

Add the below paragraph to complement your existing specifications with the inclusion of Insignia end seals in order to seal the area between the host pipe and the new CIPP. The specification and the specified product are designed for use with CIPP, Fold & Form or Deformed & Reformed pipe lining rehabilitation projects. This specification should be included in the sections for "MATERIALS FOR MAINLINES" in the lining specifications section.

Contractor is to install seamless hydrophilic gaskets (SMHG) End Seals at all manhole penetrations prior to mainline rehabilitation. The end seals must conform to ASTM F3240-19. They must have the capability of expanding 800% by volume. The use of caulking, rope or band type of an end seal will not be allowed. Acceptable End Seals are Insignia™ End Seals by LMK Enterprises, 1779 Chessie Lane, Ottawa, IL 61350 (815) 433-1275, or pre-approved equal.