

Project Summary for December 2002 FEMA TA-04 (EMT-2001-CA-0091)

Project: FEMA TA-04

Project No.: 1003012 (FEMA TA-04)
/1003010 (Master Plan Development)

Description: **TA-04** A joint mapping project between the LCRA and FEMA to: perform floodplain mapping within Wharton and Bastrop Counties; and develop a long term Map Master Plan. The Master Plan will assess and prioritize mapping needs within the basin and develop a plan for map maintenance.

Project Manager: Melinda Luna

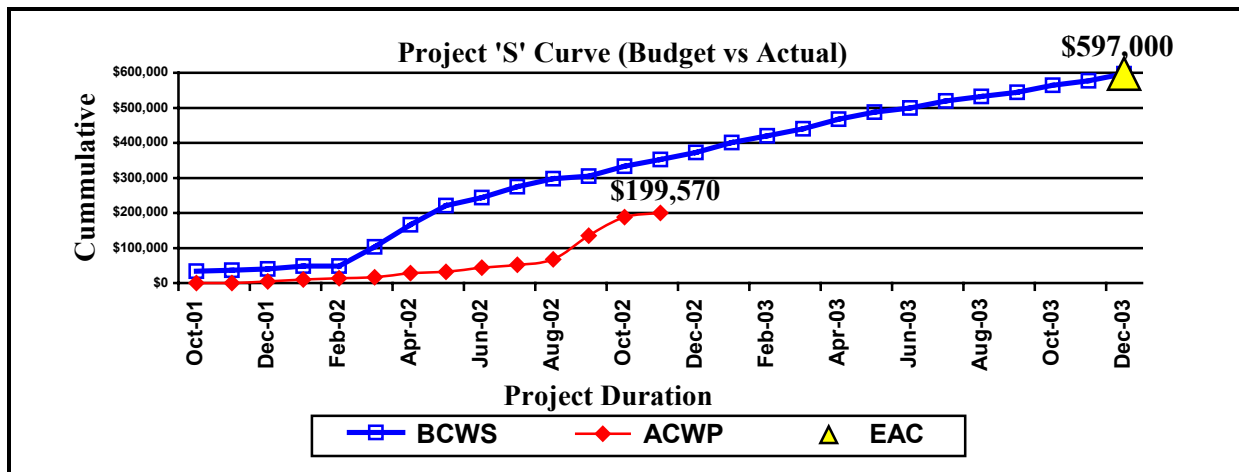
UFS File No.: 11.05.05

Major Contracts/Purchase Orders:

1	Vendor	Contract	Invoice to date	Amt Remaining
2	Half Associates	\$478,000	\$98,860	\$379,140
3	Juch Inc	\$76,000	\$37,948	\$38,052
4				
5				
Totals		\$554,000	\$136,808	\$417,192

Financial Summary: December 2002_(Data Period)

EAC (Estimate At Completion): **\$597,000**



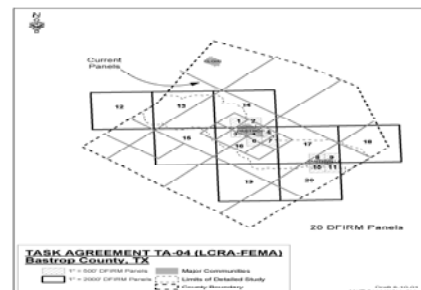
CURRENT FINANCIAL DATA	Dec-02	FISCAL YEAR 2003	INCEPTION TO DATE
BCWS (Budgeted Cost of Work Scheduled)	\$19,780	\$78,516	\$352,855
ACWP (Actual Cost of Work Performed)	\$11,123	\$155,281	\$199,570
Cost Variance Amount (CV = BCWS - ACWP)	\$8,656	(\$76,765)	\$153,285
Cost Variance Percent (% = CV / BCWS)	44%	-98%	43%
Total Encumbered Cost on Open Purchase Orders			
Percent of Budget Spent			33%

Cost Variance Analysis:

➤ Expenditures are approximately 35% of plan.

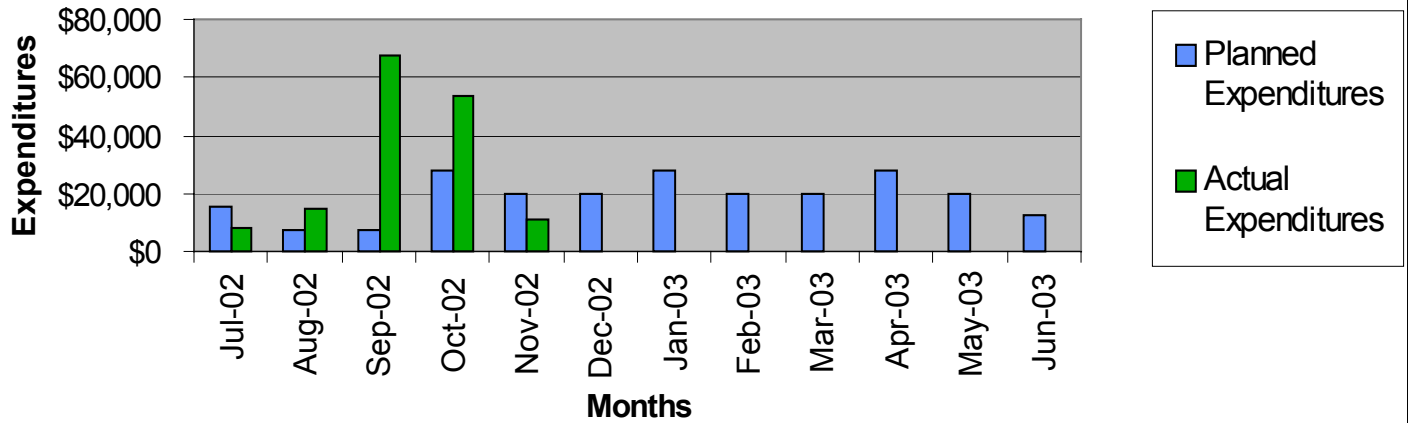
Critical Issues:

➤ Awaiting approval from FEMA on unsteady floodways(HEC-RAS v3.1)



Bastrop County DFIRM Tiling

Fiscal Year Monthly Expenditures for FY 2003



Financial Analysis:

➤ No problems noted.

Work Completed this Month:

- Meeting with Corps and FEMA to present the basic hydraulic models.
- Received comments back from FEMA on basin wide TSDN
-

Project Schedule:

Estimated Completion Date: Dec 31, 2003

FEMA Mapping Grant TA-04 Plan

ID	Task Name	Resource Name	Start	Finish	%Complete	2000		2001		2002		2003		2004	
						CB	Q4	Q1	Q2	CB	Q4	Q1	Q2	CB	Q4
0	1.TA_04		Mon 10/1/01	Wed 8/3/05	9%										
1	1 Activity 1: Project Mgmt/Prep Work Plan	Half	Wed 5/29/02	Fri 10/3/03	28%										
8	2 Activity 2: Select Engineering/Mapping Team	LCRA	Thu 11/1/01	Fri 3/22/02	100%										
25	3 Activity 3: Funding Requests	LCRA	Wed 8/21/02	Tue 10/1/02	0%										
26	4 Activity 4: Map Master Plan	Half	Wed 3/20/02	Fri 10/3/03	2%										
57	5 Activity 5: Development of Floodways	Half	Mon 6/10/02	Mon 3/10/03	0%										
73	6 Activity 6: Prep & Submit Tech Support Notebook	Half	Mon 3/25/02	Mon 7/21/03	1%										
97	7 Activity 7: DFRM Production	Half	Mon 10/1/01	Wed 8/3/05	0%										
128	8 Activity 8: Progress Meetings & Rpts	FEMA	Mon 10/1/01	Tue 12/2/03	28%										

Project Schedule Analysis:

➤ On schedule.

Work Planned For Next Month:

- Respond back to FEMA on basinwide TSDN comments
- Prepare a Draft Map Master plan to send out to TCRFC
- Continue work on Multiple profiles and Floodways for the Hydraulic Models
- Start preparing Countywide TSDNs



Best Practices Mapping Project

Progress Report for the Month of December 2002

Map Master Plan: A draft of the completed Map Master plan is to be submitted. A schedule of the review and review process was outlined and reviewers identified.

Development of Floodways: The work on the models continues. A meeting with FEMA (MCC also), Corps of Engineers, TCRFC representative and the TA04 team was held on December 2, 2002. The meeting was to “unveil” the models to get a first Responses from FEMA on the exception to standard hydraulic models. The decision to use RAS 3.1 unsteady was made in November. FEMA did not seem to have a problem with the decision and FEMA should submit a formal answer by April 2003. Work on the floodway portion of the models continues.

Technical Support Data Notebook -TSDN: FEMA is reviewing the basinwide TSDN. As the FEMA review progresses, questions are being answered on the assumptions and methodology of the basin wide TSDN.

DFIRM Production: Not much work is being done the DFIRM production.

Miscellaneous: The website www.tcrfcmapping.org continues to be updated. A draft copy of a technical information paper has been completed and is being reviewed by the team members. This paper explains the modeling decisions. This paper will be used in workshops scheduled for February for the engineers and floodplain administrators who will work with the effective FEMA models. Coordination efforts continue between Halff staff and the other county-wide analysis done by Watershed Concepts, FEMA’s contractor.