

These mapbooks have been prepared to provide the reader with a project-level visualization of components of the water conveyance facilities associated with the Bay-Delta Conservation Plan (BDCP) and to supplement the descriptions and analyses presented in the chapters listed below.

- Chapter 3, *Description of Alternatives*
- Chapter 12, *Terrestrial Biological Resources*
- Chapter 13, *Land Use*
- Chapter 14, *Agricultural Resources*
- Chapter 15, *Recreation*

The mapbooks have been designed to provide the level of detail appropriate to depict the effects of conveyance facilities on these resource areas. Accordingly, not all mapbooks are at the same scale; rather, the scale was selected on the basis of the nature of effects for a given resource area. Similarly, labeling has been minimized to be consistent with discussions in the narrative in order to maintain clarity and ease of use of the mapbooks.

The resource chapter mapbooks, in contrast with the Chapter 3 mapbooks, do not depict all conveyance facility features; rather, the conveyance facilities have been symbolized according to the type of effect posed by each. The construction footprint is represented as *permanent surface impacts*, *temporary surface impacts*, and *permanent subsurface impacts*, because for purposes of the analyses, these characterizations of impact types are more important than the function of the individual facilities. Key features are labeled, but to avoid overcrowding of the individual sheets, minor features are not. The reader is referred to the Chapter 3 mapbooks if a higher level of detail is necessary regarding location and function of specific facilities.

Each mapbook is numbered to reference the chapter in the EIR/EIS that it supports. For example, the mapbooks depicting the conveyance facilities in full detail are numbered M3-1, M3-2, etc., where *M* designates *mapbook*; *3* references Chapter 3, *Description of Alternatives*; and *1, 2*, etc., reflects the sequence of the mapbooks. All the mapbooks present the alternative alignments in the same sequence: pipeline/tunnel alignment, eastern alignment, western alignment, modified pipeline/tunnel alignment, and through-Delta/separate corridors alignment. Moreover, it should be noted that not all features depicted would be constructed under all alternatives employing a given alignment. For example, M3-1 depicts seven intake structures, though no more than five would be constructed under any alternative, and some alternatives would entail construction of fewer still.

Many of the resources shown in the mapbooks appear as transparent overlays to allow the underlying basemap to show through. Consequently, in some cases the color on the map does not precisely match the corresponding color on the legend, because on the legend the transparent color is underlain by white. In these cases, the determination was made that visibility of the underlying basemap was more important than color consistency.

A brief explanation of each chapter's mapbooks is presented below.

Chapter 3, *Description of Alternatives*

These mapbooks present the five alternative alignments at a scale of 1:24,000. All conveyance features are shown in detail on the basis of the engineering data developed for the Conceptual Engineering Reports. The major features described in Chapter 3 are shown in these mapbooks.

Chapter 12, *Terrestrial Biological Resources*

Mapbooks M12-1 through M12-5 depict the natural communities in the areas affected by the conveyance facilities at a scale of 1:48,000. This scale was determined to be sufficient to show patches of natural communities that would be indistinct or invisible at smaller scales.

Chapter 13, *Land Use*

Mapbooks M13-1 through M13-5 depict land use designations at a scale of 1:48,000. This scale was determined to be necessary to show the locations of individual structures that could be affected by construction of the conveyance facilities.

It should be noted that many water bodies do not appear as water as they do in other mapbooks and figures, but rather are assigned their appropriate land use designations. For example, an area designated as Open Space that encompasses a slough or river would be depicted in the light green that symbolizes that designation.

Chapter 14, *Agricultural Resources*

Mapbooks M14-1 through M14-10 depict agricultural resources at a scale of 1:72,000. For this chapter, each alignment required two mapbooks: one to depict important farmland classification, and one to show lands under Williamson Act contract.

Chapter 15, *Recreation*

Mapbooks M15-1 through M15-5 depict recreational resources at a scale of 1:72,000. For this analysis, a buffer zone based on the analysis conducted for noise (Chapter 23) was established to identify the distance at which recreational uses—in this case, defined by recreational facilities—could be subject to noise-related disturbance. The distance shown is 1,400 feet around intake facilities and 1,200 feet around all other facilities.

Facilities within these buffer zones are shown in all mapbooks. For example, M15-1 includes facilities that would be affected by the eastern and western alignments as well those affected by the pipeline/tunnel alignment; this decision was driven by complexities of managing the data layers within the GIS environment.

