

REPORTING PERIOD: May 2003

## I. PROGRESS

### 1.1 General Construction

- a. Activity – Primary work activities included excavation and temporary earth retention wall construction. The directional drilling of domestic water line began near MI-8. An unmarked existing ICW line adjacent to MI-8 was struck and repaired. The ICW line south west of MI-30 was relocated. See photos below.
- b. Cumulative hours worked – 1381 hours through 5/31/03.
- c. Subcontractor's schedule evaluation – As of 05/31/03 the Subcontractor was approximately one week behind schedule primarily due to poor progress of installation of domestic water supply line. At end of May the Subcontractor had completed activities related to Milestone 1A and 1B. The Subcontractor's first payment update will not occur until mid June and will most likely include 1A and 1B. The cost loaded schedule including supplemental agreement number 1 engineering changes was approved on 5/29/03. Since information contained on the Subcontractors cost loaded schedule may be considered sensitive and or proprietary to the Subcontractor we are not including it herein. To review the Subcontractors cost loaded schedule please contact the Project Manager of Construction Manager. See attached earned value reports and section II of this report for an earned value analysis.
- d. Engineering Change Proposals/ Requests – See latest ECP list on Website. Supplemental Agreement number one and number two have been incorporated into the Subcontract. At this time the total subcontract amount is \$2,576,696 and the completion date is 03/22/04.
- e. Upcoming issues –Reinforcing bar installation and base slab construction. Domestic water supply installation will continue.
- f. Photographs:



# Task Summary Report by Expenditure Type ("TSR")

Period End: MAY-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                 | 234.96           | -2,376.82         | -2,376.82            | 1,394.46                      | 1,394.46                | 0.00             | 0.00                |
| OPTO ALLOC-MONTHLY              | -14.18           | -258.76           | -258.76              | 504.14                        | 504.14                  | 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            | 718.35           | -3,044.38         | -3,044.38            | 6,601.69                      | 6,601.69                | 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        | 79.02            | -334.88           | -334.88              | 922.91                        | 922.91                  | 0.00             | 0.00                |
| VAC EARNED ALLOC-WEEKLY         | 0.00             | -392.77           | -392.77              | 88.94                         | 88.94                   | 0.00             | 0.00                |
| <b>Personnel Costs</b>          | <b>1,018.15</b>  | <b>-10,195.45</b> | <b>-10,195.45</b>    | <b>9,698.12</b>               | <b>9,698.12</b>         | <b>0.00</b>      | <b>0.00</b>         |
| <u>Materials &amp; Services</u> |                  |                   |                      |                               |                         |                  |                     |
| CIVIL CONSTRUCTION              | 0.00             | 0.00              | 0.00                 | 0.00                          | 0.00                    | 4,610.00         | 0.00                |
| CONSTRUCTION ENGINEERING        | 22,791.00        | 111,754.00        | 111,754.00           | 146,378.00                    | 146,378.00              | 0.00             | 0.00                |
| EXEMPT - CIVIL CONSTRUCTION     | 0.00             | 0.00              | 2,576,696.00         | 2,576,696.00                  | 0.00                    | 0.00             | 2,576,696.00        |
| MATERIAL PURCHASES              | 13.11            | 20,370.11         | 20,370.11            | 20,370.11                     | 20,370.11               | 0.00             | 0.00                |
| SUB-CONTRACT SERVICES           | 870.00           | 26,718.00         | 38,544.00            | 108,481.48                    | 96,655.48               | 0.00             | 11,826.00           |
| 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         | 12,966.11            | 12,966.11                     | 12,966.11               | 0.00             | 0.00                |
| <b>Materials &amp; Services</b> | <b>23,674.11</b> | <b>177,289.54</b> | <b>2,765,811.54</b>  | <b>2,870,373.02</b>           | <b>281,851.02</b>       | <b>4,610.00</b>  | <b>2,588,522.00</b> |

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

Indirect Cost

|                                  | <b>Curr Month<br/>Costs</b> | <b>Curr YTD<br/>Costs</b> | <b>Curr YTD<br/>Obligations</b> | <b>Inception to<br/>Date<br/>Obligations</b> | <b>Inception to<br/>Date Costs</b> | <b>Reqs. in<br/>Process</b> | <b>Open<br/>Commitments</b> |
|----------------------------------|-----------------------------|---------------------------|---------------------------------|--|------------------------------------|-----------------------------|-----------------------------|
| CSS ALLOCATION                   | 4,404.71                    | 18,788.36                 | 18,788.36                       | 28,674.90                                    | 28,674.90                          | 0.00                        | 0.00                        |
| G&A ALLOCATION                   | 0.00                        | 0.01                      | 0.01                            | 12,216.16                                    | 12,216.16                          | 0.00                        | 0.00                        |
| G&A ALLOCATION-CSS PORTION       | 2,821.39                    | 12,034.70                 | 12,034.70                       | 12,034.70                                    | 12,034.70                          | 0.00                        | 0.00                        |
| G&A ALLOCATION-M&S PORTION       | 93.17                       | 6,913.99                  | 6,913.99                        | 6,913.99                                     | 6,913.99                           | 0.00                        | 0.00                        |
| MSA ALLOCATION                   | 48.58                       | 3,604.47                  | 3,604.47                        | 9,163.59                                     | 9,163.59                           | 0.00                        | 0.00                        |
| <b>Indirect Cost</b>             | <b>7,367.85</b>             | <b>41,341.53</b>          | <b>41,341.53</b>                | <b>69,003.34</b>                             | <b>69,003.34</b>                   | <b>0.00</b>                 | <b>0.00</b>                 |
| 1 - MI31 Ecooling Bldg SUBTOTAL: | 32,060.11                   | 208,435.62                | 2,796,957.62                    | 2,949,074.48                                 | 360,552.48                         | 4,610.00                    | 2,588,522.00                |
| DIST. TO ACCOUNTS REC'BL:        | 0.00                        | 0.00                      | 0.00                            | 0.00   | 0.00                               | 0.00                        | 0.00                        |
| <b>UNDISTRIBUTED BALANCE:</b>    | <b>32,060.11</b>            | <b>208,435.62</b>         | <b>2,796,957.62</b>             | <b>2,949,074.48</b>                          | <b>360,552.48</b>                  | <b>4,610.00</b>             | <b>2,588,522.00</b>         |
| <b><u>REPORT TOTALS</u></b>      |                             |                           |                                 |  |                                    |                             |                             |
| TOTAL PROJECT/TASK:              | 32,060.11                   | 208,435.62                | 2,796,957.62                    | 2,949,074.48                                 | 360,552.48                         | 4,610.00                    | 2,588,522.00                |
| TOTAL DIST. ACCTS REC'BL:        | 0.00                        | 0.00                      | 0.00                            | 0.00   | 0.00                               | 0.00                        | 0.00                        |
| <b>TOTAL UNDIST BALANCE:</b>     | <b>32,060.11</b>            | <b>208,435.62</b>         | <b>2,796,957.62</b>             | <b>2,949,074.48</b>                          | <b>360,552.48</b>                  | <b>4,610.00</b>             | <b>2,588,522.00</b>         |





## 1.2 Project Support

- a. Month of May 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<br>(actual) |
| T2 Design Complete    | Contract documents submitted for procurement | 15 Jan 03 | 15 Aug 02 | 15 Nov 02<br>(actual) |
| Begin Construction    | Notice To Proceed Issued – Switch work       | 27 Jun 03 | 21 Nov 02 | 17 Jan 03<br>(actual) |
| Construction Complete | Final acceptance of all work                 | 9 Jun 04  | 9 Dec 03  | 22 Mar 04             |
| Project Complete      | Project closed                               | 30 Nov 04 | 10 Dec 03 | 22 Apr 04             |

## II. Overall Project Cost Summary and Earned Value Analysis:

|                           |                                 | ORIGINAL BASELINE PROJECT COSTS (2001 dollars) | Latest Estimated Cost* |
|---------------------------|---------------------------------|--|------------------------|
| <b>1.1</b>                | <b>General Construction</b>     | <b>\$ 3,047,000</b>                            | <b>\$ 3,130,948</b>    |
| 1.1.1                     | Construction W / 18 % OHP       | \$ 2,323,000                                   | \$ 2,704,363           |
| 1.1.2                     | Construction Contingency 22%    | \$ 511,000                                     | \$ 324,358 12%         |
| 1.1.3                     | Construction G & A              | \$ 83,000                                      | \$ 102,227             |
| 1.1.4                     | Escalation (4.6%) 4.6%          | \$ 130,000                                     | \$ 0                   |
| <b>1.2</b>                | <b>Project Support</b>          | <b>\$ 763,000</b>                              | <b>\$ 679,031</b>      |
| 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                   |
| <b>Total Project Cost</b> |                                 | <b>\$ 3,810,000</b>                            | <b>\$ 3,810,000</b>    |

\*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. Includes Supplemental Agreements 1 and 2.

### TPC Earned Value Analysis as of May 31 2003 (based on earned value reports for May 2003):

1. The Schedule Variance is \$+92,114 indicating that we are behind schedule as stated above in 1.1c.
2. The Cost Variance is \$+5403 indicating that we are slightly over spending. This is primarily due to WBS 1.2 cost overruns that are anticipated decrease over the next few months.



## ATTACHMENTS

See MI-31 website

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

for the following:

TSR Report for 5-03

Earned Value Reports - Cost Reports and Graphs up to 5-03

Engineering Change Proposal List

Photographs

**BCWP**  
**MI-31 Spending Profile**  
**WBS 1.1 and 1.2**  
2002 dollars

| Title Source Type | WBS 1.2 Project Support |               |                    |             |             |                    |             |                    |             |                 |           |                |                   | WBS 1.1 Construction |               |                     |               |                |                |                      |                      |            |            |            |         |                    | Monthly Totals  | Cumulative Totals |         |                 |                 |                 |                 |                |                   |           |           |     |
|-------------------|-------------------------|---------------|--------------------|-------------|-------------|--------------------|-------------|--------------------|-------------|-----------------|-----------|----------------|-------------------|----------------------|---------------|---------------------|---------------|----------------|----------------|----------------------|----------------------|------------|------------|------------|---------|--------------------|-----------------|-------------------|---------|-----------------|-----------------|-----------------|-----------------|----------------|-------------------|-----------|-----------|-----|
|                   | ED&I                    |               |                    |             |             |                    | A           |                    |             |                 |           |                |                   | Subcontract          | Subcontract   | Subcontract         | Subcontract   | Switch conduit | Switch conduit | Transformer Purchase | Transformer Purchase | Cable Tray | Cable Tray | Cabling    | Cabling | Chiller            |                 |                   | Chiller | Shielding Steel | Shielding Steel | Shielding Steel | Shielding Steel | Inst.          | Shielding Steel   | Inst.     |           |     |
|                   | T2 Hanson Direct        | T2 Hanson G&A | T2 FESS Chargeback | T2 FESS G&A | T3 FESS M&S | T3 FESS Chargeback | T3 FESS G&A | T3 FESS Chargeback | T3 FESS G&A | T3 PM Salary TX | T3 PM G&A | Monthly Totals | Cumulative Totals | Whittaker Direct**   | Whittaker G&A | Whittaker Incentive | Whittaker G&A | T&M Direct     | T&M G&A        | Procurement Direct   | Procurement G&A      | T&M Direct | T&M G&A    | T&M Direct | T&M G&A | Procurement Direct | Procurement G&A | T&M Direct        | T&M G&A | T&M Direct      | T&M G&A         | T&M Direct      | T&M G&A         | Monthly Totals | Cumulative Totals |           |           |     |
| F Y O 2           | Mo-Yr                   |               |                    |             |             |                    |             |                    |             |                 |           |                |                   |                      |               |                     |               |                |                |                      |                      |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                |                   |           |           |     |
|                   | Jul-02                  | \$25,000      | \$4,250            | \$10,000    | \$3,000     | \$300              | \$51        |                    |             |                 |           | \$42,601       | \$42,601          |                      |               |                     |               |                |                |                      |                      |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                | \$0               | \$0       |           |     |
|                   | Aug-02                  | \$20,000      | \$3,400            | \$10,000    | \$3,000     |                    |             |                    |             | \$1,000         | \$300     | \$37,700       | \$80,301          |                      |               |                     |               |                |                |                      |                      |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                |                   | \$0       | \$0       |     |
|                   | Sep-02                  | \$24,587      | \$4,180            | \$11,800    | \$3,540     |                    |             |                    |             | \$1,000         | \$300     | \$45,407       | \$125,708         |                      |               |                     |               |                |                |                      |                      |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                |                   | \$0       | \$0       |     |
| F Y O 3           | Oct-02                  |               |                    | \$10,000    | \$3,000     | \$300              | \$51        | \$3,000            | \$900       | \$1,000         | \$300     | \$18,551       | \$144,259         |                      |               |                     |               |                |                |                      |                      |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                |                   | \$0       | \$0       |     |
|                   | Nov-02                  | \$20,500      | \$3,485            | \$10,000    | \$3,000     |                    |             | \$3,000            | \$900       | \$1,000         | \$300     | \$42,185       | \$186,444         |                      |               |                     |               |                |                |                      |                      |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                |                   | \$0       | \$0       |     |
|                   | Dec-02                  |               |                    |             |             |                    |             | \$3,000            | \$900       | \$1,000         | \$300     | \$7,800        | \$194,244         |                      |               |                     |               |                |                |                      |                      |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                |                   |           | \$0       | \$0 |
|                   | Jan-03                  |               |                    |             |             |                    |             | \$3,000            | \$900       | \$1,000         | \$300     | \$7,800        | \$202,044         |                      |               |                     |               |                |                | \$10,396             | \$1,913              |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                |                   | \$12,309  | \$12,309  |     |
|                   | Feb-03                  |               |                    |             |             |                    |             | \$3,000            | \$900       | \$1,000         | \$300     | \$7,800        | \$209,844         |                      |               |                     |               |                | \$10,435       | \$1,920              |                      |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                |                   | \$12,355  | \$24,664  |     |
|                   | Mar-03                  |               |                    |             |             | \$200              | \$34        | \$12,000           | \$3,720     | \$11,000        | \$3,410   | \$1,000        | \$300             | \$31,664             | \$241,508     | \$0                 |               |                | \$66           | \$12                 |                      |            | \$20,537   | \$3,257    |         |                    |                 |                   |         |                 |                 |                 |                 | \$78           | \$24,742          |           |           |     |
|                   | Apr-03                  |               |                    |             |             |                    |             | \$12,000           | \$3,720     | \$12,000        | \$3,720   | \$900          | \$200             | \$32,540             | \$274,048     | \$92,204            |               |                |                |                      |                      |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                | \$115,998         | \$140,740 |           |     |
|                   | May-03                  |               |                    |             |             |                    |             | \$12,000           | \$3,720     | \$12,000        | \$3,720   | \$900          | \$200             | \$32,540             | \$306,588     | \$331,522           |               |                |                |                      |                      |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                | \$331,522         | \$472,262 |           |     |
|                   | Jun-03                  |               |                    |             |             |                    |             |                    |             |                 |           | \$0            | \$306,588         |                      |               |                     |               |                |                |                      |                      |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                |                   | \$0       | \$472,262 |     |
|                   | Jul-03                  |               |                    |             |             |                    |             |                    |             |                 |           | \$0            | \$306,588         |                      |               |                     |               |                |                |                      |                      |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                |                   | \$0       | \$472,262 |     |
|                   | Aug-03                  |               |                    |             |             |                    |             |                    |             |                 |           | \$0            | \$306,588         |                      |               |                     |               |                |                |                      |                      |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                |                   | \$0       | \$472,262 |     |
|                   | Sep-03                  |               |                    |             |             |                    |             |                    |             |                 |           | \$0            | \$306,588         |                      |               |                     |               |                |                |                      |                      |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                |                   | \$0       | \$472,262 |     |
| F Y O 4           | Oct-03                  |               |                    |             |             |                    |             |                    |             |                 |           | \$0            | \$306,588         |                      |               |                     |               |                |                |                      |                      |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                |                   | \$0       | \$472,262 |     |
|                   | Nov-03                  |               |                    |             |             |                    |             |                    |             |                 |           | \$0            | \$306,588         |                      |               |                     |               |                |                |                      |                      |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                |                   | \$0       | \$472,262 |     |
|                   | Dec-03                  |               |                    |             |             |                    |             |                    |             |                 |           | \$0            | \$306,588         |                      |               |                     |               |                |                |                      |                      |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                |                   | \$0       | \$472,262 |     |
|                   | Jan-04                  |               |                    |             |             |                    |             |                    |             |                 |           | \$0            | \$306,588         |                      |               |                     |               |                |                |                      |                      |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                |                   | \$0       | \$472,262 |     |
|                   | Feb-04                  |               |                    |             |             |                    |             |                    |             |                 |           | \$0            | \$306,588         |                      |               |                     |               |                |                |                      |                      |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                |                   | \$0       | \$472,262 |     |
|                   | Mar-04                  |               |                    |             |             |                    |             |                    |             |                 |           | \$0            | \$306,588         |                      |               |                     |               |                |                |                      |                      |            |            |            |         |                    |                 |                   |         |                 |                 |                 |                 |                |                   | \$0       | \$472,262 |     |
|                   | <b>TOTALS</b>           | \$90,087      | \$15,315           | \$51,800    | \$15,540    | \$800              | \$136       | \$42,000           | \$12,960    | \$50,000        | \$15,350  | \$9,800        | \$2,800           | \$423,726            | \$0           | \$0                 | \$0           | \$0            | \$20,897       | \$3,845              | \$20,537             | \$3,257    | \$0        | \$0        | \$0     | \$0                | \$0             | \$0               | \$0     | \$0             | \$0             | \$0             | \$0             | \$0            | \$0               | \$0       | \$778,850 |     |

**WBS 1.2 Escalation and Contingency**

Total for WBS 1.0 = \$679,031  
Total Direct and G&A (above)= \$306,588 \*  
Project Support Escalation = \$0  
Project Support Contingency = \$372,443 152%

|                 |           |
|-----------------|-----------|
| Total Indirect= | \$62,101  |
| Total Direct =  | \$244,487 |

**WBS 1.1 Escalation and Contingency**

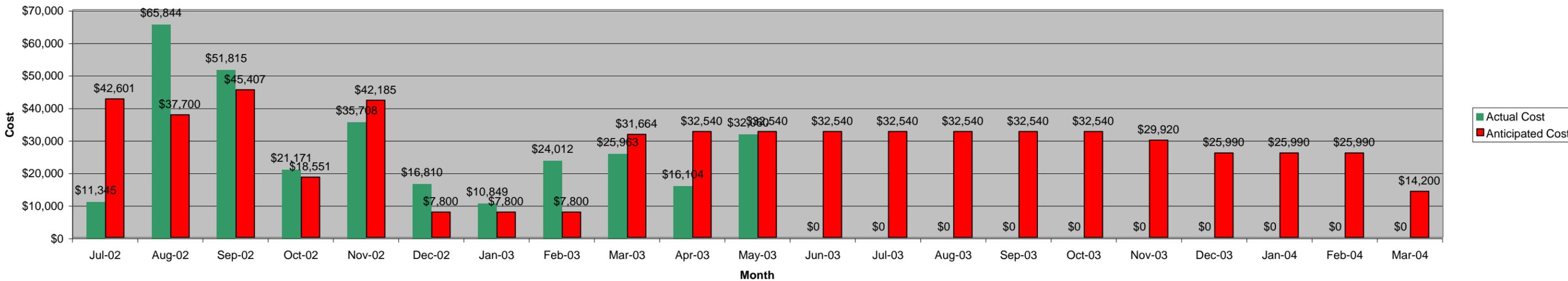
Total for WBS 2.0 = \$3,130,948  
Total Direct and G&A (above)= \$472,262 \*  
Project Support Escalation = \$0  
Construction Contingency = \$2,658,686 572%

|                 |           |
|-----------------|-----------|
| Total Indirect= | \$7,102   |
| Total Direct =  | \$465,160 |

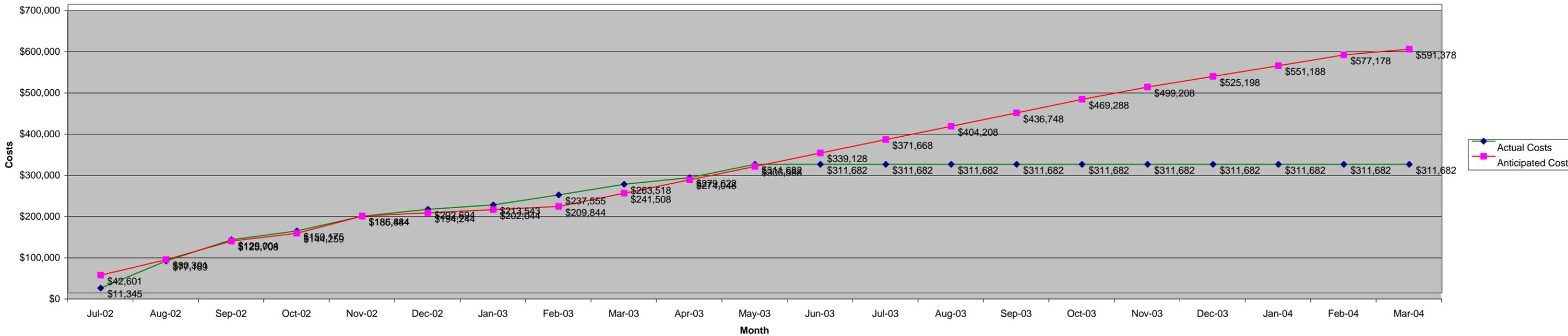




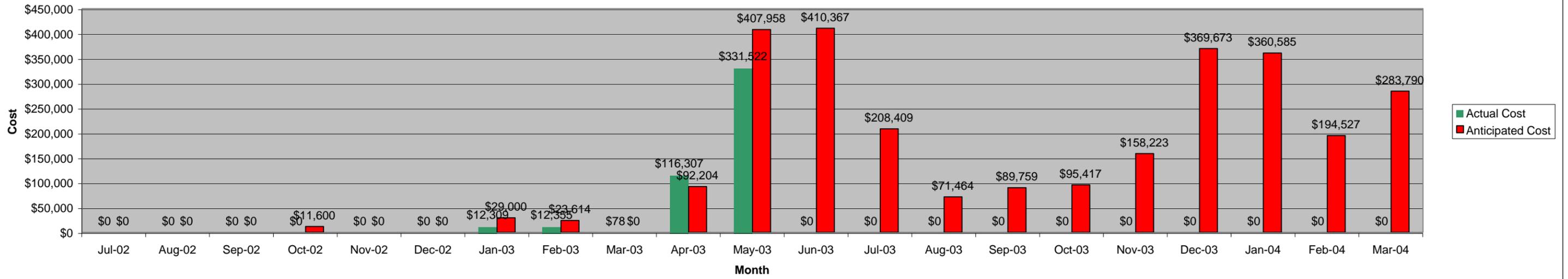
**WBS 1.2 Monthly**



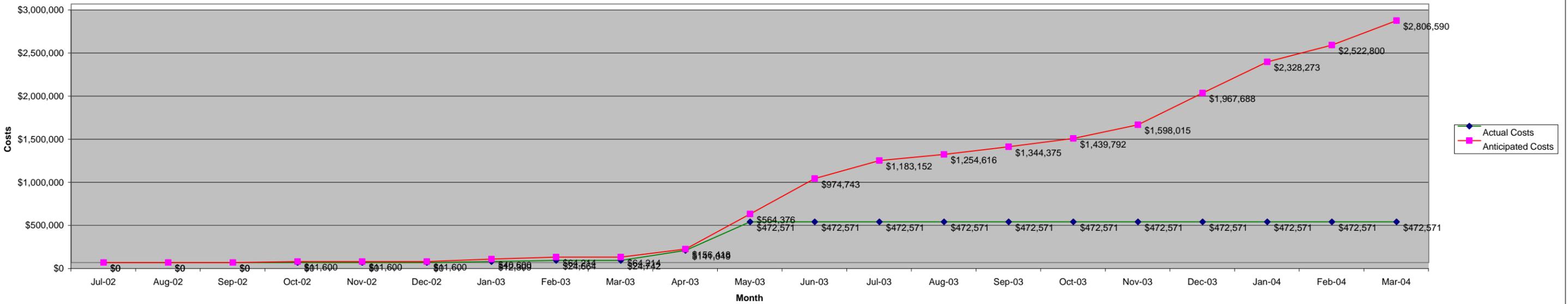
**WBS 1.2 Cumulative**



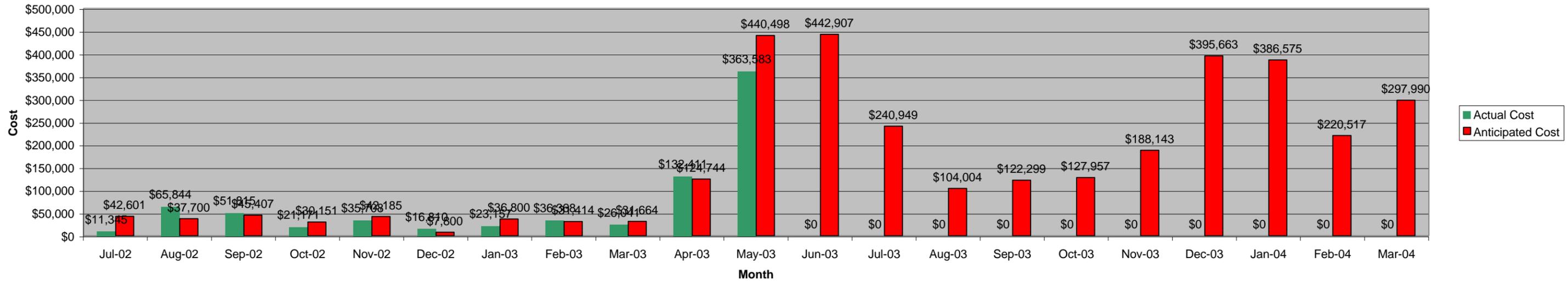
WBS 1.1 Monthly



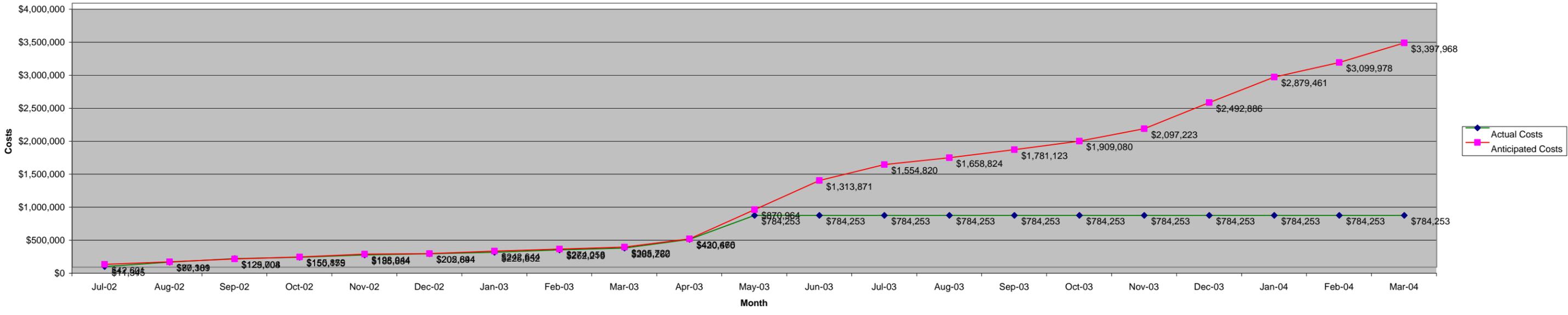
WBS 1.1 Cumulative



TPC Monthly



TPC Cumulative



## 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                 | Accepted                       | 163820 | 5/6/03             | 2    |                    |  |
| 01a   | Full width doors on elevator  | 3/12/03              | Extra - \$3000                       | SK-1...                       | \$3080                          |                              | 0                               | 4/17/03                 | Accepted                       | 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                          | \$4610                          |                              | 1 wd                            | 5/14/03                 | Accepted                       | 164321 |                    |      | 6/1/03             | Field Directed on 5/15/03 - Required for maintenance of MI-30 HVAC units                               |
| 11    |   |                      |                                      |                               |                                 |                              |                                 |                         |                                |        |                    |      |                    |  |
| 12    |   |                      |                                      |                               |                                 |                              |                                 |                         |                                |        |                    |      |                    |  |
| 13    |   |                      |                                      |                               |                                 |                              |                                 |                         |                                |        |                    |      |                    |  |

**Project Impacts:**

Anticipated Subcontract Increase/Decrease =

Actual Subcontract Increase/Decrease =

**Cost**

**\$56,803**

**\$54,156**

**Schedule**

**0 Days**

**6 Days**

based on all pending, in process and accepted ECPs

based on all accepted ECPS