

**CHECKLIST FOR ACCEPTANCE OF THE
FINAL DESIGN SUBMITTAL**

Segment: West Tie-In

File: 04-SF-80-12.6/13.2
04-0120R4

Element: All

Temporary Bypass Structure
Doc.# 215-SUB.00064-1

Date Received: March 03rd, 2005

Comments:

Quality Control		
ITEM	Accept?	Comments?
1. Final marked-up documents and annotated checklists prepared by an individual who has reviewed the documents for conformance to the requirements of the contract documents.	Yes	
2. Each design drawing and supplemental technical special provision shall have a check print, representing the final content of the design drawing or supplemental technical special provision.	Yes	
3. As evidence of their review, the designer and independent checker shall sign and date the check print	Yes	

Final Design Information Package		
ITEM	Accept?	Comments?
4. Describe any modifications to or deviations from the information submitted with the preliminary design submittal, including a detailed description of resolution of reviewer comments.	Yes	
5. Any revised document that has changed since the preliminary design submittal.	Yes	
6. Structure construction sequencing plan	Yes	
7. Resident Engineer's (RE) Pending File contents as specified in the Information and Procedures Guide of the Office of Special Funded Projects of the Department	Yes	
8. Final Foundation Report	Yes	

Final Detailed Construction Drawings		
ITEM	Accept?	Comments?
9. General Plans	Yes	
10. Structure Plans	Yes	
11. Abutment cross-sections	Yes	
12. Foundation Plans	Yes	
13. Pier (i.e. tower/bent/column) cross-sections	Yes	
14. Foundation Detail Plans	Yes	
15. Typical Sections	Yes	
16. Girder layouts or framing plans	Yes	
17. Expansion joint details	Yes	
18. Bearing details	Yes	
19. Structural joint and connection details	Yes	
20. Contain a drawing index with drawing numbers and drawing titles.	Yes	
21. Be in metric units	Yes	
22. Comply with the following manuals of the Department: Plan Preparation Manual, BDA, BDD, MTD, and Information and Procedures Guide of the OSF Projects.	Yes	
23. Be clearly marked "NOT FOR CONSTRUCTION"		
24. Show the arrangement and material type and size of each structural member to demonstrate load paths from the superstructure to the ground through the substructure and foundation	Yes	
25. Be of sufficient detail to (a) define the TBS elements in plan and elevation, including deck drainage and overhead and bridge mounted signs, (b) define the mounting details for electrical and mechanical systems (c) demonstrate conformance to the requirements of the contract documents.	No	Does not meet contract criteria.
26. Bear the stamp, signature, and license expiration date of the Contractor's Engineer or designee, who is responsible for developing the drawings.	Yes	
27. Contain final utility relocation plans identifying relocation of impacted utilities within boundary of the construction based on new potholing performed by the Contractor. Contractor may require additional potholing to verify impacted utilities as approved by the Engineer.	No	Need to address comments sent to CCM per STL 191. Final Utility Plan will be submitted as a separate submittal.

Final TBS Design and Independent Check Calculations			
ITEM	Design	Check	Comments?
28. Bound separately for each segment	Yes	Yes	
29. Bear the stamp, signature, and license expiration date of the Contractor's Engineer or designee, who is responsible for developing the drawings.	Yes	Yes	
30. Be clearly labeled as design or check calculations, indicating the contract number and title, and description of the calculations	Yes	Yes	
31. Contain a table of contents with page numbers; all calculation pages shall be numbered.	Yes	Yes	
32. Be decipherable and organized so that the design logic can be easily followed.	Not Clear	Not Clear	Waiting for design's comments (SAP models provided)
33. Contain documentation of assumptions, conclusions, references and design logic.	Not Clear	Not Clear	See above comments in 32.
34. Contain copies of design charts, with specific entries highlighted that were used in the design.	No	No	
35. Contain only final input and output of computer runs.	Yes	Yes	
36. Contain hand calculations, or computer-generated calculations	Yes	Yes	

Final Quantity Calculations			
ITEM	Design	Check	Comments?
37. Quantity calculations and quantity check calculations shall be prepared, compared and resolved, and submitted in accordance with the requirements of Chapter 11 of the BDA manual and the PS and E guide of the Department.	Yes	Yes	Independent quantity checks are not thorough.

Final Supplemental Technical Special Provisions		
ITEM	Accept?	Comments?
38. Non-standard supplemental technical special provisions, and the engineering basis supporting the need for and content of each non-standard supplemental technical special provisions	Yes	
39. Use and edit the most current versions of the Department's Standard Special Provisions and Bridge Reference Specifications. Provide engineering basis supporting the omission of relevant specifications.	Yes	