

Construction Operations Building Information Exchange - COBIE –

Discussion

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TYPICAL PROCESS

- COBIE (NBIMS Appendix B) recommends that data be captured by the A/E during the design process and the Prime Construction Contractor during construction, as-building, & commissioning. As COBIE Appendix B, page A/R 56, paragraph 4.1 indicates, this is accomplished by the responsible party entering the appropriate COBIE Worksheet(s) information.
- Revising/updating the data is performed over the entire course of the project, culminating in a complete set of as-built data at project completion... the “roadmap” to that data being the COBIE Worksheets. Applying COBIE in this manner and capturing the Worksheet data (register information and submissions) electronically will eliminate much of the need for paper exchange, while significantly decreasing existing paper-based exchange costs, including the added benefit of time savings. Once the facility is turned over to the owner, depending on each owner’s needs, the COBIE data may be maintained during the entire life-cycle of the facility.

Department of State COBIE Pilot Study

- Purpose
 - to evaluate COBIE as a tool for use by the Overseas Buildings Operations objectives.
 - Data Importance
 - Accurately specify for procurement
 - Quality of content

CONCLUSION

- As the COBIE application is embraced in the industry, and critical attention is given to procuring, coordinating, recording, and compiling accurate (as-built) data, COBIE can provide a great advantage over current processes in both time and cost.
- For each Agency/Owner, the COBIE process and data required will need to be reviewed and coordinated with its own Operations & Maintenance philosophy to improve the process and flow of data to facilities management/O&M personnel.

QUESTIONS...