



# City of Chula Vista

## Staff Report

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**File#:** 17-0106, **Item#:** 4.

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RESOLUTION NO. 2017-209 OF THE CITY COUNCIL OF THE CITY OF CHULA VISTA ADOPTING THE 2017 CITY OF CHULA VISTA STANDARD SPECIAL PROVISIONS AND OTHER REFERENCE DOCUMENTS GOVERNING ENGINEERING AND CONSTRUCTION STANDARDS, AND AUTHORIZING THE CITY ENGINEER OR DESIGNEE TO ADOPT AND APPROVE ON BEHALF OF THE CITY FUTURE EDITIONS OF AND AMENDMENTS TO THE STANDARD SPECIAL PROVISIONS AND REFERENCE DOCUMENTS GOVERNING ENGINEERING AND CONSTRUCTION STANDARDS

### **RECOMMENDED ACTION**

Council adopt the resolution.

### **SUMMARY**

City staff has prepared revisions to the City of Chula Vista Standard Special Provisions. The Special Provisions amend the Standard Specifications for Public Works Construction ("Greenbook") for projects within the City's jurisdiction.

City staff has also revised the Chula Vista Public Works Design and Construction Standards, 2002 Edition, to reflect changes in standard engineering practices and current planning policies affecting public works and subdivision design. Said revised standards have been renamed the "City of Chula Vista Department of Engineering and Capital Projects Design and Construction Standards, 2017".

### **ENVIRONMENTAL REVIEW**

#### **Environmental Notice**

The activity is not a "Project" as defined under Section 15378 of the California Environmental Quality Act State Guidelines; therefore, pursuant to State Guidelines Section 15060(c)(3) no environmental review is required.

#### **Environmental Determination**

The Director of Development Services has reviewed the proposed activity for compliance with the California Environmental Quality Act (CEQA) and has determined that the activity is not a "Project" as defined under Section 15378 of the State CEQA Guidelines because it will not result in a physical change in the environment; therefore, pursuant to Section 15060(c)(3) of the State CEQA Guidelines, the activity is not subject to CEQA. Thus, no environmental review is required.

### **BOARD/COMMISSION RECOMMENDATION**

Not applicable.

## **DISCUSSION**

### Chula Vista Standard Special Provisions

The Standard Specifications for Public Works Construction, also known as the “Greenbook”, provides general specifications used in Public Works construction projects. Most local agencies use the “Greenbook” to provide contractors with more uniformity when competitively bidding projects.

It is standard practice for cities to implement changes to the “Greenbook” that address the design and construction requirements for projects within the City’s jurisdiction. The proposed City of Chula Vista Standard Special Provisions, dated November 2017, have been revised to include the City’s changes to “Part I, General Provisions” as well as to “Part 2, Construction Materials”. This will eliminate the need to reproduce these amendments to the Special Provision items in our CIP contracts.

Revisions have also been made to reference the edition of the Greenbook currently adopted by the City. Any mention of a specific year’s edition is now omitted. This will eliminate the continual need to update the City’s Special Provisions merely to reference a newly adopted edition of the Greenbook.

### Public Works Design and Construction Standards

The proposed 2017 Design and Construction Standards revises the July 2015 edition and is recommended for approval. This document provides design guidelines and/or specifications for the design and construction of public facilities (e.g. streets, drainage systems, sewer systems, street lights, traffic signals). These revisions to the Standard Drawings and Specifications are recommended in order to strengthen our design standards (i.e. construction details, types of construction materials, construction methods, and alternate products). Examples of the changes to the Design and Construction Standards are: revision of the document title to reflect the stewardship of these standards being that of the Department of Engineering and Capital Projects; renumbering of the standard drawings to allow for the combining of Design and Construction drawings into “groups” by type of work (e.g. “Grading”, “Drainage”, “Sewer”); all drawings redrafted to provide a uniform appearance throughout; and the addition of new trench repair requirements for streets under moratorium.

### Adoption of Current Engineering and Construction References

In order to ensure that the City is utilizing the latest applicable state standards, staff recommends that the current editions of the following references be adopted:

1. 2015 California Department of Transportation Standard Plans (“Caltrans Standard Plans”)
2. 2015 California Department of Transportation Standard Specifications (“Caltrans Standard Specifications”), and
3. 2014 California Manual on Traffic Control Devices (“MUTCD”), Revision 2

### Authorization of City Engineer or Designee

As with Resolution 2016-003, which authorized the City Engineer to approve future updates to the

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City of Chula Vista BMP Design Manual, this Council action will authorize the City Engineer or designee to adopt new editions and approve amendments to the reference documents below on behalf of the City:

1. City of Chula Vista Subdivision Manual (on a form prescribed or approved by the City Attorney)
2. Standard Specifications for Public Works Construction (“Greenbook”)
3. San Diego Regional Supplement to Standard Specifications for Public Works Construction
4. San Diego Regional Standard Drawings
5. City of Chula Vista Standard Special Provisions (on a form prescribed or approved by the City Attorney)
6. Chula Vista Department of Engineering and Capital Projects Design and Construction Standard Drawings
7. Caltrans Standard Plans
8. Caltrans Standard Specifications
9. MUTCD
10. Other reference documents governing engineering and construction standards

**DECISION-MAKER CONFLICT**

Staff has reviewed the decision contemplated by this action and has determined that it is not site-specific and consequently, the 500-foot rule found in California Code of Regulations Title 2, section 18702.2(a)(11), is not applicable to this decision for purposes of determining a disqualifying real property-related financial conflict of interest under the Political Reform Act (Cal. Gov't Code § 87100, et seq.).

Staff is not independently aware, and has not been informed by any Council member, of any other fact that may constitute a basis for a decision maker conflict of interest in this matter.

**LINK TO STRATEGIC GOALS**

The City’s Strategic Plan has five major goals: Operational Excellence, Economic Vitality, Healthy Community, Strong and Secure Neighborhoods and a Connected Community. The adoption of the Chula Vista Standard Special Provisions - dated November 2017, the Chula Vista Department of Engineering and Capital Projects Design and Construction Standards, 2017 Edition, the California Department of Transportation Standard Plans, 2015 Edition, and the 2015 California Department of Transportation Standard Specifications supports Operational Excellence as it allows the City to take advantage of the latest achievements in construction materials and construction methods developed specifically to our region.

**CURRENT YEAR FISCAL IMPACT**

The adoption of these updated documents will have a minimal fiscal impact to the General Fund for purchasing and printing costs estimated at \$500. These costs are included in the FY2017-2018 Engineering and Capital Projects Department’s budget.

**ONGOING FISCAL IMPACT**

There are no ongoing fiscal impacts associated with adoption of these updated documents.

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**ATTACHMENTS**

1. 2017 City of Chula Vista Standard Special Provisions
2. 2017 City of Chula Vista Design and Construction Standards

*Staff Contact: Alan Reyes, Associate Civil Engineer Department of Engineering and Capital Projects*