

# Central Federal Lands Highway Division

## Project Schedule and Resource Management

Version (Date): January 16, 2004

Activity ID: D4	Activity Title: Develop 95% PS&E
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Activity Definition: Develop and distribute the final design and preparation of the 95% PS&E package. Incorporate the final design details provided by others.

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: B3            Rel: FF            Lag: 0	1. Succ: P2           Rel: FS            Lag: 0
2. Pred: D3SV       Rel: FS            Lag: 0	2. Succ: G4           Rel: FF            Lag: 5
3. Pred: S4           Rel: FF            Lag: 0	3. Succ: D4.1        Rel: SS            Lag: 0
4. Pred:               Rel:                Lag:	4. Succ: D4PR       Rel: FS            Lag: 0
5. Pred:               Rel:                Lag:	5. Succ:               Rel:                Lag:
6. Pred:               Rel:                Lag:	6. Succ:               Rel:                Lag:

- Required Activity Tasks:
- DESIGN/PLANS**
1. Incorporate comments from 70% field review.
  2. Finalize earthwork.
  3. Finalize approach road/parking area/pullout design.
  4. Incorporate final right-of-way and utility plans.
  5. Finalize environmental mitigation features and commitments.
  6. Incorporate permit requirements into the design.
  7. Finalize major structure design.
  8. Finalize safety design.
  9. Complete Highway Design Standards form.
  10. Finalize drainage design.
  11. Finalize erosion control design.

12. Revise plan and profile sheets.
13. Finalize quantities and summaries for the all bid items.
14. Revise details and specials as necessary.
15. Verify that the most up-to-date standards are included.

**SCR's**

18. Develop completed SCR's.

**ESTIMATE**

19. Finalize the unit price analysis.
20. Complete the Engineer's Estimate (Class "A" estimate)
21. Provide a copy of the quantity calculations along with supporting documentation.

**SCHEDULE**

22. Finalize a CPM construction schedule for FHWA review.

**REVIEW**

23. Assemble, print and distribute the 95% PS&E to internal branches.
24. Schedule and attend the internal 95% PS&E resolution meeting.
25. Incorporate comments from the internal PS&E resolution meeting.
26. Assemble, print and distribute 95% PS&E for external review
27. If required, schedule 95% PS&E "External Resolution Meeting", attend,
28. **For A/E projects:**
  - Assist PM in writing scope of work & IGE as requested
  - Assist PM in negotiations as requested.
  - Attend progress meetings as requested
  - Items 23 thru 27 (above) only apply to outsourced A/E projects