CLEAR ANTI-REFLECTION FILM
offers a long-lasting and textured surface for optimal traction.

PHOTOVOLTAIC FILM
Harvests just as much energy from the sun as a traditional solar cell but operates better under high temperature conditions, is durable, lightweight and very flexible.

FLEXIBLE HEATING ELEMENT
has a high tensile strength and is durable. Ideal for extreme temperature environments.

THIN LAYER OF ADHESIVE
bonds the mat to the road surface. Effective during all seasons.

Bridges follow air temperature very closely, because they are exposed to the elements above and below. Unlike roads they are unable to take advantage of the heat from the earth’s soil, causing them to freeze as soon as the temperature hits 32° F. A one time installation of FLEX HEAT will eliminate the need for the sign “Bridge Ices Before Road”. Each pad generates its own electricity using a photovoltaic film that powers a flexible heater causing ice and snow to melt.