

Technical Committee on Cost Estimating

2012 SCOD Meeting

Portland, ME

June 13, 2012

TCCE Goals

- Create AASHTO position on best practices for developing estimates
- Prepare written policies and guidelines
- Review relevant research
- Minimize duplicative efforts
- Maintain peer review contact list
- Provide up-to-date web resources

Who are we?

- 17 State DOT Cost Estimators
- Four members per region plus chair
- FHWA (secretary)
- AASHTO liaison



Members

- Cost Estimators from:
 - Project Management
 - Design
 - Contract Administration
 - Cost Estimating
 - Construction

Current Activities

- Completing AASHTO Guide on Cost Estimating
- Reviewing several recent research projects
- Serving on TRB research panels
- Updating webpage/clearinghouse
- Meeting regularly

Top 3 Cost Estimating Concerns:



2012 Work Sessions

- Identifying key competencies for staff
- Retaining viable staff
- Cost Estimating Clearinghouse
- Research Proposals
- Cost Estimate Documentation
- Bidder Competition
- Unbalanced Bidding

Best Practices

- AASHTO Guide on Cost Estimating
- FHWA guidance and training

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PRACTICAL GUIDE TO COST ESTIMATING 2012 • FIRST EDITION

PRACTICAL GUIDE TO COST ESTIMATING



2012 • FIRST EDITION

Chapters – Part 1

Summary

CH 1 Overview

CH 2 Conceptual Estimating

CH 3 Bid-Based Estimates

CH 4 Cost-Based Estimates

CH 5 Risk-Based Estimates

Chapters – Part 2

CH 6 Indexing

CH 7 Letting Strategies for Cost Control

CH 8 Analysis of Contractor Bids

CH 9 Performance Measures for Cost
Estimating

Definitions

Research

- Participate on research panels
- Review new reports
- Propose new cost estimating research
- Co-sponsor research proposals with other technical committees

Research Panels

- AASHTO Guide on Cost Estimating
- NCHRP 15-51: Preconstruction Services Cost Estimating Guide (nomination)

Research Review

- Sliding Scale Contingency
- Cost Estimating Competencies
- Innovative Methods for Planning-level cost estimation
- Risk of Cost Overruns in Capital Projects

Completed Research

- Price Indexing in Transportation Construction Contracts
- Guidebook on Risk Analysis Tools and Management Practices to Control Transportation Project Costs
- Procedures Guide for Right-of-Way Cost Estimation and Cost Management

Web Resources

- TCCE Webpage:

<http://design.transportation.org/Pages/CostEstimating.aspx>

- State DOT cost estimating contacts and resources
- Links to relevant research
- Links to other cost estimating sites

QUESTIONS?

