

MEETING MINUTES

DATE: July 29, 2016
TIME: 10:00 AM – 12:00 PM
MAIN LOCATION: California Department of Transportation
Division of Engineering Services
1801 30th Street, Room 102 (Farmers Market 1 Building, 1st Floor)
Sacramento, CA 95816
VIDEO CONFERENCE LOCATION: District 12 Office, Room 333
3337 Michelson Drive, Irvine

Action items in bold text

I. Call to Order

- A. Self-introductions – See sign-in sheet.
- B. Changes to Agenda – No change
- C. Review Previous Meeting Minutes (05/13/16) – No change

II. Update on Caltrans' Enhanced A&E Selection Process (Esther Morris)

Esther provided an update on the “New Enhanced A&E Selection Process”. She stated that Caltrans is still working on reducing the processing time from the planning stage to completing contract stage. It’s not finalized yet. Caltrans will provide SOQ instructions. She suggested that consultants only show the maximum requested number of sample projects in SOQ; any more projects provided will not be reviewed. SOQ reviewed score will be counted as 25% of final score. SOQ check list will be posted. She will send the draft check list for us to review/comment.

Esther also stated Caltrans “Look Ahead Report” on website is posted LIVE (it can be updated by Contract Manager any time when there is a need to update it). For the item of “Future project RFQ cannot be issued until the project has been posted for 60 days”, it’s still not finalized.

For the question if the checklist for financial document is posted on website, Esther answered it will be posted on website soon.

III. Workshops

- A. Potential Fall Workshop (Nien Wang)

Nien reiterated the last meeting discussed items with update as follows:

- 3D/BIM Model – Caltrans is hosting a Bridge Industry Forum on 9/14/2016 to engage the Bridge Industry in California in developing an action plan to implement the use of 3D models for construction. Nien will attend and provide update at next meeting.

- Accelerated Bridge Construction (ABC) – Tom Ostrom had suggested a workshop where Caltrans could get input from consultants about their experience, especially as it relates to local agencies. He is working with Doug Mooradian/PCI West to have 2 precast seminars, one in Sacramento and other one in Southern California. Shannon Post will check with Tom when he gets back.
- Design-Build Panel discussion – Sudhakar Vatti will assist in inviting local agency DB leads for it. It could be leads from OCTA, RCTC, LA Metro and SANDAG. It could be half day event in SCA area and happen next spring or later. Both Jack Abcarius and Syed Kazmi will provide coordination support too.
- Earth Retaining Structures Design – No mention this time
- Maintenance and Rehabilitation – No mention this time

- B. Caltrans Education Committee (Gary Antonucci)
Gary reported on the education committee activities and invited consultants to submit projects for presentation. The August 17th event will be "Network Tied Arch: 6th St Viaduct" Presentation by HNTB.

IV. DES/ACEC Updates

- A. General (Mike Keever/Shira Rajendra)

Shira Rajendra stated Caltrans DES is working on balancing work load and having designers working in the field to balance the work load, and there are minor organizational changes. Jeff Wiley is acting Deputy Design Manager.

- B. Technical: Memo to Designers, Technical Research (Shannon Post)

Shannon provided below updates: (See attachment for details)

Standards and Guidance – Technical Publications

- Bridge Design Aids
- Memos to Designers
- Bridge Standard Detail Sheets (XS Sheets)
- Caltrans Seismic Design Specifications for Steel Bridge – 2nd Edition – June 2016

Construction Contract Standards – July 2016 posting

RSS:

- Section 49, 50, 51, 56, 59 and 90

RSP:

- Type 60P Concrete Barrier
- Drainage inlets (precast and CIP)
- Bridge railings with sidewalk
- Bridge railing (steel post-and-beam)
- Poles, signals and lighting

MASH Implementation

- Concrete Barrier Type 732SW – implementation memo July 27, 2016
- California ST-70 SM – status
- New bridge railing: California ST-75, Concrete Barrier Type 85
- Slip-base poles

ABC: Continuing effort to develop guidance and incorporate ABC into appropriate projects.

C. Project Development Oversight/Contracting Opportunities (Shira Rajendra/Vong Toan)

Vong Toan stated currently Caltrans DES has four contracts on Look Ahead Report (no change from last meeting):

- First two design contracts are Bridge Design PS&E
- The 3rd contract is special finite element analysis, perform modeling.
- The 4th contract is Technical writing.

D. Local Assistance (Robert Peterson) –No Discussion

E. Statewide ACEC Committee (Gary Antonucci)

Gary Antonucci provided update on Statewide ACEC committee news that includes

- Gary reported the results of recent Local Assistance Survey on alternative methods of A&E Procurement (see attachment; Note – no conclusions or further actions have been proposed by Local Assistance yet, this is just sharing of information)

F. State Transportation Innovation Council (Gary Antonucci)

- Gary attended the kickoff meeting of “State Transportation Innovation Council” as one of the committee members, identified several initiatives (ITS, operation, technical, public relation, etc.)
- Gary will be the chairman for the prefabricated bridge components, related more to ABC type of work.

V. Discussion Items

A. Scour Requirement (Shannon Post) – Shannon responded to Jack Abcarius' questions

1. When you design abutment foundations for scour, by providing some type of mitigation (e.g. rip rap as recommended by the hydraulics engineer), do you still have to design the foundation as if there was no rip rap?

Yes, you design the abutments assuming the rip-rap is not there.

2. With respect to the memo requiring that the scour elevations be shown on bridge plans; if scour mitigation is being provided, what elevations should we show? Theoretically, once you've mitigated for the scour, there shouldn't be any, assuming of course that the mitigation is appropriate.

Based on 1. above, you would show the elevation of the design scour.

VI. 2016 Meeting Schedule

~~January 29, 2016 (5th Friday)~~

~~May 13, 2016 (2nd Friday)~~

~~July 29, 2016 (5th Friday)~~

October 28, 2016 (4th Friday)

Post, Shannon H@DOT

To: Post, Shannon H@DOT
Subject: Talking Points for ACEC meeting - July 29, 2016

DES Technical Updates:

Standards and Guidance – Technical Publications

<http://www.dot.ca.gov/des/techpubs/>

- Bridge Design Aids
 - BDA 12-2 Permissible Horizontal Load for Standard Plan and Steel HP Piles – May 2016
 - BDA 12-3 Pile Load Test Details Sheet for CISS Piles up to 800 Kips – April 2016
- Memos to Designers
 - MTD 20-4 (Update) Seismic Retrofit Guidelines for Bridges in California – June 2016
 - MTD 20-7 Seismic Design of Slab Bridges – April 2016
 - MTD 20-9 (Update) Splices in Bar Reinforcement Steel – April 2016
- Bridge Standard Detail Sheets (XS Sheets) – July 2016
 - Updated landing page, BDD 1-16 (plan preparation) and example
 - New borders all sheets
 - 42 sheets (minor, major, new) –Seismic Joint, Bottomless Culverts, Concrete Barrier Type 732SW – User’s Guides
 - 11 sheets moved up to Standard Plans
- Caltrans Seismic Design Specifications for Steel Bridges – 2nd Edition – June 2016

Construction Contract Standards – July 2016 posting

RSS (Descriptions of updates available at OE’s website):

- Section 49, Piling – Several items
- Section 50, Prestressing Concrete – Precast Stress Jack Requirements updates
- Section 51, Concrete Structures – Drainage Inlets updates
- Section 56, Overhead Sign Structures, Standards, and Poles – Standards & Poles updates
- Section 59, Structural Steel Coatings – Manuf. Abrasives & minor revisions updates
- Section 90, Concrete – Returned Plastic Concrete

RSP (Digest of revisions available at OE’s website) 60 sheets:

- Type 60P Concrete Barrier
- Drainage inlets (precast and CIP)
- Bridge railings with sidewalks
- Bridge railings (steel post-and-beam)
- Poles, signals and lighting)

MASH Implementation

- Concrete Barrier Type 732SW – implementation memo July 27, 2016
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ABC: Continuing effort to develop guidance and incorporate ABC into appropriate projects.

ISO 9001, Quality Management: Continuing effort to develop guidance and incorporate ISO (programmatic).

Shannon Post, Chief

Office of Design and Technical Services

Division of Engineering Services

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[DES Contacts](#) | [Products & Services](#) | [DES Website](#)

Caltrans Mission: Provide a safe, sustainable, integrated, and efficient transportation system to enhance California's economy and livability.

Caltrans Vision: A performance-driven, transparent, and accountable organization that values its people, resources and partners, and meets new challenges through leadership, innovation, and teamwork.

A&E CONSULTANT PROCUREMENT SURVEY

DIVISION OF LOCAL ASSISTANCE

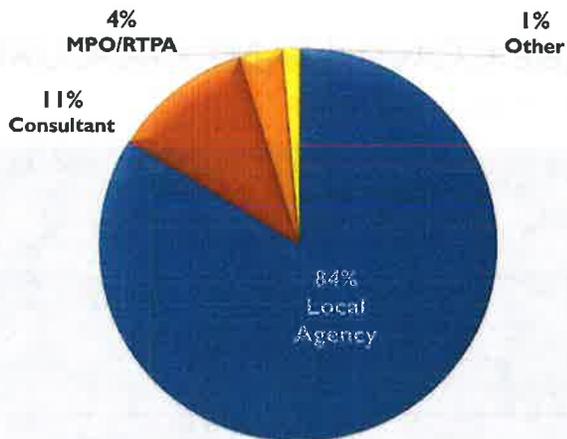


PROPOSAL OPTIONS

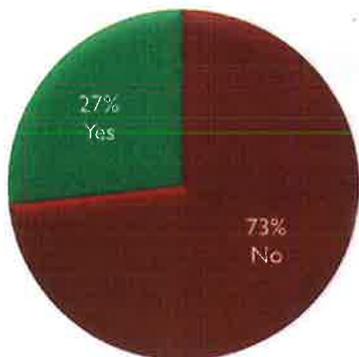
- Option 1 - Caltrans Manages On-Call A&E Consultant Contracts for Local Agencies
- Option 2 - Caltrans Maintains List of Pre-Qualified Consultants for Local Agencies

PARTICIPATION & REPRESENTATION

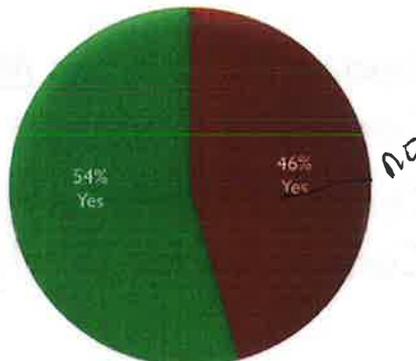
- Survey open April 26 – May 6, 2016
- 370 responses collected



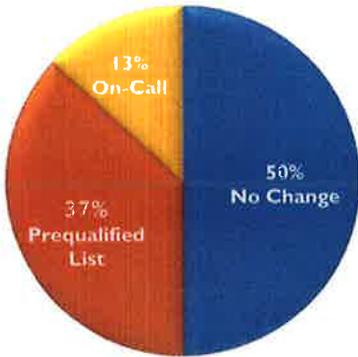
Q3: WOULD ON-CALL BENEFIT YOUR LOCAL AGENCY?



Q4: WOULD PRE-QUALIFIED BENEFIT YOUR LOCAL AGENCY?



Q5: DO YOU PREFER ON-CALL OR PRE-QUALIFIED FOR YOUR LOCAL AGENCY?



Q6: WOULD YOU PREFER YOUR MPO/RTPA OR CALTRANS MANAGE THE EFFORTS?

