

DATA CONSISTENCY THROUGH ALL LIFE CYCLE PHASES

Model-based data can be used during all phases of an infrastructure's life cycle. Some of this data is created by project teams during one phase and used during another. The SFO BIM Guide promotes continuous and consistent data authoring and verification through data standards, i.e., it specifies what data must be delivered, the data format and the verification criteria. The SFO BIM Guide also encourages project teams to determine how they develop data, by suggesting best practices, given specific project needs and project delivery methods. **Figure 03** illustrates the concept of the incremental

collection of infrastructure data through design and construction and the transition to As-Managed Data.

Incremental data collection and verification focuses on the point of data authorship for project stakeholders e.g., designer, builder, trade partners, commissioning agent, etc. This has the effect of breaking a large effort into smaller and more manageable ones and leveraging the project specific and professional knowledge of original data authors who are most familiar with the work product.

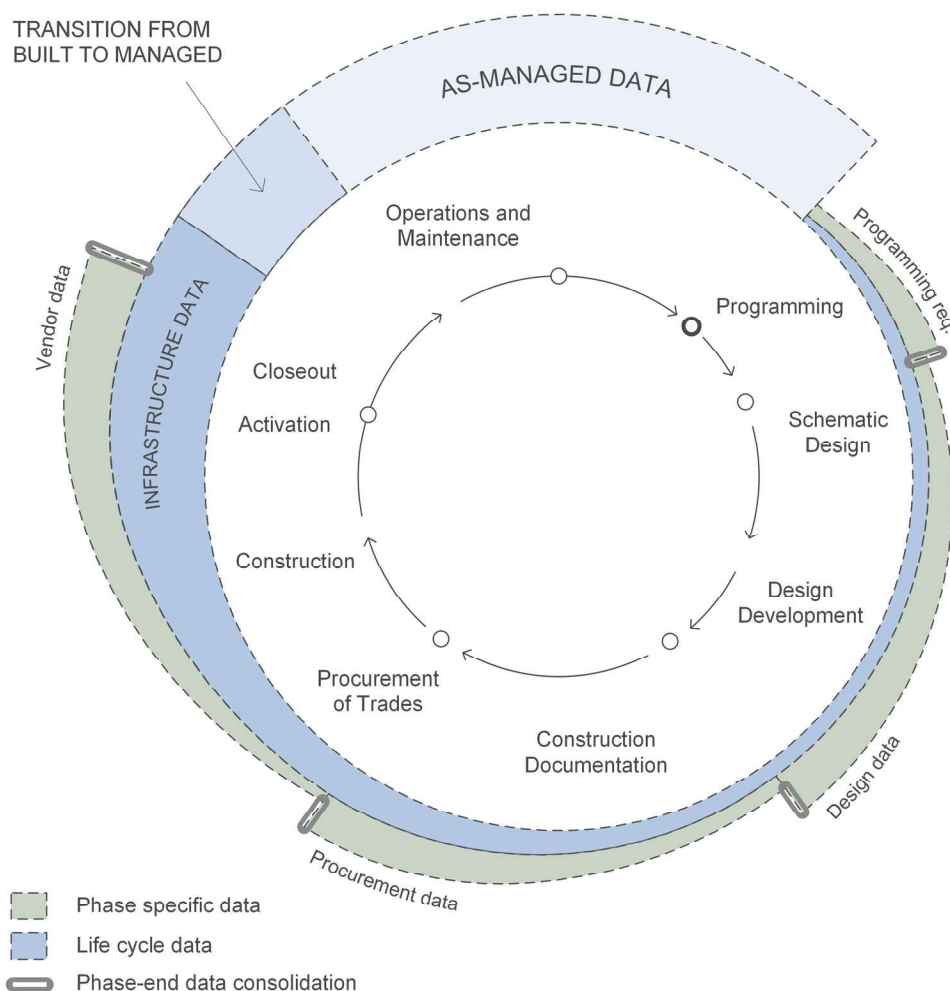


Figure 03. Data Through Life Cycle