contract Days: **100**

Additional Rain Days: **46**

Fire Station #5-Kirby Drive (cont.)

Progress this period:

- Continued meeting with the contractor, the architect, Building Maintenance, Fire Department staff, and Airflow Solutions, the Aeon unit installer to discuss the ongoing humidity issues.
- Airflow Design Solutions made modifications to the system in the dorm area of the building. These modifications were monitored for several weeks and there has been an improvement in the humidity levels in the affected area. The modifications included, reducing the outside air by 50%, and changing the AC unit to a two stage operation.
- The Siemens system will start to track trends to better evaluate the performance of the Aeon and AC units.

Planned activities for the period ending July 31, 2012:

- **Monitor the humidity levels.**
- **Addition modifications will be made to the part of the system that controls the temperature and humidity in the kitchen/dayroom area next.**

Project Schedule:

- Project is complete.

Fire Station #6-Lakes of Savannah

Architect: Joiner Partnership, Inc.

Contractor: Frost Construction Company, Inc.

CM: N/A

Contract Amount: **N/A**

Change Orders to Date: **N/A**

Adjusted Contract Total: **N/A**

% of Increase: **0**

Billed to Date: \$ **0**

% Billed: **N/A**

Contract Duration: **N/A**

Contract Days Used: **0**

% of Contract Days: **N/A**

Additional Rain Days: **0**

Progress this period:

- Continued working through warranty issues.
- The trash dumpster was brought to the site.
- The extractor was installed per specifications, but it was later determined that there needed to be a hose extension for proper drainage. The hose was extended on June 25, 2012.

Planned activities for the period ending July 31, 2012:

- No activities planned

Project Schedule:

- **The project is complete.**

Orange Street Improvements

Design Engineer: GC Engineering
Contractor: Texas Sterling Construction Co.
Contract Amount: **\$4,515,742.00**
Change Orders to Date: **\$29,305.000**
Adjusted Contract Total: **\$4,545,047.00**
Billed to Date: **\$3,759,030.76**
Contract Duration: **397 Days (Substantial)**
Contract Days Used: **430**
Contract Days Extension: 45
Additional Rain Days:

CM: HDR/ Claunch & Miller

% of Increase: **0.6**

% Billed: **91**

% of Contract Days: **120**

Progress this period:

- Contractor continues to work through the punch list items.
- Met with the contractor on June 19, 2012 to continue to work towards resolving the outstanding issues.
- The contractor has satisfactorily completed approximately 85% of the action items. Remaining punch list items include, the inlets at SH 35, regrading the swale ditch, remove and replace the Town Ditch channel bottom, rehab of two inlets, and correcting the sidewalks and pavement that are nonconforming.
- The Material Engineer's letter defending the cracking concrete has not been received even though there have been two request for the document.
- GCE has re-designed the drainage at the intersection of Hatfield and Orange. The original design caused an unsafe drop-off from the sidewalk. The contractor has agreed to make the necessary corrections and bill the city for materials only.
- GCE has provided the contractor with comments for the inlet submittal for the Type C inlets with extensions at SH 35. Because the contractor installed the inlets without an approved submittal, the re-work will be done at the contractor's expense.
- The contractor has provided proposals to do work that have been categorized as extra work. These items were not included in the original design but are necessary to attain positive drainage, to prevent the erosion of sidewalks, and to avoid hazards that were created by the original design.

Planned activities for the period ending July 31, 2012:

- Continue to monitor the sidewalks on the north side of Orange between San Antonio and Mykawa to see if they return to the planned elevation.
- Attend a meeting on July 2, in an effort to resolve the cracked pavement and non-conforming sidewalk issues.

Project Schedule:

- Construction to begin in January 2011.
- Project is substantially completion.

Town Ditch Phase III

Design Engineer: Jacobs Engineering Group, Inc.

Contractor: Crossroads Industries, Inc.

Contract Amount: **\$3,082,902.00**

Change Orders to Date: **\$0**

Adjusted Contract Total: **\$3,082,902.00**

Billed to Date: **\$ 2,789,149.40**

Contract Duration: **180 Days**

Contract Days Used: **258**

Additional Rain Days: **77**

CM: HDR/ Claunch & Miller

% of Increase: **0**

% Billed: **90.47**

% of Contract Days: **140**

Progress this period:

- **The hydro-mulch that was re-applied has not started growing yet.**

Planned activities for the period ending July 31, 2012:

- **Acceptance of the hydro-mulch seeding by BD4.**

Project Schedule:

- The project is essentially complete with the exception of vegetation growth.

McHard Road 16" Water Line and Roadway PER

Progress this period:

- Attended monthly progress meeting.
- Met with CDM and the City of Pearland's Planning Department staff to discuss discrepancies in the population projection. Planning Department staff is to revised the projection numbers to be incorporated in the Water Model.
- Approximately 80% of the ROE requests have been signed and returned by the property owners.
- The survey work is complete.

Planned activities for the period ending July 31, 2012:

- Prepare and attend a monthly progress meeting.
- Review CDM's progress on the revised Water Model.
- Review GC Engineering's progress on the H&H.
- Begin utility coordination.

Project Schedule:

- Project design is scheduled for twenty-four months.

Westchester Sidewalks and Drainage Project

Progress this period:

- Received proposal from GC Engineering.

Planned activities for the period ending July 31, 2012:

- Sign contract with engineering consultant.
- Begin project survey.
- Establish project schedule.

Project Schedule:

Walnut Street Lift Station

Progress this period:

- Requested a revised proposal from GC Engineering, but have not received it yet.

Planned activities for the period ending July 31, 2012:

- Hold project Kick-off meeting.
- Modify Utility Scope of Services.
- Establish budget and schedule.

Project Schedule:



City of Pearland

Projects Department

Monthly Projects Update

June 28, 2012

**South gate/Cypress Village Park
SH 35 Fill Mitigation Ponds
Longwood Wastewater Plant
Barry Rose Wastewater Plant**

**Prepared by:
Cuong Le**

For Distribution to City Council

Southgate and Cypress Village Parks

Design Architect: **Landesign Group**

Contractor: **AI-Earth**

Billed to Date: **\$ 0.00**

Contract Days Used: **0**

CM: **City of Pearland**

% Billed: **0**

% of Contract Days: **10**

Progress last period:

- 2" water meter ordered and received

Planned activities for the period ending July 2012:

- **Council award**
- **Pre-construction meeting July 12, 2012**

Project Schedule:

- Bid date: May 17, 2012
- Council Award: July 9, 2012
- Substantial Completion: 120 days

SH 35 Fill Mitigation at Hickory Slough & Clear Creek

Design Engineer: S&B Infrastructure

Contractor: Lindsey Construction, Inc.

Original Contract Amount: **\$519,211.00**

Billed to Date: **\$ 465,571.00**

Contract Days Used: **120**

CM: City of Pearland

% Billed: **93.3**

% of Contract Days: **100**

Progress this period:

- 85% grass germination
- Staff and engineer verifying Clear Creek volume

Planned Activities for period ending July 31, 2012:

- Final completion walk through after grass germinates at 95%
- Contractor demobilize.
- Close out project.

Project Schedule

- Contract Awarded: January 1, 2012
- Construction NTP issued January 23, 2012
- Actual Substantial Completion May 8, 2012 (completed early)
- Scheduled Substantial completion May 21, 2012

Longwood Wastewater Treatment Plant

Design Engineer: Malcolm Pernie / ARCADIS

Contractor: **RP Constructors, Inc.** CM: Arcadis/ Malcom Pernie

Billed to Date: **\$ 0.00** % Billed: **0**

Contract Days Used: **60** % of Contract Days: **16.4**

Progress this period:

- Construction trailer on-site
- **Foundation for thickener started**
- **Contractor on schedule with equipment submittals and major equipment buy out**

Planned Activities for period ending July 31, 2012:

- Continue submittals review
- Scheduled progress meeting for July 26, 2012
- Contractor is planning to begin some of the initial underground piping and may install temporary piping to assist by-pass pumping later
- Continue to monitor Contractor's issuance of PO's for equipment purchases

Project Schedule

- Design NTP issued May 2, 2011
- Bid April 2012 - Early by one month
- Pre-Construction Meeting April 20, 2012
- Contractor NTP April 30, 2012

Design Architect	Binkley & Barfield			WW1004 (121436)
Contractor	JTR Construction, Inc.	CM	Binkley & Barfield	
Pay Period	(05-26-2012)-(06-25-2012)			
Original Contract Amount	\$3,143,020.00			
Change Order to date Amount	\$0.00			
Adjusted Contract Amount	\$3,143,020.00	% of Increase	0	
Billed to Date Amount	\$137,820.00	%Billed	4.38	
Original Contract Days	360			
Change Order Days	0			
Contract Duration	360			
Contract Days Used	90	%Contract Days	25	
Contract Days Remaining	270			
Additional Rain Days	2			

Progress this period

- * 3rd progress meeting held June 28, 2012
- * Contractor on schedule with equipment submittals and major equipment buy out

Planned activities for this period ending 07/25/2012

- * Construction trailer scheduled for week of July 9, 2012
- * 4th progress meeting July 26, 2012
- * **Begin demolition of thickener**

Project Schedule

- * Design of improvements complete November, 2011
- * Bid Phase January, 2012
- * Award Construction Contract March 12, 2012
- * NTP issued for March 26, 2012
- * Scheduled Construction Complete March 2013
- * Contract Closed out May 4, 2012