

Developing and Updating Structure Construction Technical Manuals

1. Applicable Structure Construction (SC) Technical Manuals are reviewed when a new Bridge Construction Memo (BCM) is developed or an existing BCM is updated and revised. For some SC Technical Manual revisions, material gathered from the work performed in [Attachment 3](#), *SC Technical Team Work Plan and Resource Budget*, is the basis for revision to an SC Technical Manual.
2. New SC Technical Manuals are developed when new BCMs are developed that have no supporting documentation in existing SC Technical Manuals. However, there may be a considerable time gap between the time a BCM is published and a new SC Technical Manual is published. In this case, temporary attachments to the BCM may be used to bridge the time gap. Refer to [Attachment 4](#), *Developing and Updating Process Development Diagram (PDD) Packages*, Section 2, *Develop the Draft PDD Package*, for more information on the use of temporary attachments.
3. Refer to [The WHAT and HOW Document](#) for the types of information to include in SC technical manuals.
4. For a detailed workflow procedure, refer to:
 - a. [Attachment 4.1](#), *Structure Construction 8-Step Development and Review Schedule – from PDD to Published BCM*, for developing BCMs for the *Bridge Construction Records and Procedures Manual*.
 - b. [Attachment 5.1](#), *Structure Construction 6-Step Development and Review Schedule – from Outline to Published SC Technical Manual*, for developing all SC Technical Manuals except the *Bridge Construction Records and Procedures Manual*.
5. For guidance and tools to aid in the development and review of the SC Technical Manuals refer to the [Style Guide for Structure Construction Technical Manuals](#).