

# WEBB COUNTY ENGINEERING DEPARTMENT

Status Report – April 25, 2016

**Luis Perez Garcia, County Engineer/Utilities Director/Building Maintenance Director**

## Engineering

Department/Location	Project	Date Set for Completion/Status
<b>Little Palomino Head Start - Overhead Issues</b>	AEP will be conduct a study as to the proper voltage needed to prevent overloads. Building has added a walk-in freezer and other equipment that may be causing overloads. Work to be done in-house if possible. (AEP Representative, Lino Villarreal)	4/30/2016 On-going pending AEP schedule, no date as of yet
<b>Webb County Jail Chiller - Overload Issues</b>	AEP is reviewing equipment on hand and will study the layout to prevent the overload that is occurring with the lights causing them to turn off and engage chiller generator. AEP Representative is requesting that their own inspector review the transformer for any extra line connections to be installed in order to bypass the junction box and connect the chiller with its own power supply from the transformer. Work will be done in-house if possible. (AEP Representative, Lino Villarreal)	4/30/2016 On-going pending AEP schedule, no date as of yet
<b>Off-System Bridge Program TxDOT Funding Project 100% and staff inspecting contractor's work</b>	Currently TxDOT is funding and repairing two bridges: (1) CSJ: 0922-33-113 - Lincoln Rd. at Becerra Creek (2) CSJ: 0922-33-155 - Mines Rd. at Espada Creek - No Financial Impact to Webb County)	On-going no date as of yet
<b>Texas Parks &amp; Wildlife Law Enforcement Building</b>	Engineering Department was contacted last month by the Game Warden Captain Mike Durand concerning the water meter and electric meter. Mr. Durand mentioned that the County is responsible for paying the utility bills and up-keep of the landscape and office building. The contract was signed and dated on 9/1/2009 by the former County Judge Danny Valdez. The water meter was never removed/replaced from the existing main line and a new meter is required including tapping into the water main line along Loop 20. At this time we are working with the City of Laredo to correct this issue and to get approval to work on the new water meter line connection so that the Building Maintenance Department can do the work in-house. We are currently having issues acquiring the building permit for connection.	On-going, pending approval form City of Laredo building permit department no date as of yet
<b>USDA Mines Road - Cattle Dipping Vat Requesting the installation of a 14' sheet metal fence</b>	USDA Agent Steve Jenkins contacted the Engineering Department regarding the existing old buildings on the property located on Mines Road. He would like to have them removed, but the buildings may have asbestos shingles, these buildings are old and dilapidated. We asked him regarding funding. We are currently waiting for an answer from him as to the amount that they are willing to help with for the removal/disposal of the materials. Abatement Plan is required, as well as inspection of property, lab testing of material from a certified contractor and any other cost associated with this project.	On-going no date as of yet
<b>Fernando Salinas Community Center</b>	Pending items: Carpet, Paint touch-up, Paint A/C cages, floor tile, Sprinkler system, Elevator, Electrical, Ceiling Tile, Glass replacement, Fencing, Exterior railing, Irrigation, Landscaping and Front pavers. A meeting has been scheduled with Engineering, Contractor and Architect to go over the last pay request. A deduct Change Order is being worked on to reduce all items that are not on-going.	Overdue
<b>TexMex Demolition</b>	Building has been brought down and concrete and steel waste is being hulled away. Concrete floor is still pending demolition. RFQ's are being requested for study for this site.	Work is on schedule

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<b>New Webb County Fire Station</b>	80% site grade work is completed. Foundation is formed with rough-in plumbing and electrical. Compaction is pending on plumbing trenches. Contactor is still pending grading plan for drive to existing truck shed from Architect. Contractor has submitted quotes for truck shed slab, 25' x 60' entry street paving ad hose rack credit. Pending Contractor's credit for north entry radius and connecting sewer to existing MH southeast of building. Project signs are being installed.	Work is on schedule
<b>CSCD/PAL Hwy 83 South</b>	Pending items: ADA Correction to violations, weather stripping northeast front door and some punch list items. PALS is requesting paint to touch-up walls and floor. New teller window by Building Maintenance Department.	Completion is overdue
<b>Courthouse Annex</b>	Basement area to be filled by Road & Bridge - Pending City of Laredo Permit. Material on-hand.	Three week timeline
<b>Mirando Community Center Septic Tie-in to City System</b>	Pending Crane Engineering cost review	
<b>Casa Blanca Dam Slope &amp; Golf Course Clearing</b>	Pending price quote from Allscape. Have requested equipment pricing on mulching head.	
<b>Golf Course Kitchen Hood Fire System</b>	Verifying price quote to repair system.	
<b>Old Juvenile A/C Thermostat Repair</b>	Pending Building Maintenance to assign HVAC staff work.	
<b>ADA Project - County Clerk's office and the Veteran's Office</b>	Purchase Orders have been received. Project Coordinator (TAMIU Intern) currently coordinating with contact personnel at the Clerk's office and Veteran's office. Vendors have been sent copies of Purchase Orders. In addition, coordination with Webb County's Master Electrician has been done.	Coordination with vendors and site contact personnel. Duration of project will be: 2 to 3 weeks.
<b>Hachar-Reuthinger Project</b>	Currently working on RFP's	
<b>Espejo-Gates Project</b>	Finished reviewing Plans. Working on RFP packets for Purchasing Department.	
<b>Aguilares Rail Road Closure Grant</b>	Sent information to TxDOT and was approved. Pending response from TxDOT and Kansas City Southern Railroad (KCS) on agreement letter.	Pending

### **Roadway Right-of-Way Acquisitions**

<b>Acquisitions</b>	<p>Camino Los Centenarios US 59 - ROW surveys 100% complete; Title Reports 100% complete, 2 agreements to donate pending (66 acquired); 2 ROWS pending (66 acquired)</p> <p>Camino Guanajuato US 59 - ROW surveys 100% complete; Title Reports 47% complete, 11 agreements to donate pending (29 acquired); 31 ROWS pending (9 acquired)</p> <p>Camino Reforma US 59 - ROW surveys 100% complete; Title Reports pending, 11 agreements to donate pending (48 acquired); 32 ROWS pending (27 acquired)</p> <p>Camino Los Arcos US59 - ROW surveys 100% complete; Title Reports pending, 16 agreements to donate pending (38 acquired); 52 ROWS pending (2 acquired)</p> <p>7 Other Roads US 59 - ROW surveys 100% complete; Title Reports pending, Approximately 280 agreements to donate ROWS are pending</p>	N/A
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<b>Roadway Right-of Way Acquisitions</b>	<p>Ranch Road 6073 A La Presa Subdivision - 100% Complete; acquired and accepted</p> <p>Ranch Road 6073 B La Presa Subdivision - ROW surveys 99% complete; 1 Title Report pending, 1 agreement to donate pending (2 acquired); 1 ROW pending (2 acquired)</p> <p>Ranch Road 6073 C La Presa Subdivision - ROW surveys 100% complete; 1 Title Report 51% complete, 18 agreements to donate pending (29 acquired); 26 ROWS pending (21 acquired)</p> <p>Ranch Road 6073 D La Presa Subdivision - ROW surveys 100% complete; Title Report 65% pending, 2 agreements to donate pending (1 acquired); 2 ROWS pending (1 ROW acquired and accepted)</p> <p>Ranch Road 6083 D La Presa Subdivision - ROW surveys 100% complete; 1 ROW pending (10 acquired)</p>	N/A

**Utilities Department**

<b>UV Disinfection - Water</b>	<p>Engineering encumbered, Construction Encumbered, awaiting approval by TCEQ to commence construction project.</p> <p>Addition requests made by TCEQ being gathered by LNV Engineering. Expect turnaround of approval by beginning of May.</p>	In Construction
<b>Liquid Ammonia Sulfate (LAS) Installation - Water</b>	<p>Engineering encumbered, Construction Encumbered, awaiting approval by TCEQ to commence construction.</p> <p>LNV Engineering pending completion of submittal package by 4/22/16.</p>	In Construction
<b>HSPS Pump Repair - Water</b>	Awaiting approval from TCEQ for pump selection a commencing with installation.	In Construction
<b>Polymer Pump Repair - Water</b>	Units received at plant and installed. Expect invoice from vendor in next week.	In Construction
<b>Transfer Pump Rehab - Water</b>	Vendor has completed 3 of 4 transfer pump rehabs.	In Construction
<b>SCADA Repair - Water</b>	Vendor has still pending the change out of PLC programming.	In Construction
<b>Blower Repair - Sewer</b>	Emergency Blower has been received and is in the process of being installed. Second replacement Blower is on order.	In Construction
<b>Raw Water Motor Repair - Water</b>	Motors have been ordered and scheduled to arrive by mid-May.	In Construction
<b>Raw Water Pump Rehab - Water</b>	Second pump rehabilitation almost complete.	In Construction
<b>LS Alarm Communication - Sewer</b>	Recommending action in April 25 <sup>th</sup> , 2016 meeting.	In Construction
<b>Valve &amp; Actuator Repair - Water</b>	Specifications being developed for bidding process	In Development/ Engineering
<b>Warehouse Shop Building - Water/Sewer</b>	Specifications being requested to re-bid this project.	In Development/ Engineering
<b>LS Rehab Project - Sewer</b>	Rehab project is under 90% completion with LNV Engineering	In Development/ Engineering
<b>RMP Project Implementation - Water/Sewer</b>	Purchase Order obtained and agreement approved. We are expected to commence the week of 4/25/16	In Development/ Engineering

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<b>Liquid Ammonia Sulfate (LAS) Submittal Prep - Water</b>	Funds have been encumbered and awaiting contract from LNV for execution of agreement. Project is proceeding with LNV without their contract.	In Development/ Engineering
<b>Non-Rate Tariff Amendments</b>	Fees and penalties amended and established to compensate current day costs and practices for delinquent and theft of water conditions.	In review Committee
<b>Multiple Connection Enforcement</b>	Program to separate customer accounts into multiple metered accounts as required by Tariff. This program has the estimated potential on the conservative side of recovering approximately \$15,000 dollars per month (\$180,000 annually)	Requesting Approval to Proceed
<b>Grease Control Program</b>	Implementation of required Grease Trap protection on facilities with significant grease discharge. This program will alleviate our expenditures emergency response and equipment failure due to excessive grease discharge into the Collection System.	Identification of Authority
<b>Automatic Metering Reading</b>	This program installation of new meters at an estimated investment of \$360,000 can provide us with immediate return of the illicit connections and unauthorized consumption of water.	Pending Performance Contract Approval Decision
<b>High Consumption Customer Evaluation</b>	Installation of new highly efficient recordation of water consumption for two (2) of our high consuming (Detention Centers).	Obtaining pricing on meters

**Building Maintenance/Facilities**

<b>MIS-Conference room</b>	Work consists of building two walls to enclose the conference area. It will also involve the electricians to run cable and installing service outlets for data and electricity.	In progress
<b>CSCD Building</b>	Building of Teller window.	In progress
<b>Golf Course</b>	Parks & Grounds are trenching and estimated 100 yards to run electrical wire and conduit to connect the existing water well.	In progress
<b>Sheriff Department</b>	Providing support due to annual inspection by checking and repairing toilets and lights.	In progress
<b>Justice Center</b>	Patching (tar) roof.	In progress
<b>Justice Center</b>	Floors have been stripped and polished.	In progress
<b>Justice Center</b>	Painting wall trim molding on all floors	In progress
<b>Justice Center- Central Jury Room and three adjacent offices</b>	98% Painted	In progress
<b>Billy Hall Administration Building</b>	Patching (tar) roof.	In progress
<b>County Courthouse</b>	Parks & Grounds have replaces 50% of the grass.	In progress
<b>County Attorney</b>	Construction of an additional office - 95% completed.	In progress
<b>Tax Office</b>	Painting of exterior wall under the Parking Lot roof is 90% completed. Employees worked on April 16 2016 to get this done.	In progress
<b>Custodial Personnel</b>	A program has been put in place for the polishing of floors and shampooing of rugs in County Buildings	In progress
<b>HVAC</b>	A program has been put in place for the washing of all evaporators in County Buildings. Starting with the County Courthouse and moving to the Justice Center. Evaporators at the Justice Center will be washed on Saturdays since the A/C System has to be off.	In progress

**Other Utilities Projects:****Others:***SCADA Upgrade**Package Plant Rehab**SBR Actuator Rep**Danubio Collector Repair**De Neva Collector Repair**Thickener / Digester Repair**Belt Press Repair*

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