

- 8. Existing Facilities.** When the project involves replacing an existing facility, incorporating an existing facility into the final project, modifying an existing facility, relying on an existing facility to facilitate construction or O&M, or working in the area of existing facilities, the design data collection should include pertinent information concerning the existing facilities. The data collection requirements are similar for both feasibility and specifications level designs.
- A. List and describe existing facilities affected by the project or which will affect the project.
  - B. Latest drawings.
  - C. Location and condition of existing facilities.
  - D. Anticipated future use of existing facilities.
  - E. Structural capacity.
  - F. Flow capacity.
  - G. Power production or power usage.
  - H. O&M problems especially those that may affect the proposed facilities..
  - I. If existing facilities are to be removed, note how the existing facilities will be disposed of and environmental or other concerns with removing the facilities.
  - J. Hazardous materials that will require removal and disposal.
  - K. Operational data on upstream and downstream dams, diversions, pumping plants, and reservoirs. Discuss if dams appear to be hydraulically inadequate.
  - L. Existing or potential areas or features having a bearing on the design construction, operation, or management of the project feature such as:
    - (1) Recreation areas, fish and wildlife areas, building areas, areas of cultural sensitivity, and areas of archeological, historical and mining, or paleontological interest. The locations of these features should bear the parenthetical reference to the agency most concerned; for example, Reclamation, National Park Service (NPS), or U.S. Fish and Wildlife Service (FWS).
    - (2) Availability or accessibility of public facilities or utilities such as water supply, sewage disposal, telephone utility, fire protection services, and electric power for construction (give location, power supplier, voltage, number of phases, and capacity of existing transmission lines; power rate

schedules; probability of interruption of supply; and requirements for additional transmission line, if needed).