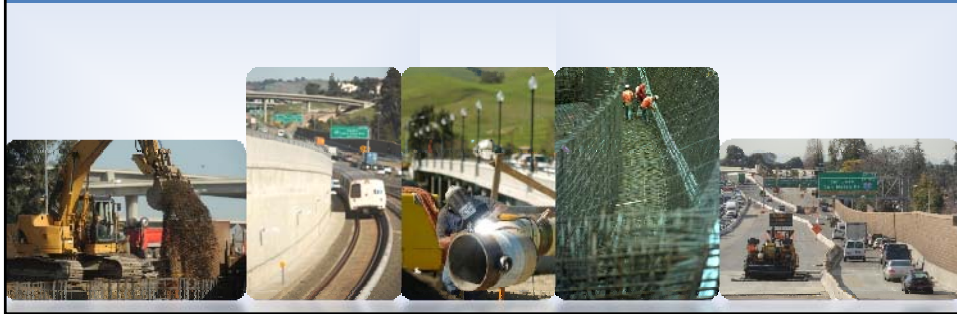


Alameda Countywide Transportation Plan & Transportation Expenditure Plan

Draft Cost Estimating Guide

Presentation to TAWG

February 10, 2011



Presentation Overview

- ▣ Why/how will this Guide be used?
- ▣ What are the types of cost estimates?
- ▣ What makes a reliable estimate?
- ▣ How will sponsors quantify risk?
- ▣ What will an estimate include?
- ▣ What's missing from this Draft?
- ▣ What are the Next Steps?

How will this guide be used?

- ▣ Generate accurate and reliable cost estimates
- ▣ Standardize a method for fair comparison
- ▣ Program funds realistically
- ▣ Deliver on commitments

- ▣ Meet MTC's requirements for use of a Cost Estimating Guide for SCS/RTP call for projects
- ▣ Provide reliable and accurate cost estimates for the CWTP and TEP

What are the types of Cost Estimates?

Conceptual Estimates

- Initial
- PSR/other PID
- PA/ED

Detailed Estimates

- 35% Submittal
- 65% Submittal
- 100% Submittal
- Final Engineer's Estimate

What makes a reliable estimate?

- ▣ Consistent framework that identifies:
 - Standard line items - *"knowns"*
 - General contingency - *"unknown unknowns"*
 - Underdeveloped risks - *"known unknowns"*
- ▣ The Cost Estimating Guide provides guidance for each element - no unit prices
- ▣ The Guide uses a simplified approach to risk assessment that allows sponsors to account for it and develop better estimates

How will sponsors quantify risk?

- ▣ Perform required field review
- ▣ Answer questions based on the project's development and the field review
- ▣ Assess the likelihood of risk categories affecting the project
- ▣ Assign Risk-Based Allowances and apply to specific elements of the cost estimate per the Guide
- ▣ No separate risk categories for programs

What will an estimate include?

- ❑ Cost estimates must follow the format of the template in the appendix
 - Separate templates for projects and programs
- ❑ Back-up data will be requested to demonstrate assumptions, including unit prices
- ❑ Sponsors may be required to meet with ACTC staff to discuss their applications

What's missing from this Draft?

- ❑ Missing multipliers in the Preliminary Risk Assessment Questionnaire
- ❑ Updated version with multipliers will be posted by Thursday, 2/17/11
- ❑ Content and concept of Guide can be completely reviewed without multipliers

Next Steps

- ▣ Comments are due by 2/18/11
- ▣ Final Cost Estimating Guide released 2/28/11
- ▣ RTP/CWTP Call for Projects: March 1-April 29
- ▣ Refine TEP Cost Estimates: Fall 2011