

Fulcrum Corporation

Quarterly Progress Report No. 4 for May 2004 – July 2004
Contract No. DTFH61-03-C-00125

Surveillance and Security Technologies for Bridges and Tunnels

1. Progress During this Period:

1.1. Task 1 – Technology Search and Survey (100% complete)

- Survey results have been prepared for insertion into the draft final report. Specific information about structures and locations is removed in accordance with data handling agreements made over the course of the project.
- Numerous vendors have visited the Fulcrum facility with demonstrations of their software and hardware technologies. Technology searches are now complete.

1.2. Task 2 – Analysis of Data from Task 1 (90% complete)

- Data gathering and analysis is complete. Final organization of the data is on-going.

1.3. Task 3 – Summarize Experience of States / Jurisdictions with Systems (100% complete)

- All on-site visits have been conducted in a total of three states to evaluate currently deployed surveillance systems.
- The data and experiences gathered were presented to FHWA. The general findings were also presented at the AASHTO Bridge 2004 Conference in Orlando, FL during June 2004.

1.4 Task 4 – Develop Protocol for Technology Assessments (90% complete)

- A final format for the State DOT selection tool has been selected. This searchable technology database is undergoing a final formatting process to increase usability by the end user, protect the database from data corruption, and update data as much as possible before release. As requested, a design of a more advanced and updated database has been completed and submitted to FHWA.

1.4. Task 5 – Develop Draft Synthesis Report (65% complete)

- Outline for the report has been completed.
- Draft final report composition has begun. Checklists, appendices, and site findings are among the already completed items. All but two sections of the report are complete in draft.

Fulcrum Corporation

1.5. Task 6 – Develop Final Synthesis Report (0% complete)

- No progress during this period.

2. Overall Project Status

- The bridge & tunnel surveillance and security technologies study is completed. The program continues to be behind schedule and the contract has been extended to 16 months duration.

3. Proposed Work for Next Quarter

- Complete development of technology database assessment tool.
- Complete development of Draft Final Synthesis Report and deliver to FHWA for comment.
- Initiate development of Final Synthesis Report.

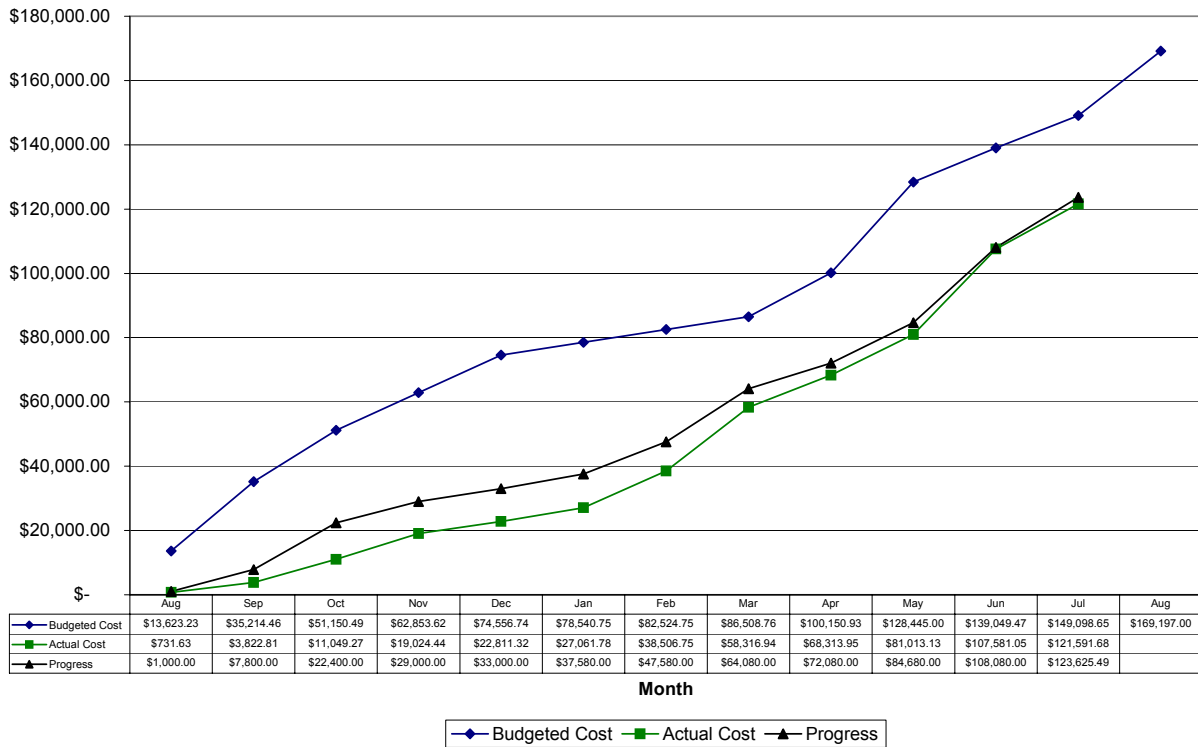
4. Summary of Labor by Key Personnel

Key Personnel	Employer	Hours Expended
Kohli, V.	Fulcrum	266.00
Johnson, W.	Fulcrum	24.00
Rowshan, S.	SAIC	99.75
Yengst, C.	SAIC	90.00

Fulcrum Corporation

5. Contract Progress and Expenditure Charts

FHWA Bridge & Tunnel Security Project



6. Problems

- The project team has not been able recovered from delays experienced in the earlier portion of this effort and the project continues to be behind schedule. A Contract mod has been issued that extends the period of performance to 16 months.
- A modification to the contract has been made to add incremental funding to fully fund the contract.

7. Interim Results

- Analysis of survey results completed and reviewed.
- Completion of technology database creation.
- Adoption of plan to create technology database assessment tool.
- Completion of three site-visits and trip reports.
- Briefed Vince Pearce at FHWA Headquarters.

Fulcrum Corporation

- Status presentations given to AASHTO T-1 Committee on June 21, 2004 (both open and closed sessions).