

4 Affected Environment, Environmental Consequences, and Mitigation

4.1 Introduction

This chapter describes the existing social, economic, and environmental conditions that may be affected by the alternatives retained for detailed study in this Draft Environmental Impact Statement. It also presents the expected beneficial and adverse social, economic, and environmental effects of the alternatives, including measures to avoid, minimize, and mitigate adverse effects, where applicable.

The analysis in this chapter covers a range of environmental resources and topics, as listed in [Table 4-1](#). Each section identifies a resource-specific study area or study areas to define the geographic extents of the assessment. As applicable, sections of this chapter reference technical reports that present additional details on the methodologies, analyses, and findings related to the subject matter.

Table 4-1. Environmental Resources and Topics Assessed in Chapter 4

Chapter Section	Environmental Resources and Topics
4.2	Transportation, Traffic, and Safety
4.3	Pedestrian and Bicycle Facilities
4.4	Maritime Transportation, Traffic, and Safety
4.5	Socioeconomics
4.6	Land Use, Zoning, and Community Cohesion
4.7	Community Facilities
4.8	Property Acquisition, Displacement, and Relocation
4.9	Wetlands and Floodplains
4.10	Water Quality and Stormwater
4.11	Threatened, Endangered, and Protected Species and Habitats
4.12	Coastal Zone Consistency
4.13	Air Quality
4.14	Noise and Vibration
4.15	Visual Resources
4.16	Cultural Resources
4.17	Public Parks, Recreational Facilities, and Open Space
4.18	Solid and Hazardous Waste Material Management
4.19	Utilities and Services
4.20	Public Health
4.21	Adaptation and Resiliency
4.22	Indirect Effects