

REPORTING PERIOD: April 2003

I. PROGRESS**1.1 General Construction**

- a. Activity – Notice To Proceed was April 14, 2003. The Subcontractor installed silt fence mobilized, excavated to elevation 734 and continued supplying the CMO with submittals before the end of the month. The updated Whittaker Excavating Safety Plan was approved by Fermilab ES&H on 4/11/03.
- b. Hours worked –150 Approx.
- c. Cumulative hours worked – 150 approx.
- d. Subcontractor's schedule evaluation –Awaiting a new schedule submission
- e. Earned Value Reports – NA – without a cost loaded schedule or payment request wbs 1.1 earned value reporting is not applicable
- f. Engineering Change Proposals/ Requests – See latest ECP list on Website
- g. Upcoming issues –Earth retention system installation, schedule submission and base slab construction.
- h. Photographs:





1.2 Project Support

- a. Month of April was spent on review of submittals, field supervision and construction administration related activities.

SCHEDULE INFORMATION AND MILESTONES:

MILESTONE	DEFINITION	BASELINE	PEP Dates	Latest Estimates
Start Project	Directive signed	30 May 02	30 May 02	26 Jun 02 (actual)
T2 Design Complete	Contract documents submitted for procurement	15 Jan 03	15 Aug 02	15 Nov 02 (actual)
Begin Construction	Notice To Proceed Issued – Switch work	27 Jun 03	21 Nov 02	17 Jan 03 (actual)
Construction Complete	Final acceptance of all work	9 Jun 04	9 Dec 03	12 Mar 04
Project Complete	Project closed	30 Nov 04	10 Dec 03	12 Apr 04

II. Overall Project Cost Summary

		ORIGINAL BASELINE PROJECT COSTS (2001 dollars)		Cost Restructure 2/21/03	
1.1	General Construction		\$ 3,047,000		\$ 3,130,948
1.1.1	Construction W / 18% OHP		\$ 2,323,000		\$ 2,654,817
1.1.2	Construction Contingency	22%	\$ 511,000	\$ 373,904	14%
1.1.3	Construction G & A		\$ 83,000	\$ 102,227	
1.1.4	Escalation (4.6%)	4.6%	\$ 130,000	\$ 0	
1.2	Project Support		\$ 763,000		\$ 679,031
1.2.1	Project Engineering		\$ 465,000	\$ 461,687	
1.2.2	Project Support Contingency	21%	\$ 99,000	\$ 87,653	19%
1.2.3	Project Support G & A		\$ 166,000	\$ 129,691	
1.2.4	Escalation (4.6%)		\$ 33,000	\$ 0	
Total Project Cost			\$ 3,810,000	\$ 3,810,000	

NOTE THAT 1.1 AND 1.2 HAVE BEEN REDISTRIBUTED (2/21/03) TO REFLECT USE OF MUCH OF THE ESCALATION, ACTUAL FIXED PRICE CONSTRUCTION COSTS, AND A HIGHER CONTINGENCY.



ATTACHMENTS

See MI-31 website

<http://www-ap.fnal.gov/ecool/internal.html>

for the following:

TSR Report for 4-03

Cost Reports and Graphs for 4-03

Engineering Change Proposal List

Photographs

Task Summary Report by Expenditure Type ("TSR")

Period End: APR-03

Report on tasks: 1

A0201 - MI31 Ecooling Bldg

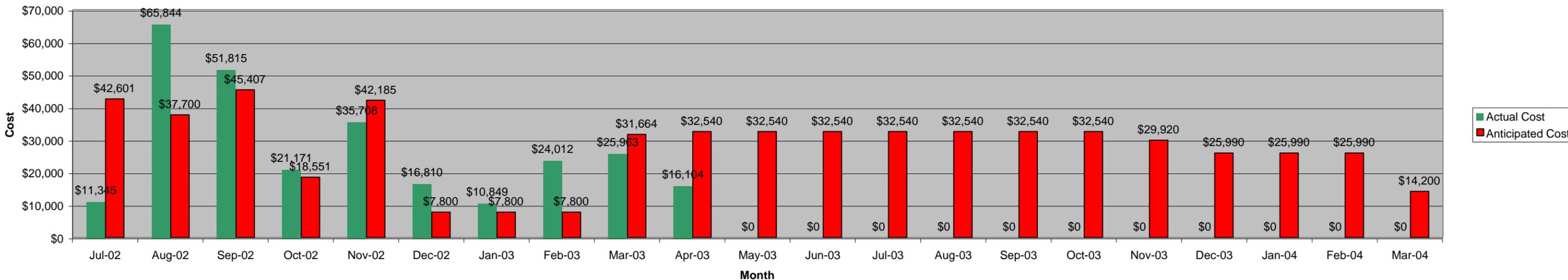
1 - MI31 Ecooling Bldg
Service Type: PL-EXST PRGM
SUPP-AIP

	Curr Month Costs	Curr YTD Costs	Curr YTD Obligations	Inception to Date Obligations	Inception to Date Costs	Reqs. in Process	Open Commitments
<u>Personnel Costs</u>							
FRINGE BENEFITS	284.55	-2,611.77	-2,611.77	1,159.51	1,159.51	0.00	0.00
OPTO ALLOC-MONTHLY	52.47	-244.58	-244.58	518.32	518.32	0.00	0.00
OPTO ALLOC-WEEKLY	0.00	-321.36	-321.36	65.96	65.96	0.00	0.00
OVERTIME	0.00	104.09	104.09	104.09	104.09	0.00	0.00
TIME WORKED -MONTHLY	807.25	-3,762.73	-3,762.73	5,883.34	5,883.34	0.00	0.00
TIME WORKED -WEEKLY	0.00	-3,570.57	-3,570.57	15.93	15.93	0.00	0.00
VAC EARNED ALLOC-MONTHLY	88.80	-413.90	-413.90	843.89	843.89	0.00	0.00
VAC EARNED ALLOC-WEEKLY	0.00	-392.77	-392.77	88.94	88.94	0.00	0.00
Personnel Costs	1,233.07	-11,213.59	-11,213.59	8,679.98	8,679.98	0.00	0.00
<u>Materials & Services</u>							
CIVIL CONSTRUCTION	0.00	0.00	38,076.00	38,076.00	0.00	0.00	38,076.00
CONSTRUCTION ENGINEERING	11,218.00	88,963.00	88,963.00	123,587.00	123,587.00	0.00	0.00
EXEMPT - CIVIL CONSTRUCTION	0.00	0.00	2,527,150.00	2,527,150.00	0.00	22,470.44	2,527,150.00
MATERIAL PURCHASES	20,357.00	20,357.00	20,357.00	20,357.00	20,357.00	0.00	0.00
SUB-CONTRACT SERVICES	304.00	25,848.00	38,868.00	108,805.48	95,785.48	0.00	13,020.00
T&M CONSTRUCTION SVCS.	0.00	5,481.32	5,481.32	5,481.32	5,481.32	0.00	0.00
T&M ELECTRICAL SERVICES	0.00	12,966.11	17,177.95	17,177.95	12,966.11	0.00	4,211.84
Materials & Services	31,879.00	153,615.43	2,736,073.27	2,840,634.75	258,176.91	22,470.44	2,582,457.84

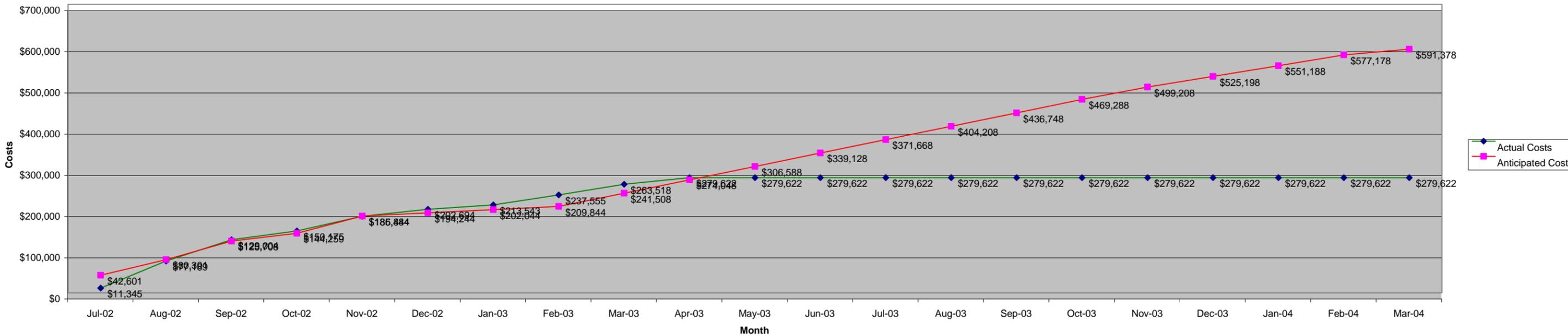
1 - MI31 Ecooling Bldg
Service Type: PL-EXST PRGM
SUPP-AIP

	Curr Month Costs	Curr YTD Costs	Curr YTD Obligations	Inception to Date Obligations	Inception to Date Costs	Reqs. in Process	Open Commitments
<u>Indirect Cost</u>							
CSS ALLOCATION	2,303.46	14,383.65	14,383.65	24,270.19	24,270.19	0.00	0.00
G&A ALLOCATION	0.00	0.00	0.00	12,216.15	12,216.15	0.00	0.00
G&A ALLOCATION-CSS PORTION	1,475.45	9,213.31	9,213.31	9,213.31	9,213.31	0.00	0.00
G&A ALLOCATION-M&S PORTION	2,179.73	6,820.82	6,820.82	6,820.82	6,820.82	0.00	0.00
MSA ALLOCATION	1,136.36	3,555.89	3,555.89	9,115.01	9,115.01	0.00	0.00
Indirect Cost	7,095.00	33,973.67	33,973.67	61,635.48	61,635.48	0.00	0.00
1 - MI31 Ecooling Bldg SUBTOTAL:	40,207.07	176,375.51	2,758,833.35	2,910,950.21	328,492.37	22,470.44	2,582,457.84
DIST. TO ACCOUNTS REC'BL:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UNDISTRIBUTED BALANCE:	40,207.07	176,375.51	2,758,833.35	2,910,950.21	328,492.37	22,470.44	2,582,457.84
<u>REPORT TOTALS</u>							
TOTAL PROJECT/TASK:	40,207.07	176,375.51	2,758,833.35	2,910,950.21	328,492.37	22,470.44	2,582,457.84
TOTAL DIST. ACCTS REC'BL:	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL UNDIST BALANCE:	40,207.07	176,375.51	2,758,833.35	2,910,950.21	328,492.37	22,470.44	2,582,457.84

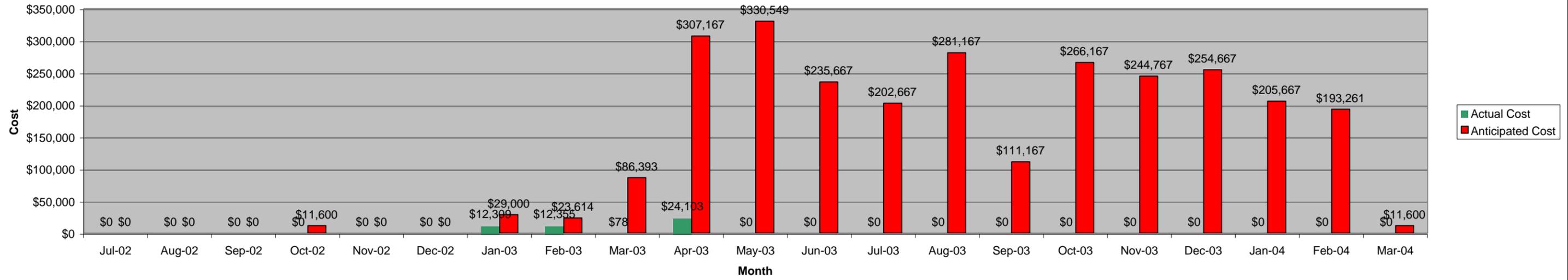
WBS 1.2 Monthly



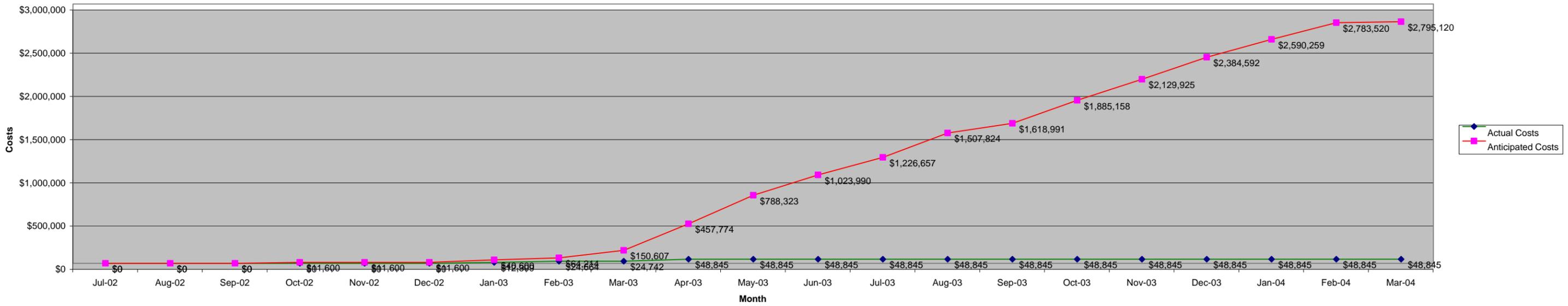
WBS 1.2 Cumulative



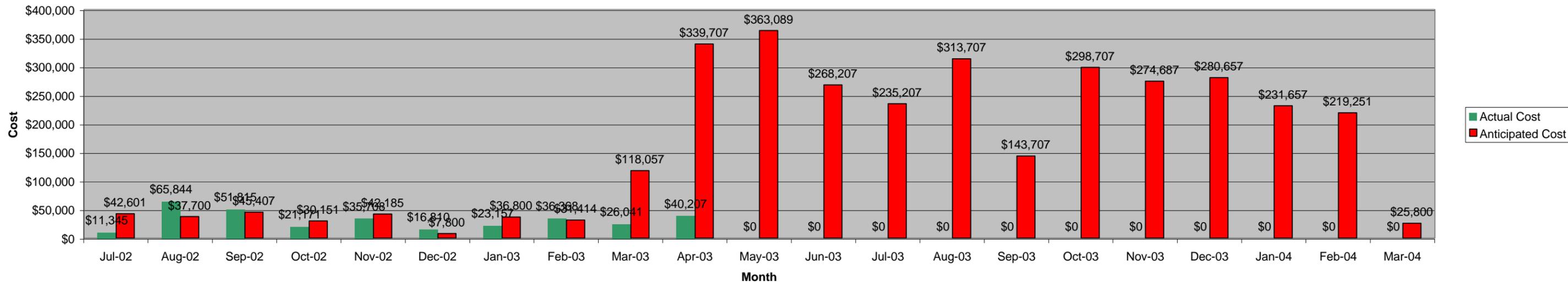
WBS 1.1 Monthly



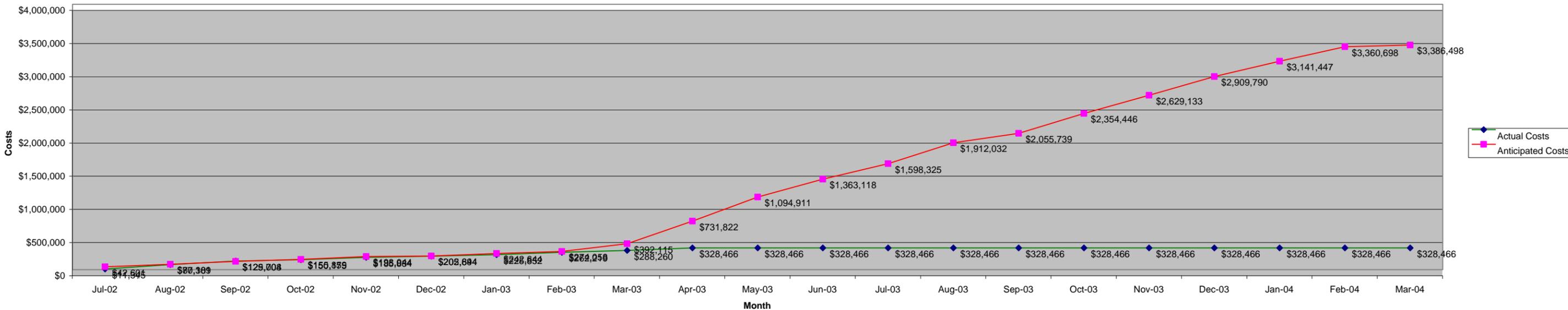
WBS 1.1 Cumulative



TPC Monthly



TPC Cumulative



5/13/2003

MI-31 Engineering Change List

ECP #	Description	Date Issued from CMO	Anticipated Credit, Extra or No Cost	Associated Sketch Number	Actual Credit, Extra or No Cost	Associated Payment Milestone	Overall Schedule Impact In Days	Whittaker Proposal Date	Accepted / Rejected or Pending	Req. #	Req. Approval Date	SA #	Date Work Complete	Comments
01	Holeless elevator instead of single cylinder elevator and add pit ladder	3/12/03	Extra - \$5000	SK-1...	\$19,390		0	4/17/03	Req. in process	163820	5/6/03	2		
01a	Full width doors on elevator	3/12/03	Extra - \$3000	SK-1...	\$3080		0	4/17/03	Req. in process	163822	5/6/03	2		
02	Watermain valve clarifications/ modifications and installation of flushing hydrants.	3/12/03	No Cost	SK-2	\$1665		1 wd	3/19/03	Accepted	163549	4/15/03	1		
03	Reduce shut down schedule from 6 weeks to 5 weeks	3/12/03	Extra - \$12,000	None	\$7257		0	3/28/03	Hold					May be required in the future. Directorate asked that we sit on this one for a while.
04	Earth retention changes – including bottom of soldier piles to elevation 698 and shielding distance of 18.4 feet.	3/12/03	No Cost	SK-4	\$0		1 wd	3/28/03	Accepted	---	4/4/03	1		
05	Temporary Bulkhead Door	3/21/03	Extra - \$7000	SK-5	\$10,231		0	4/14/03	Accepted	163802	4/25/03	1		
06	Modifications to MI Ducts	In process	Extra – \$5000 ??	SK-6			0		Pending					
07	Install 6 Atlas Piles at MI-30	From Subcontractor	Extra - \$25,000	See Excavation Plan Submittal	\$26,180		3 wd	3/28/03	Accepted	163420	5/1/03	1	5/7/03	Rush Requisition, added because excavation plan required supporting building. Approval by CCB required
08	Credit for Wall Panel Coating change – three coat system to two coat system	4/22/03	Credit – \$3500	None	-\$3500		0	4/25/03	Accepted	--	4/25/03	2		
09	Credit for substitute damp proofing product	4/22/03	Credit - \$7000	None	-\$7500		0	4/25/03	Accepted	--	4/25/03	2		
10	Temporary Work Platform on MI-30	5/5/03	Extra - \$3500	None					Pending					Required for maintenance of MI-30 HVAC units
11														
12														
13														

Project Impacts:
 Anticipated Subcontract Increase/Decrease = **\$56,803** **0 Days** based on all pending, in process and accepted ECPs
 Actual Subcontract Increase/Decrease = **\$49,546** **5 Days** based on all accepted ECPS