Schedule

Documentation Should be Ongoing Throughout the Modeling Process

**Tasks**

- **Kick Off Meeting**
  - Determine Modeling Limits
  - Discuss Time Periods
  - Identify Scenarios
  - Discuss Schedule

- **Data Collection**
  - Field Review
  - Assemble Base Mapping
  - Traffic Volumes
  - Speed Runs
  - Queue Observations

- **Base Model Development**
  - Develop Link-Node Diagram
  - Develop Lane Schematic
  - Balance Traffic Data Sets
  - Create Model
  - Develop O-D Matrix
  - QA/QC Form

  Intermediate review of link-node and lane schematic diagrams required if model is over 4 miles long.

- **Calibration**

- **Alternative Analysis**

- **Final Report**
  - Review Milestone/Documentation

- **Final Documentation**

**CORSIM Modeling Schedule**
Model Manual

The Model Manual is the Collection of Hardcopy Printouts of All Project Drawings, Documents, and Narrative Descriptions

5 Categories For Each Model:
• Physical Data
• Traffic Demand Data
• Traffic Control Data
• Calibration Report
• MOE Summary Report
Physical Data
Freeway & Arterial System

• Link – Node Diagrams
• Lane Schematics
• QA/QC Worksheets
• Field Observations
Traffic Demand Data

- Turning Movement Counts
- Freeway & Ramp Volumes
- Balanced Traffic Set
- Traffic Count Data Table
- Equivalency Sheet
- Origin-Destination Matrix
Traffic Control Data

- Ramp Metering Rates
- Traffic Signal Timing
- Field Observations
Calibration Report

- Volumes Graphics
- Speed Graphics
- Freeway & Arterial MOE Tables
- Technical Memo
MOE Summary Report

- Freeway MOE Summary Reports
- Arterial MOE Report Table
- Graphical Summaries (Lane Schematics)

- Comparative Summary Tables
- Alternative Analysis
- Model Refinements
- Sensitivity Analysis
- Technical Memorandums
Electronic Files

- CORSIM *.trf Files
- SYNCHRO *.sy6 Files
- CADD Files
- Excel Spreadsheets
- Word Documents
- Graphics & Tables
Final Documentation

Interstate Access Request
Staff Approved Layout

Operational Analysis