

Attachment: Summary of Revisions to Bridge Standard Detail Sheets (XS)  
January 2026

XS Sheet Number	XS Sheet Title	Previous Approval	Type of Revision	Notes
Section 12	EARTH RETAINING SYSTEMS			
xs12-040	Sub Horizontal Ground Anchor Details	July 2014	Minor Revision	Updated AASHTO LRFD design specifications to 8th Edition with CA amendments. Increased length of steel tube from 3'-0" to 4'-0". Added minimum embedment length of steel tube into undisturbed soil. Changed the fpu of bars and strands to 0.75 to comply with CA amendments. Added "Drilled hole diameter to be determined by contractor". Added level of initial grout for drilled holes greater than 6" diameter.
xs12-060-1	Soldier Pile Wall with Walers- Details No. 1	Oct 2014	Major Revision	Revised notes Revised Typical Section Revised Waler Part Elevation Revised Detail C Revised Section A-A Revised Section B-B Deleted one anchor from Typical Section
xs12-060-2	Soldier Pile Wall with Walers- Details No. 2	Oct 2014	Major Revision	Updated to AASHTO LRFD 8th edition with CA amendments Removed pile welding details. Pile welding details included in specs Revised General Notes: Deleted steel pile and tendon ASTM designations Revised soil parameter call outs Added concrete anchors Revised Live Load note Revised 'CLEAN & PAINT STEEL SOLDIER PILE" Detail Revised Section C-C Revised Section D-D
xs12-080	Soldier Pile Wall Lagging Details	July 2014	Minor Revision	Added notes to lagging details. Revised shim detail. Revised Section A-A (lagging cross section detail). Added detail to "PART PLAN". Added "LAGGING CORNERS TRIM DETAIL". Revised notes and Added lagging bearing detail

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Section 16	BARRIERS AND RAILINGS			
xs16-128-1	Concrete Barrier Type 86HWS - Details No. 1	-	New Sheet	
xs16-128-2	Concrete Barrier Type 86HSW - Details No. 2	-	New Sheet	
xs16-128-3	Concrete Barrier Type 86HSW - Details No. 3	-	New Sheet	
xs16-128-4	Concrete Barrier Type 86HSW - Details No. 4	-	New Sheet	
xs16-128-5	Concrete Barrier Type 86HSW - Details No. 5	-	New Sheet	
xs16-128-6	Concrete Barrier Type 86HSW - Details No. 6	-	New Sheet	