Typical freeze protected bridge span using CARAPACE Rural or Municipal pipe or Paladin or EXT External heating cable sets.
With FS box, use CS (Cord-set version) and take cord directly into FS box.
Protect at panel with 10mA MilliAMP device by Heat-Line as shown.

Below Frost Line

3 or 4-inch PVC conduit

Air space between insulation and conduit

1-inch certified polyethylene pipe

Paladin or CARAPACE cable

Close cell insulating sleeve

Power supply in conduit or Tekk 90 power cable

Typical Post Power Supply

FS box and cover

SJE00W cold lead cable

Typical MilliAMP Installation in Building

Electrical panel

Cold lead to heating cable

10 M.A. GFCI MilliAMP

Important: All information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each product for their particular application. Heat-Line a Division of Christopher MacLean Ltd. makes no warranties as to the accuracy or completeness of the information, and disclaims any liability regarding its use. Heat-Line’s only obligations are those in the Heat-Line Standard Terms and Conditions of Sale for this product, and in no case will Heat-Line be liable for any incidental, indirect, or consequential damages arising from the sale, resale, use, or misuse of the product. Specifications are subject to change without notice. In addition, Heat-Line reserves the right to make changes—without notification to Buyer—to processing or materials that do not affect compliance with any applicable specification.