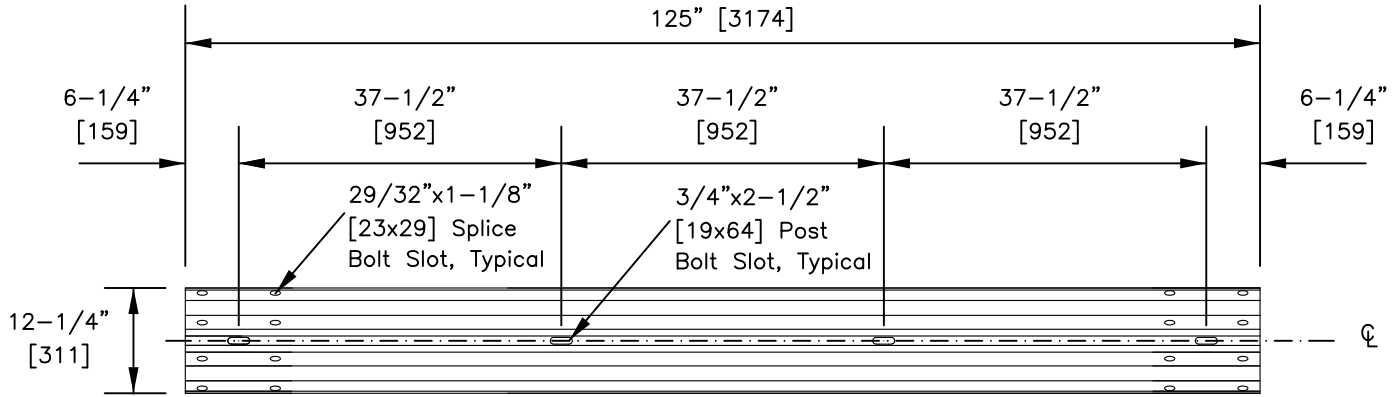
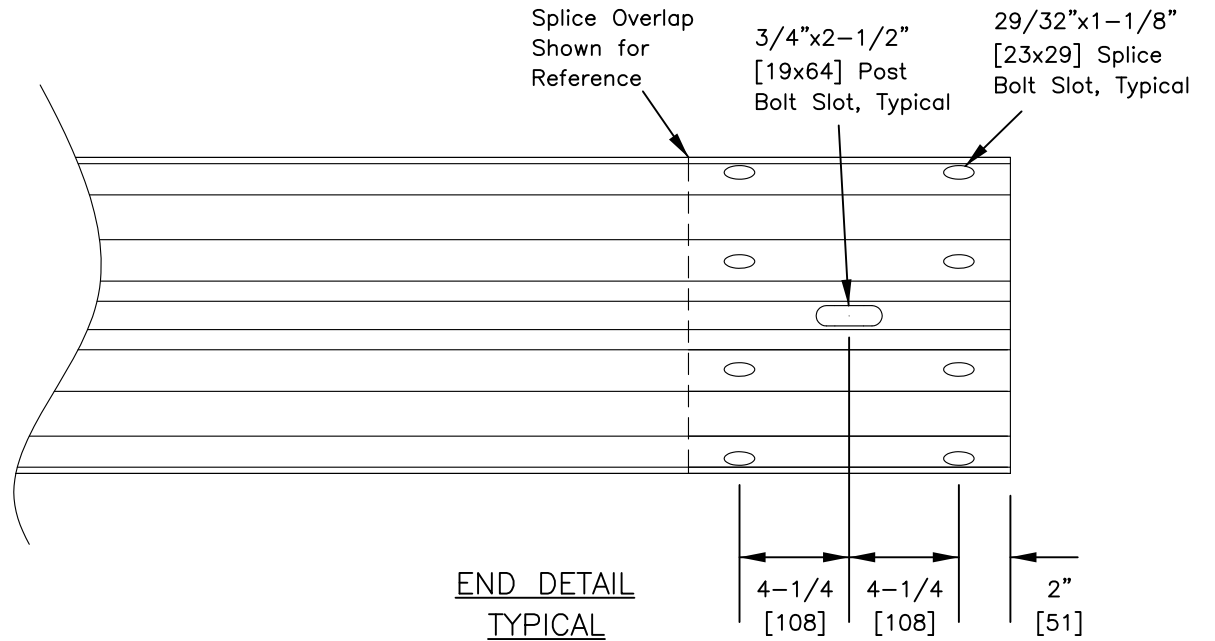
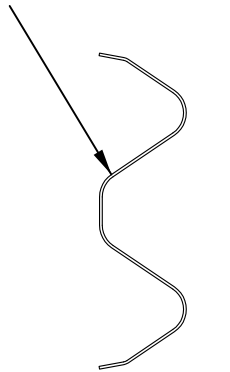


3-SPACE W-BEAM GUARDRAIL for SPLICE TRANSITION



Designator	Base Metal Thickness
RWM05a	12 Gauge [2.67]
RWM05b	10 Gauge [3.43]

Cross-Section Dimensions for this part are the same as Part RWM02a-b, Sheet 3 of 4.



## SPECIFICATIONS

Corrugated sheet steel w-beam shall conform to the current requirements of AASHTO M180. The section shall be manufactured from sheets with a nominal width of 19" [483]. RWM05a shall conform to AASHTO M180 Class A and RWM05b shall conform to Class B. Inertial properties are calculated for the whole cross-section without a reduction for holes or slots.

Designator	Base Metal Thickness Gauge [mm]	Area in <sup>2</sup> [10 <sup>3</sup> mm <sup>2</sup> ]	I <sub>x</sub> in <sup>4</sup> [10 <sup>6</sup> mm <sup>4</sup> ]	I <sub>y</sub> in <sup>4</sup> [10 <sup>6</sup> mm <sup>4</sup> ]	S <sub>x</sub> in <sup>3</sup> [10 <sup>3</sup> mm <sup>3</sup> ]	S <sub>y</sub> in <sup>3</sup> [10 <sup>3</sup> mm <sup>3</sup> ]
RWM05a	12 [2.67]	2.01 [1.3]	2.40 [1.0]	--	1.40 [23.0]	--
RWM05b	10 [3.43]	2.63 [1.7]	3.12 [1.3]	--	1.77 [29.0]	--

Dimensional tolerances not shown or implied are intended to be those consistent with the proper functioning of the part, including its appearance and accepted manufacturing practices.

## INTENDED USE

The RWM05a-b w-beam guardrail section is used in transitions from at-post to mid-span splices and other guardrail systems.

## CONTACT INFORMATION

Task Force 13 (TF13)  
a Non-Profit Association  
<https://TF13.org>

## 3-SPACE W-BEAM GUARDRAIL for SPLICE TRANSITION

**RWM05a-b**



SHEET NO.

DATE

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11/15/2022