

Attachment: Summary of Revisions to Bridge Standard Detail Sheets (XS)
April 2024

XS Sheet Number	XS Sheet Title	Previous Approval	Type of Revision	Notes
Section 16	BARRIERS AND RAILINGS			
xs16-115-1	California ST-70SM Side Mounted Bridge Rail – Details No. 1	Oct 2019	Major Revisions	Revised sheets to implement a MASH compliant design of the AGT-B to reduce the vehicle snag of a vehicle where the thrie beam element connects to a rigid concrete connection.
xs16-115-2	California ST-70SM Side Mounted Bridge Rail – Details No. 2	Oct 2019	Major Revisions	Revised sheets to implement a MASH compliant design of the AGT-B to reduce the vehicle snag of a vehicle where the thrie beam element connects to a rigid concrete connection.
xs16-115-3	California ST-70SM Side Mounted Bridge Rail – Details No. 3	Oct 2019	Minor Revisions	Revised sheets mainly to clarify the expansion splice detailing.
xs16-115-4	California ST-70SM Side Mounted Bridge Rail – Details No. 4	Oct 2019	Minor Revisions	Revised sheets mainly to clarify the cable end detailing. Also added minor dimensions and call-outs for clarity.
xs16-115-5	California ST-70SM Side Mounted Bridge Rail – Details No. 5	-	New Sheet	Added new sheet to address adding MASH2016 complaint parapet shoe details.
xs16-115-6	California ST-70SM Side Mounted Bridge Rail – Details No. 6	-	New Sheet	New Sheet showing Thrie-Beam connetion to the concrete anchor block using 6 Bolts rather than 4 Bolts. Dual chamfer detail is clear to avoid vehicle snagging.
xs16-118-1	Concrete Barrier Type 85SW – Details No. 1	July 2021	Major Revisions	Revised sheets to implement a MASH compliant design of the AGT-B to reduce the vehicle snag of a vehicle where the thrie beam element connects to a rigid concrete connection. Type 85SWA detail moved to Details No. 2 sheet to mimic Type 86H and Type 85 plan set.
xs16-118-2	Concrete Barrier Type 85SW – Details No. 2	July 2021	Major Revisions	Revised sheets to implement a MASH compliant design of the AGT-B to reduce the vehicle snag of a vehicle where the thrie beam element connects to a rigid concrete connection. Longitudinal Section and Expansion Joint Details moved from Details No. 1 sheet to this sheet.
xs16-118-3	Concrete Barrier Type 85SW – Details No. 3	July 2021	Major Revisions	Revised sheets to implement a MASH compliant design of the AGT-B to reduce the vehicle snag of a vehicle where the thrie beam element connects to a rigid concrete connection. Added Isometric View of Post Face Transition End Block And Dual End Block Chamfers.
xs16-118-4	Concrete Barrier Type 85SW – Details No. 4	July 2021	Minor Revisions	Revised sheet mainly to add a cast-in-place threaded rod for the handrail anchor into the barrier as opposed to a D&B threaded rod.
xs16-118-5	Concrete Barrier Type 85SW – Details No. 5	-	New Sheet	New Sheet showing Thrie-Beam connetion to the concrete anchor block using 6 Bolts rather than 4 Bolts.