



Contra
Costa
County

To: Board of Supervisors
From: Julia R. Bueren, Public Works Director/Chief Engineer
Date: September 20, 2016

Subject: Approve the update to the Board Order dated March 8, 2008 regarding the Engineering Manuals used by Public Works and the Flood Control District

RECOMMENDATION(S):

APPROVE the Public Works Department and Flood Control and Water Conservation District to use the current versions of the appropriate engineering manuals and specifications in the course of their work, as those manuals and specifications are superseded by County ordinance.

APPROVE that further exceptions in the application of the provisions within the manuals will be made from time to time by the Public Works Director or the Director's designee. Where a choice of standards exists, the Director, or designee, will determine the applicable standard under the circumstances.

FISCAL IMPACT:

No fiscal impact.

BACKGROUND:

The manuals and specifications listed herein are generally accepted in California as standards in the field of civil and architectural engineering. By recognizing their use, the

☒ APPROVE

☐ OTHER

☒ RECOMMENDATION OF CNTY ADMINISTRATOR

☐ RECOMMENDATION OF BOARD COMMITTEE

Action of Board On: **09/20/2016** ☒ APPROVED AS RECOMMENDED ☐ OTHER

Clerks Notes:

VOTE OF SUPERVISORS

AYE: John Gioia, District I
Supervisor
Candace Andersen, District II
Supervisor
Federal D. Glover, District V
Supervisor

ABSENT: Mary N. Piepho, District III
Supervisor
Karen Mitchoff, District IV
Supervisor

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

ATTESTED: September 20, 2016

David Twa, County Administrator and Clerk of the Board of Supervisors

By: Stacey M. Boyd, Deputy

Contact: Carrie Ricci, (925)
313-2235

cc:

Board will reduce public misunderstanding and further the achievement of consistency in improvements plan and construction plan submittal.

Recognize Manuals:

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BACKGROUND: (CONT'D)

County Ordinance Code

- County Standard Plans
- County Special Provisions
- California Manual on Uniform Traffic Control Devices
- California Vehicle Code
- California Streets and Highways Code
- CalTrans Traffic Manual
- CalTrans Plans Preparation Manual
- CalTrans CADD Users Manual
- CalTrans Local Assistance Procedure Manual
- CalTrans Standard Plans
- CalTrans Standard Specifications
- CalTrans Surveys Manual
- CalTrans Construction Manual
- CalTrans Highway Design Manual
- CalTrans Site Best Management Practices Manual
- CalTrans Bridge Design Specifications
- CalTrans Bridge Design Details
- CalTrans Bridge Design Aids
- FHWA Manual on Uniform Traffic Control Devices
- AASHTO Roadside Design Guide
- AASHTO Policy on Geometric Design of Highways and Streets
- AASHTO LRFD Bridge Design Specifications
- Stormwater C.3 Guidebook
- Subdivision Map Act
- U.S. Access Board ADA Standards

CONSEQUENCE OF NEGATIVE ACTION:

Not recognizing the standards currently used by the Public Works Department and Flood Control and Water Conservation District may lead to inconsistent staff interpretations and confusion on the part of the professional and general public.