SPECIAL ATTENTION

SECTION 606 – GUARDRAIL

W-BEAM GUARDRAIL

There may be situations where standard beam guardrail, set at 31 inches high as required by the mid-splice guardrail system, will need to be connected to beam guardrail terminals that have only been crash tested at 27 inches high or bridge approach units that are designed at 27-inches high. This may reflect an existing or new installation. Similarly, new standard beam guardrail may be connected to existing beam guardrail that is not at the 31-inch height as stated above. In those circumstances, transition the height of the new standard beam guardrail over 50 feet to connect to the existing rail, terminal unit, or bridge approach unit (transition will be subsidiary to 606 Items).

Set the EAGRT heights according to the manufacturer's recommendation, as accepted under the Manual for Assessing Safety Hardware (MASH) - 2016 criteria. All other terminals, including but not limited to, ELT, MELT, and the CRT, shall be set at the crash acceptance height of 27-inch unless otherwise accepted under crash test acceptance for a higher height.