

ENERGY ABSORPTION
SYSTEMS INC

SC103

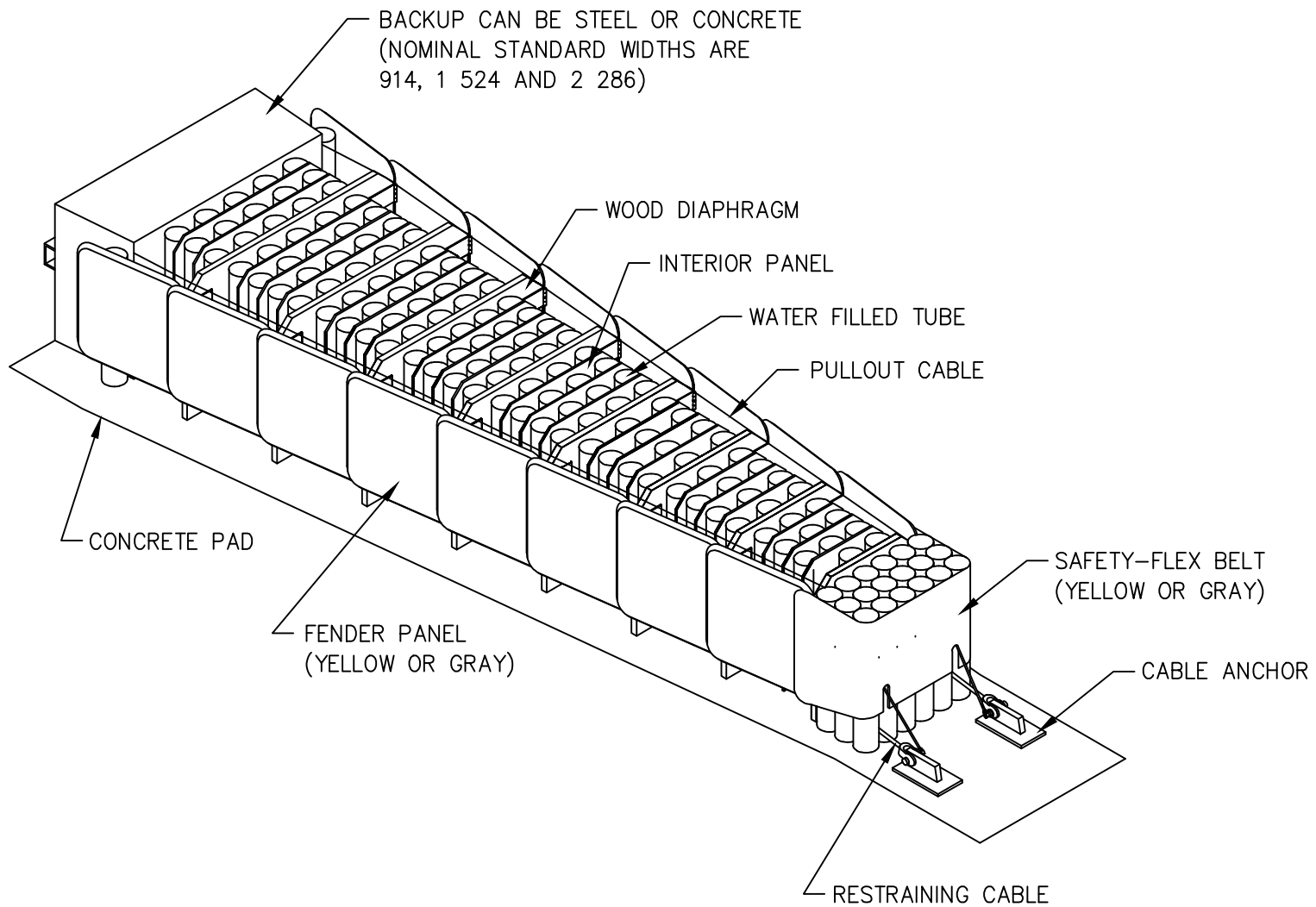
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HI-DRO® SANDWICH SYSTEM

1994



LENGTH VARIES DEPENDING
ON DESIGN SPEED FOR SITE

DESCRIPTION

The Hi-Dro Sandwich System is an ideal crash cushion for many wide hazard, high-frequency impact areas. It is ideal for hazards in busy traffic areas, gores at exit ramps, bridge piers, and bifurcations on high-volume highways. The Hi-Dro cushion provides motorist protection at impact angles from head-on up to 15 degrees and at speeds up to 113 kph.

The Hi-Dro System consists of a series of flexible cartridges filled with a water-and-antifreeze mixture placed between solid diaphragms in a multi-layered sandwich construction. When a Hi-Dro cushion is struck, the force of the impact is absorbed as the liquid is pushed out.

The key to the Hi-Dro System's cost effectiveness is its exceptional reusability. It withstands numerous impacts without sever damage, and after most impacts only the expelled liquid needs to be replaced.

• Non-gating	Length =	3035 mm (4 bay) to
• Redirecting		8522 mm (12 bay)
• Non-pocketing	Width =	(standard) min 1245 mm
• Bidirectional or unidirectional		(standard) max 2642 mm
• Very High Reusability	Design Speed	variable up to 113 kph

CONTACT INFORMATION

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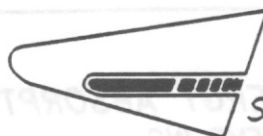
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