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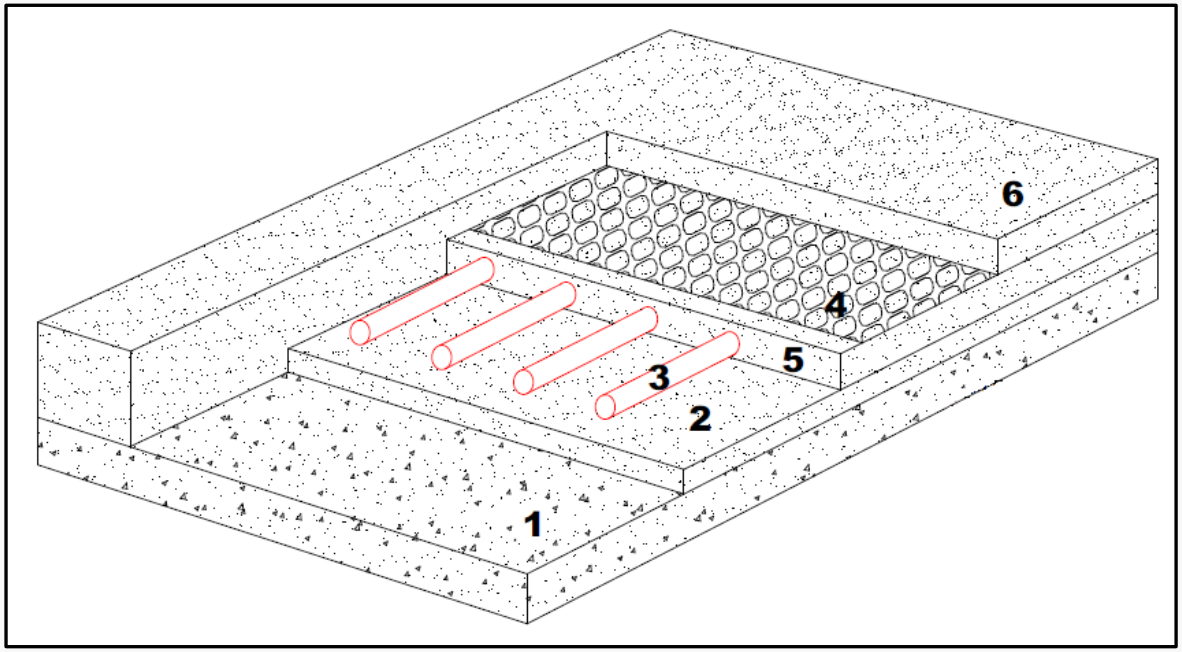
MI Heating Cable – Typical Mastic on Concrete Cross Section

Mastic on Concrete Notes:

1) CLEANED CONCRETE SURFACE
2) MASTIC BASE SLAB
• Install a 1” mastic base layer over the top of the concrete base (or use the existing asphalt layer)
3) TRM HEATING CABLES SECURED BY Galvanized or Stainless steel PRE-PUNCHED Strapping
• Secure the pre-punched strapping at 3 ft intervals to the base layer of asphalt using anchors/screws.
• Serpentine the cable across the area using the prepunched strapping to secure it into position
If using a slab sensing thermostat, install a 0.5” metal conduit between two runs of heating cable and away from high concentrations of heating cable.

Do not install the thermostat at this time!

4) PLACE FLAT ROLLED STEEL MESH DIRECTLY ON HEATING CABLES
5) MASTIC BEDDING COAT
• Apply a 0.5” thick mastic embedding coat whilst being careful not to damage the cables.
6) 2” (50.8 MM) TOTAL THICKNESS OF MASTIC ASPHALT TRAFFIC-WEARING SURFACE w/ EITHER A MECHANICALLY EMBOSSED OR DIMPLED FINISH
• Apply mastic traffic coat once the previous coat(s) have set.
8) Once the mastic traffic coat has set, install the thermostat sensing bulb in the conduit



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Thermal Resources Management TRM Heating Cables	**Drawn by: IP**	**Approved: _____**
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