# Hospital Tunnel Water Seal

**Elizabeth, NJ**

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| • Subsurface groundwater infiltrating into one pedestrian tunnel and one utility tunnel connecting the hospital towers.  
• The hospital must remain operational for patient care with no downtime of utilities and access. | • Injecting along the circumference into the failed joint to seal it and restrict groundwater movement into both tunnels.  
• Injections were made at 4’ O.C. linear grid pattern. Laser levels insured no topside sidewalk lift. | • Maser Consulting  
• Facilities Manager and hospital administration offered full access.  
• Pre-construction meeting  
• On-site installation | • **Minimal impact:** Work performed with no interruption of hospital operations.  
• **Quick Installation:** Project was completed in one day.  
• **Result:** Tunnel remained dry throughout subsequent heavy rains. |