Project Title: C-06-15: Develop Consultant Management Estimating Tool
PIN: R021.15.881
Responsible Unit: Engineering Division, Office of Design
Project Manager: Klotz, James

Project Goal:
Develop an automated Consultant Resource Estimating tool for Highway and Bridge design projects. This could be either a computer based model or rules of thumb for estimating tasks.

Actions Proposed:
1. Collect data from completed DOT highway and bridge projects. This consists of the contract agreements and all supplemental agreements, all bills, the Design Approval Documents (DAD) and the Plans, Specifications & Estimates (PS&E’s).
2. Generate a robust database of historical information regarding the resources required to produce the tasks necessary to develop the DAD’s & PS&E’s.
3. Generate significant variables which correlate with the actual resources to develop common type projects and associated tasks.
4. Develop an estimating tool which correlates with the historical data and can be modified based on engineering judgment and parametric evaluations.

Anticipated Work Products and Accomplishments:
Computer model for estimating engineering resources.

Proposed Budget: $207,750