

Client Contact:
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- Services Provided:**
- **Construction Observation and Materials Testing**
 - **Remediation Recommendations**

Project Summary:

Cesare, Inc. (Cesare) provided construction observation and materials testing for the owners representative on the Westminster pipeline replacement project, Phase 1 and 2. The project consisted of replacing 11,315 lineal feet of sanitary sewer pipeline and 14,679 lineal feet of waterline for the City of Westminster. Cesare provided construction observation and materials testing on utility trench backfill and hot mixed asphalt (HMA) patch placement. Testing conducted during construction indicated potential issues with the quality of the placed HMA. Cesare performed post-placement testing on the HMA patches to provide recommendations on remediation.

