



DIVISION OF THE STATE ARCHITECT

A DIVISION OF  DGS

Division of the State Architect (DSA) Update

CASH Workshop, June 2008
David Thorman, State Architect

Agenda

- 9:00 General Update (David Thorman)
- 10:00 Close Out (Frank Nissen)
- 10:45 Break
- 11:00 E-tracker (Regional Manager)
- 12:00 Lunch
- 1:00 Special Programs/Interests (Regional Manager)
- 2:00 Top Ten Tips (Regional Managers)
- 2:30 Questions (All)
- 3:00 Close

General Update

- Fiscal and Processes Evaluations
- Collaborative Process
- DSA Academy
- CASp Program
- On-Line Exams
- Loan to General Fund
- Available State Construction Funds
- Grid Neutral

Fiscal and Processes Evaluations

Fiscal Evaluation

- Financial structure of DSA is to be reviewed to determine proper fee structures and where changes can be made to increase efficiency and cost effectiveness. As part of the analysis, new programs will be reviewed including: effect of expanded field supervision staff, permanent close out staff and additional fire life safety staff. Other issues to be examined will include electronic transactions/deposits and a statewide cashier's manual.

Processes/Procedures Evaluation

- The organizational structure of DSA is to be reviewed to see where changes can be made to increase efficiency and productivity. As part of the analysis, issues to be looked at will include the potential role of project managers, expanded use of eTracker, the introduction of BIM, and the effectiveness of our satellite offices.



Collaborative Process for Project Development and Review



AB 162: The Collaborative Process

- Ensure public safety of community college and school district facilities through the implementation of a *collaborative, consistent* and *timely* project development and review process in a regulatory environment.

Benefits of the Collaborative Process

- Design decisions committed to early in design process, minimizing schedule delays and changes to technical requirements.
- Commitment to schedules.
- Technical issues identified and resolved early.
- Time reductions for intake, plan review and back check.

Collaborative Partnering

- DSA has collaborative partnering agreements with:
 - Los Angeles Unified School District.
 - Los Angeles Community College District.
 - San Francisco Unified School District.
 - Sweetwater Unified School District.

Regulations

- Regulations are being developed through the Building Standards Commission relating to fully implement the fiscal and regulatory requirements of AB 162. These should be in place by January 2009.

The DSA
Academy

The DSA Academy

Mission

- To promote quality design and construction of educational facilities and other governmental buildings in California through centralized training.

Goal

- To serve as a major learning resource for all parties involved in the planning, design and construction process.

The DSA Academy

Objectives

- To promote a uniform understanding and knowledge of application of processes, procedures and interpretations of code and regulations needed for successful plan review and approval and construction.
- Serve as a primary source for collaborative policy determination and oversight for educational facilities and other governmental buildings.

Current Course Offerings

- Structural and Access Code.
 - UPDATED to new code!
- Plan Review.
 - Structural.
 - Access Compliance.
 - Fire & Life Safety.
- Inspector.
 - Overview.
 - In-Depth Fire & Life Safety.
 - In-Depth Electrical.

Under Consideration for Development

- Project Inspector
 - In-Depth Mechanical
 - In-Depth Plumbing
- Testing & Special Inspection
- Electronic Plan Review
- Project Close-Out
- CASp Disability Awareness

Academy Schedule for 2008

Date	Class	Location
July 9	Structural Code	Los Angeles
July 10	Access Code	Los Angeles
July 23 & 24	Access Plan Review	Sacramento
Aug 19 - 21	FLS Plan Review	San Diego
Sep 9 & 10	Structural Plan Review	Sacramento
Sep 12 & 13	Inspector In-depth-FLS	Sacramento
Sep 19 & 20	Inspector Overview	San Diego
Oct 8 & 9	Access Plan Review	Los Angeles
Oct 17 & 18	Inspector In-depth-Electric	San Diego
Oct 22	Access Code	Sacramento
Oct 23	Structural Code	Sacramento
Oct 31 & Nov 1	Inspector In-depth-FLS	San Diego
Nov 7 & 8	Inspector Overview	Sacramento
Nov 18 - 20	FLS Plan Review	Sacramento
Dec 3 & 4	Structural Plan Review	San Diego
Dec 12 & 13	Inspector In-depth-Electric	Sacramento

CASp Program

Current Status

- Ruling making package has been completed, establishing program regulations, authority and limits and delivered to OAL for final review.
- Internal procedures are being fine tuned to implement the program.
- Currently preparing for the exams which should take place this fall (assuming OAL approval).
- The first published list of CASp will be published by October 31, 2008.

On-Line Exams

Status

- The following on-line exams are in place:
 - District Structural Engineer
 - Senior Structural Engineer
- Planned on-line exams (by fall):
 - Senior Architect
 - Associate Architect
 - Fire Life Safety Officers 1 and 2

DSA Loan to General Fund

General Fund Loan

- Because of the budget deficit, the Administration has proposed “borrowing” funds from several agencies. DSA has contributed \$60M. We have been reassured that borrowing these funds will in no way hinder current operations or future programs being implemented to accomplish the statutory obligations of DSA.

Available State Construction Funds

Bond Fund Availability

- New Construction: \$1.3B (1 year at current rate)
- Renovation: \$2.5B (2-1/2 years at current rate)
- Prop 1D High Performance \$100M (\$8M used)
- Prop 1D Seismic \$199.5M (\$0 used)
- Career Tech \$200M
- Charter Schools: \$0 Available

Zero Net (Grid Neutral) Workshops

The Zero Net (Grid Neutral) Goal

The goal we are working towards is to have all new school construction include provisions for ultraclean or renewable energy generation that provides for the facility to be grid neutral (i.e., net zero energy on an annualized basis).

Collaborative effort is currently under way with Roy McBrayer (of Governor's Green Team) and Rob Cook (of OPSC).

Zero Net Workshops

- The goal is for schools to not only self-generate all the energy they need, but to also put excess energy back into the grid.
- Workshops determining strategies for making it a reality are being planned for later this August.
 - Comprehensive planning teams.
 - Energy efficient designs.
 - Continued advances in energy generating technology.
 - Innovative financing methods.
 - Operations and maintenance requirements

Zero Net Guide

- A final general workshop will be held in September to finalize the concepts for accomplishing Zero Net.
- A Guide for school boards, superintendents and professionals will be developed and presented at the Green Schools Technology Conference to be held in Anaheim in December 2008.

Questions?