

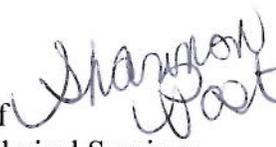
# Memorandum

*Serious drought.  
Help Save Water!*

**To:** ALL USERS OF THE BRIDGE  
STANDARD DETAILS SHEETS (XS)

**Date:** October 14, 2016

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

**From:** SHANNON POST, Chief   
Office of Design and Technical Services  
Structure Policy and Innovation  
Division of Engineering Services

**Subject:** BRIDGE STANDARD DETAIL SHEETS (XS) – OCTOBER 2016 POSTING

We are pleased to announce the October 2016 posting to the Bridge Standard Details (XS) webpage at: <http://www.dot.ca.gov/des/techpubs/bsds.html>

Bridge Standard Details (XS) are developed and maintained by the Division of Engineering Services (DES) Technical Organization. The sheets contain pre-engineered details for a variety of structural systems, such as earth retaining systems, bridge railings and underground structures. Bridge standard details are not Standard Plans and are subject to frequent modification.

The details are considered to be “Project Plans” for contract administration purposes in accordance with Section 5-1.02 “Contract Components”, of the Standard Specifications.

Summary Table:

Number of Sheets	Type of Revision
6	Minor Revisions
0	Major Revisions
7	New Sheet
0	Archive

Attached is a detailed description of the revisions to each sheet.

Send general questions regarding the usage of XS sheets to “DES Design and Technical Services @ dot.ca.gov”. Send technical questions to the applicable Technical Specialist or Technical Committee Manager.

Attachment

Summary of Revisions to Bridge Standard Detail Sheets (XS) October 2016.

**Attachment: Summary of Revisions to Bridge Standard Detail Sheets (XS)**  
**October 2016**

XS Sheet Number	XS Sheet Title	Previous Approval	Type of Revision	Summary of Revisions
<b>Section 1 BRIDGE SUPERSTRUCTURE</b>				
xs1-123-1	PC/Pretensioned Wide Flange Girder (Debonded Strands)		New Sheet	New Sheet - Wide Flange Girder
xs1-123-2	PC/Pretensioned Wide Flange Girder (Debonded Strands Misc Details)		New Sheet	New Sheet - Wide Flange Girder
xs1-124-1	PC/Pretensioned Wide Flange Girder (Harped Strands)		New Sheet	New Sheet - Wide Flange Girder
xs1-124.2	PC/Pretensioned Wide Flange Girder (Harped Strands Misc Details)		New Sheet	New Sheet - Wide Flange Girder
<b>Section 7 BRIDGE SEISMIC</b>				
xs7-081	300 Kip Pipe Seat Extender (Retrofit)		New Sheet	New Sheet - Pipe Seat Extender
xs7-082	200 Kip Pipe Seat Extender (Retrofit)		New Sheet	New Sheet - Pipe Seat Extender
xs7-083	135 Kip Pipe Seat Extender (Retrofit)		New Sheet	New Sheet - Pipe Seat Extender
<b>Section 8 BRIDGE JOINT SEALS</b>				
xs8-070-9	Seismic Joint (Type I, Full Channel) Optional Barrier Detail	July 2016	Minor Revisions	Updated details A and B
xs8-080-2	Seismic Joint (Type I, Half Channel) Deck Plate Details No. 1	July 2016	Minor Revisions	Corrected dimension
xs8-080-9	Seismic Joint (Type I, Half Channel) Optional Barrier Detail	July 2016	Minor Revisions	Updated details A and B
xs8-090-9	Seismic Joint (Type II, Full Channel) Optional Barrier Detail	July 2016	Minor Revisions	Updated details A and B

**Attachment: Summary of Revisions to Bridge Standard Detail Sheets (XS)**

**October 2016**

XS Sheet Number	XS Sheet Title	Previous Approval	Type of Revision	Summary of Revisions
xs8-100-9	Seismic Joint (Type II, Half Channel) Optional Barrier Detail	July 2016	Minor Revisions	Updated details A and B
<b>Section 16 BARRIERS AND RAILINGS</b>				
xs16-200	Chain Link Railing Type 6	October 2014	Minor Revisions	Concrete Barrier Type 26 is replaced with Concrete Barrier Type 732SW Post Anchorage Detail dimension revised