FINAL CONSTRUCTION PLANS MILESTONE

GOAL

1. To reach 100% design for the project.

2. To request statements from support sections

DESIGN WORK TO PERFORM

NEPA Approval - cannot distribute FC Plans without NEPA approval

Final Right-of-Way Approval - cannot distribute FC Plans without FRW approval

Finalize Construction Plans.

Finalize Special Provisions.

Finalize Quantity Calculations and Project Cost Estimate.

Finalize CPM Schedule.

Receive final Utility Statement.

Obtain QA/QC Memo approval.

FINAL PLANS

REQUIRED SHEETS

1. Title Sheet

2. Plan Sheet Index

3. Addendum and Revision Sheet

4. Legend Sheet

5. Notes Sheet

6. Typical Sections

7. Horizontal and Vertical Control Sheets

8. Construction Plan with final proposed design (including final drainage with pipe sizes and inverts)

9. Profile Sheets (existing and proposed profiles including existing and proposed drainage)

10. Grades and Geometrics with final geometrics and grades

11. Construction Details

12. Plan, Section, and Elevation Sheet

13. Final Structural Details

14. Soil Boring Logs

15. Maintenance of Traffic Plan

16. Detour Plan

17. Erosion and Sediment Control Plan

18. Environmental Compliance Notes

19. Environmental Compliance Plan

20. Utility Relocation Plans (overhead utility relocations required; with underground facility relocation design when possible. Where underground facility relocation impacts real estate needs, horizontal location is required.)

21. Signing, striping, signals, ITS, and conduit plans with proposed striping, existing signs and proposed sign structure locations shown

22. Sign Structure Details

23. Right-of-Way Plan

24. Right-of-Way Data Sheet

25. Right-of-Way Tabulation Sheet

26. Cross-sections (including existing surface, proposed surface, LOC, existing & proposed R/W, clear zones, proposed drainage and utility test hole data)

REQUIRED SUPPORTING DOCUMENTATION

1. Plan Submission Checklist

2. Right-of-Way Plan Checklist

3. Applicable Bridge Plan Submission Checklist

4. Final Plans Milestone Checklist

5. Contract Work Hours Restrictions Checklist

6. Compiled comments and responses from Project Scoping and Survey, Preliminary, and Semi-Final Plans submissions

7. Approved Design Control Checklist

8. Approved Design Criteria Form

9. Approved Design Exceptions

10. Approved Design Variances

11. Approved NEPA Checklist

12. Approved Project Work Plan

13. Quantity Calculations

14. Project Cost Summary

15. CPM Schedule

16. Final H&H Report

17. Final Foundation Report

18. Final TS&L Report

19. Final Utility Statement

20. Special Provisions

PLAN DISTRIBUTION RECIPIENTS

1. To support sections to obtain statements.

2. To Stormwater Engineer for erosion and sediment control plan approval.

3. To Chief Engineer for title sheet approval. Note – title sheet must be approved before Final Construction Plans for projects involving railroads.

4. To PS&E reviewer for Pre-PS&E review once statements have been received.