

GeoTesting Express, Inc. (GTX), is fully equipped to test and evaluate aggregates for use in asphalt concrete, Portland cement concrete and other construction products.

We are accredited by AASHTO and validated by the U.S. Army Corps of Engineers for performing aggregate testing.

Capabilities of GeoTesting Express' Aggregate Testing

GeoTesting Express follows ASTM, AASHTO and U.S. Army Corps of Engineers test standards. We participate in the AASHTO proficiency testing program and consistently receive the highest possible rating. Our experienced staff participates in the American Society for Testing and Materials (ASTM), working to develop new test standards and improve existing ones. We can assist in developing project-specific specifications.

| Typical Aggregate Tests Performed | Test Method |
|---|---------------------------------------|
| Calcium Carbonate Content of Aggregate | ASTM D3042 |
| Clay Lumps and Friable Particles | ASTM C142 / AASHTO T 112 |
| Flat and Elongated Particles | ASTM D4791 |
| Fine Aggregate Angularity | ASTM C1252 / AASHTO T 304 |
| Fractured Faces | ASTM D5821 |
| Lightweight Pieces | ASTM C123 / AASHTO T 113 |
| Organic Impurities | ASTM C40 / AASHTO T 21 |
| Resistance to Degradation by Los Angeles Abrasion | ASTM C131 / C535 / T 96 |
| Sand Equivalent | ASTM D2419 / AASHTO T 176 |
| Sieve Analysis & % Passing #200 Sieve | ASTM C136 / C117 / AASHTO T 27 / T 11 |
| Soundness by Freezing and Thawing | AASHTO T103 |
| Soundness by Sodium Sulfate or Magnesium Sulfate | ASTM C88 / AASHTO T 104 |
| Specific Gravity and Absorption—Coarse Aggregate | ASTM C127 / AASHTO T 85 |
| Specific Gravity and Absorption—Fine Aggregate | ASTM C128 / AASHTO T 84 |
| Total Moisture Content | ASTM C566 / AASHTO T 255 |
| Unit Weight and Voids | ASTM C29 / AASHTO T 19 |

For More Information Contact:

Boston
t 978.635.0424

Atlanta
t 770.645.6575

Chicago
t 224.676.1371

New York
t 212.566.6630

Richmond
t 978.799.4211

