

Central Federal Lands Highway Division

Project Schedule and Resource Management

Version (Date): March 8, 2004

Activity ID: B3	Activity Title: Structural Design and Check
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Activity Definition: Structural analysis, design, and check of the structure. Draft contract plans, prepare specials and the engineer=s estimate.

Predecessor Activities (ID's) & Relationships (i.e.: FS, SS, or FF) & Time Lag:	Successor Activities (ID's) & Relationships (i.e.: FS, SS, or FF) & Time Lag:
1. Pred: B2 Rel: FS Lag: 0	1. Succ: B4 Rel: FS Lag: 0
2. Pred: D3 Rel: SS Lag: 0	2. Succ: D4 Rel: FF Lag: 0
3. Pred: G3 Rel: FF Lag: 0	3. Succ: Rel: Lag:
4. Pred: H3 Rel: FF Lag: 0	4. Succ: Rel: Lag:
5. Pred: Rel: Lag:	5. Succ: Rel: Lag:
6. Pred: Rel: Lag:	6. Succ: Rel: Lag:

- Required Activity Tasks:
1. TASK 1 (if necessary) – Perform Structural Site Visit to review proposed bridge TS&L.
 2. TASK 2 (A/E) – Provide summary of preliminary Structural Design Criteria.
 3. TASK 3 – Provide Structural Preliminary Study.
 4. TASK 4 – Attend Plan in Hand Field Review and prepare summary of comments and resolution.
 5. TASK 5 – Complete Structural Final Design.
 6. TASK 6 – Verify structural design with Structural Independent Check.
 7. TASK 7 – Provide Structural Drawings (see “Bridge Plan Preparation Checklist”).
 8. TASK 8- Provide Summary of Structural Quantities and Unit Costs.
 9. TASK 9- Provide Structural Load Rating Report.
 10. TASK 10 - Provide structural Special Contract Requirements.
 11. TASK 11 - Compile Structural 95% PS&E Submittal Package.
 12. TASK 12 (A/E) - Attend Monthly Meetings.

13. TASK 13 (A/E) – Perform Project Management.

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