

## **Extract from the RFP which became the Special Provision of the Kiewit Contract**

### **SP 4.7 (h)**

**Design Review Plan.** The Design Review Plan shall be part of the Quality Plan and be submitted for City Review and Comment prior to the start of design. The Design Review Plan shall include both the quality responsibilities of the Design Manager and the independent responsibilities of the Design Quality Manager. The Design Review Plan shall be specific to each stage of design development. Design-Builder shall make a single comprehensive design check and Design Review for developed plans and specifications for each of the five (5) stages of design development:

- (1) Definitive Design;
- (2) Interim Designs;
- (3) Final Design;
- (4) Working Plans; and
- (5) As-Constructed Plans and Specifications

### **SP 4.7 (m)**

- (1) Definitive Design Review shall be the first design review requiring participation of the City, and is intended to verify that the concepts proposed by the Design-Builder meet Concept Documents provided by the City or provide substantiated reason for change and that the Definitive Design complies with the Contract requirements. The Quality Manager shall verify in writing the compliance and completeness of the design submittal prior to presenting the Definitive Design to the City for review. The following issues shall be discussed:
  - (A) All contract requirements applicable to the proposed concept documents, including all applicable standards and legal requirements and environmental permit conditions, have been identified, and the proposed designs are in compliance
  - (B) The proposed concepts are substantiated and justified by adequate site investigation and analysis
  - (C) Right of Way requirements have been identified
  - (D) The proposed concepts are constructible
  - (E) Required materials and equipment are available
  - (F) The proposed concepts meet all quality requirements, and all required Quality Plan procedures have been followed including for site maps and concept drawings and draft specifications for any materials or methods that are not industry standard
  - (G) That proposed concepts comply with permits and environmental compliance plan requirements.
- (2) The Design-Builder's Responsible Engineer shall provide a Draft Basis of Design Memo with Definitive Design plans that documents the issues above as well as provides a report that describes, at a minimum, the design alternatives considered, material choices, and construction means and methods that leads to the solution proposed.
- (3) Interim Design Reviews are optional and intended to resolve conflicts and unresolved comments from the Definitive Design and prior to Final Design. The Design-Builder should use Interim Design Reviews to remedy conflicts, account for exceptions, and incorporate betterments. Design-Builder shall notify the City if Interim Design reviews are necessary and shall schedule the necessary design reviews following independent review by the Quality Manager. Workshops, meetings and "over-the-shoulder" reviews are means to facilitate interim design reviews by the City.