



Luce Bayou Interbasin Transfer Project

Coastal Water Authority
October 2009 Board Meeting

AECOM



Luce Bayou Interbasin Transfer Project

- Environmental and Permitting
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- ROW Acquisition
- Schedule
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- HUB/MWDBE Participation
- Stakeholder Communication



Environmental and Permitting

- Met with USACOE on September 17 to finalize approach to assess habitat value for mitigation and impacts along alignment.
- Approximately 189 acres of wetlands are estimated to be impacted. Some minimal refinement still needed to finalize estimate.
- USACOE will not take jurisdiction of agricultural field wetlands based on crop history and man-induced hydrology by irrigation.



Environmental and Permitting

- Conducted interagency field trip on September 22 to the Harrison Tract.
- Texas Parks and Wildlife Department agreed that Harrison Tract is good mitigation property for project.
- Wetlands mitigation report for Harrison Tract provided to CWA for review.



Environmental and Permitting

- Completed historic and archeological survey on Mays property.
- Environmental surveys for parcels with “Right of Entry” approval and existing final alignment are 95% complete.
- “Habitat Function and Value Assessment Report” under development.



Engineering

- Refined plan and profile drawings for canal and pipeline in preparation for PER.
- Completed preliminary development of drainage area delineation and map.
- Met with Liberty County representatives, HCFCD, manufacturers, subconsultants, and private land owners to coordinate ongoing project alignment and design considerations.



Engineering

- Developed project memorandum outlining design criteria and design assumptions.
- Developed preliminary outfall structure details.
- Evaluated and revised project earthwork based on updated geotechnical information.



Engineering

- Refined exhibits for the pump station plan and section.
- Developed two alternatives for the pump discharge header.
- Developed sediment removal and handling alternatives.



Engineering

- Refined technical memorandums, calculation appendices, and reference data for inclusion in the PER.
- Conducted an internal quality control workshop for the current draft of the PER.



ROW Acquisition

- Commissioners Hearing completed for condemnation of parcels 53 and 54.
- Acquired Right-of-Entry for all remaining parcels affected by proposed ROW.
- Condemnation petitions filed for parcels 50 and 51. Hearing dates established for parcels 3, 4, 4.5, and 52.



ROW Acquisition

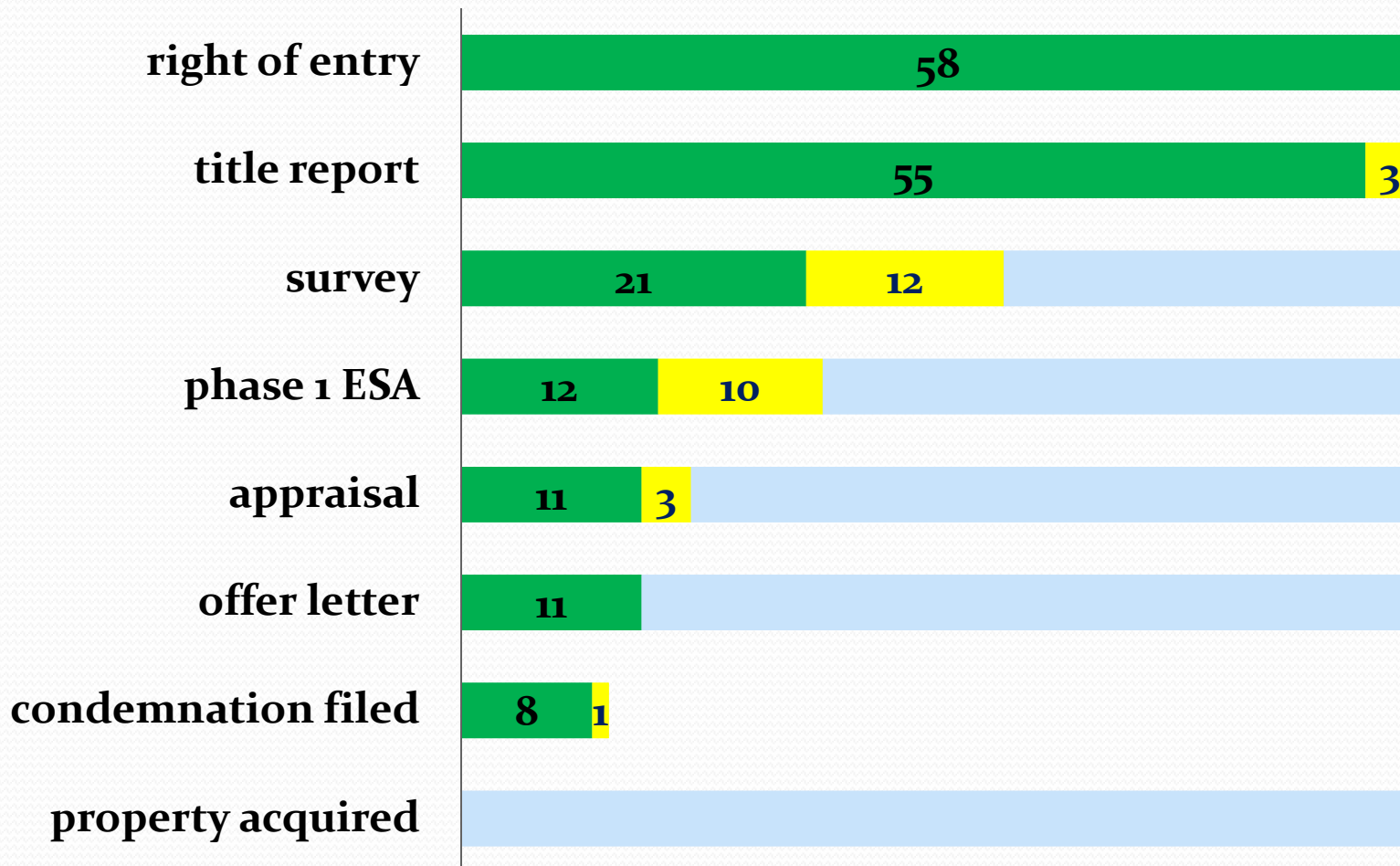
- Completed boundary surveys for parcels 3.5, 40, and 41.
- Continued boundary surveying, appraisals, and Phase I environmental work on remaining priority “B” parcels.
- Updated property acquisition database.



ROW Acquisition

Status (number of parcels completed or in progress)

■ completed ■ in progress ■ remaining to complete





Schedule

Begin tasks in "Work Order No. 7"	March 11, 2009
Resolution of Take Point	Completed June 2009
Complete property boundary surveying/acquisition	To be determined
Complete environmental field work	December 31, 2009
Complete Preliminary Engineering in support of 404 Submittal	March 31, 2010
Joint Evaluation Meeting	October 2009
Submit 404 Application to USACOE	March 31, 2010
Receive USACOE 404 Permit	September 2011 to March 2012



AECOM Team Members

- WCW International
 - Crouch Environmental
 - J.J. Wagner
 - Robert McFarlane
 - Roger Moore
 - Desco
 - Quadrant
- Isani Group
 - Adept
- RBI
- Fugro
- Universal Field Services
 - Integra
- John Griffin
- Baird
- Espey
- Entech
- HVJ



MWDBE-HUB Participation (Through September 2009)

Firm	Billings	Percent of AECOM Billings
WCW International	\$888,495	9.99%
Isani Group -Adept	\$619,085	6.96%
RBI	\$275,442	3.10%
HVJ	\$80,511	.90%
Tolunay-Wong	\$10,200	.11%
Total	\$1,873,733	21.06%



“Work Order” Summary

Work Order	Authorized	Expended	Status
One	\$200,000	\$200,000	Closed
Two	\$825,000	\$599,127	Closed
Three	\$830,000	\$546,152	Closed
Four	\$163,000	\$163,000	Closed
Five	\$840,000	\$801,773	Closed
Six	\$2,000,000	\$1,970,978	Closed
Seven	\$10,105,500	\$4,615,301	Ongoing
Totals	\$14,963,500	\$8,896,331	



Stakeholder Communications

- Teleconference conducted on October 6.
 - COH to schedule meeting with Stakeholders to discuss “direct connect” to NEWPP.
 - Discussed TRC meeting to review PER.
 - PER “draft” to be distributed in October.
 - TRC to be scheduled for mid-November.
- Next teleconference scheduled for November 10.