The CSS Project Delivery Process
Excellence in Transportation Design

1 Problem / Need

- Identify transportation problem or need
- Identify stakeholders
- Outreach & preliminary partnership-building

Products:
- Stakeholder lists
- Preliminary lists of transportation issues

2 Planning

- Bring in resource agencies; identify context
- Establish a multi-discipline team
- Discuss and develop consensus on a decisionmaking process, including plans for public involvement
- Develop and create consensus around a problem and need statement that includes community and environmental components
- Develop consensus on a project vision
- Agree on project limits

Products:
- Process Contract
- Problem Statement
- Vision Statement

3 Scoping

- Study the context
- Confirm the problem statement
- Develop criteria to evaluate alternatives
- Establish a wide range of preliminary alternatives; narrow to a range of reasonable alternatives
- Document environmental effects on the reasonable range of alternatives
- Apply evaluation criteria to alternatives
- Secure consensus on the best alternative
- Spin off related community development projects

Products:
- Evaluation criteria
- Reasonable range of alternatives
- Preferred alternative

4 Design

- Create a conceptual design
- Experiment
- Secure consensus on the conceptual design
- Secure official local approval
- Preliminary engineering of the selected alternative
- Experiment
- Final design of the selected solution
- Purchase ROW
- Negotiate community maintenance agreements
- Include in construction documents all agreements made during Planning, Scoping, and Design
- Prepare bid package

Products:
- Approved conceptual design
- Final Design
- Bid Package

5 Construction

- Advertise & bid project
- Award contract
- MPT plan & schedule to minimize disruption to residents & businesses
- Perform construction
- Coordinate, communicate on change orders and design details
- Open project

Products:
- A completed project that addresses the problem and fulfills the vision

6 M&O

- Make traffic adjustments
- Maintain community partnerships
- Monitor negotiated maintenance agreements
- Routine M & O activities
- Evaluate the project using the criteria
- Capture lessons learned to improve the process
- Provide feedback
- Provide input to new problems & needs identification

Products:
- Adjusted facility
- Captured lessons