

S. Cobb Drive Improvements Design Scope

A. Environmental Document

1. Necessary Environmental Special Studies survey reports and assessment of effects for Ecology.
2. NEPA documents
 - a. Prepare NEPA Document for Approval (CE)
 - b. NEPA document re-evaluations (for ROW and Construction)
3. Preparation of section 404 permit application
4. Prepare for and attend the PFPR and FFPR
5. Certification for Right-of-Way
6. Certification for Let
7. TPro and P6 updates
8. Practical Alternatives Report (PAR)
9. Approved Logical Termini Form

B. Preliminary Design

1. Complete Preliminary Roadway Plans, including but not limited to:
 - a. Preliminary Signing and Marking Plans
 - b. Preliminary Signal Plans
 - c. Preliminary Drainage Design/Hydrological Studies
 - d. Preliminary Staging & Erosion Control Plans
2. Under Ground Storage Tanks (UST)/Hazardous Waste Studies (Phase 1 & Phase 2 (if recommended))
3. Cost Estimation with annual updates
4. Quality Assurance/Quality Control Reviews
5. Location and Design Report
6. PFPR participation, report, and responses (all plan sets and other information requested by Engineering Services)
7. Preliminary Construction plans
8. First Submission Utility Coordination
9. MS4 report (as needed)
10. Project Management and Coordination

C. Right-of-Way Plans

1. Prepare Right of Way plans
2. Coordinate field review of right of way plans and staking
3. Right of Way revisions during acquisitions

D. Final Design

1. FFPR participation, report, and responses (all plan sets and other information requested by Engineering Services)
2. Erosion Control Plans
3. Quality Assurance/Quality Control Reviews
4. Corrected FFPR Plans
5. AASHTOWARE Final cost estimate
6. Final PS&E Package
7. Amendments & Revisions
8. Final Design Data Book
9. Complete Final Roadway Plans, including but not limited to:
 - a. Final Signing and Marking Plans
 - b. Final Signal Plans
 - c. Final Communication Plans

- d. Final Staging & erosion Plans
 - 10. Update all Environmental Special Studies Reports
 - a. History
 - b. Ecology
 - c. Archaeology
 - d. Air
 - e. Noise
 - f. Freshwater Aquatic
 - 11. Project Management and Coordination
- E. Construction
- 1. Use on Construction Revisions
 - 2. Site Condition Revisions
- F. Deliverables
- 1. Approved Design Exceptions/Variances
 - 2. One (1) Approved Environmental Document
 - 3. One (1) re-evaluation for the Environmental Document (Construction)
 - 4. PFPR Deliverables
 - 5. Approved Right-of-Way plans
 - 6. FFPR Deliverables
 - 7. FFPR Corrected Plans
 - 8. Final Plans, Specifications and Estimates (PS&E) package for project
 - 9. Revised "Use on Construction" plans and/or quantities
 - 10. Provide approved Buffer Variance & 404 Permit
- G. Quality Assurance/Quality Control Reviews for all deliverables
- H. Attendance in and meeting minutes of monthly meetings to discuss progress and/or issues (additional meetings may be required to resolve major project issues).
- I. Prepare, reproduce, and distribute Preliminary Field Plan Review (PFPR) and Final Field Plan Review (FFPR) Package, address/respond to comments, and make plan changes.
- J. Prepare, reproduce, and distribute preliminary and final plans and all supporting disciplines (signing and marking, erosion control, R/W, Utilities, etc.) as well as all special provisions, all design files, and supporting documentation.