



SAFENCE

HIGH TENSION CABLE BARRIER SYSTEM

SAFENCE is proudly manufactured in the U.S. exclusively by Gregory Highway. In medians and embankment slopes where forceful collisions are common, SAFENCE is the top cable barrier solution. On impact, the cables gain lateral resistance and remain restrained by the end anchors, helping to safely redirect vehicles.



GREGORY
HIGHWAY

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Reliability 
AT EVERY TURN



Safely redirect vehicles on impact

SAFENCE has gained popularity as a high-tension cable barrier (HTCB) for the prevention of forceful cross median accidents with higher probabilities of serious injuries or death. It can be configured as a TL-3 or TL-4 for use with three or four cables and altered post spacing depending on your deflection requirements. SAFENCE uses extensive crash testing in accordance with modern safety standards and meets all Buy America requirements.

SAFENCE specifications

▶ CABLE

Pre-stretched (recommended) or standard 3/4-in. 3-by-7 steel cables are manufactured in accordance with ASTM A741, AASHTO M30, Type 1 and Class A coating requirements. Cables are tensioned per the SAFENCE tensioning chart.

▶ POST

The C-shaped post is a cold rolled design, fabricated from ASTM A50 steel and galvanized per ASTM A123 requirements. Each post is slotted to hold cable inside, and varying post spacing is dependent upon working width requirements. The C-shaped post may be direct driven or socketed to meet state specifications.

▶ CABLE HARDWARE

Machine swaged fittings are field applied for added durability and safety.

▶ INSTALLATION

Install according to the SAFENCE recommended installation guidelines, standard drawings and state specifications. Measurement is by the linear foot between end terminals. End terminals are measured per each.

▶ POST HARDWARE

Plastic hardware within the post keeps cable heights consistent throughout the system. A stiffening plate at ground level helps to resist bending, and a stainless-steel stiffening frame between the top and second cables reinforces post strength. A steel hook is added to retain cables within the post center slot.

▶ END TERMINALS

SAFENCE HTCB end terminals are designed as gating terminals and can be used on all SAFENCE HTCB systems. SAFENCE is the only system proven not to release the cables after impact, helping to ensure tension throughout the system after a collision. Terminals can be cast in place, prefabricated or steel anchor assembled with no concrete needed.



SAFENCE Slope Barrier

While SAFENCE HTCB can be used on 6H:1V or 4H:1V slopes, SAFENCE Slope Barrier features a unique post design and hardware for roadside barriers installed on embankment slopes of 2H:1V. Typical slope barrier installation is 1ft. behind the break point. SAFENCE Slope Barriers are designed to safely redirect vehicles going out over the slope or following the slope grade. The system can be configured with three or four cables, allows more space on roadways and meets MASH criteria.



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