

Northwest Testing Inc., (NTI), as a division of Northwest Geotech Inc. provides construction special inspection and materials testing services to private and public entities including municipalities, owners, contractors, developers, architects and engineers throughout the Pacific Northwest. The range of projects typically serviced by NTI includes streets and highways, light rail facilities, churches, schools, fire stations, hospitals, justice facilities, high-rise structures, stadiums, industrial complexes, residential and commercial developments, and wireless tower sites.

NTI/NGI's scope of our services includes, but is not limited to, materials testing and special inspection services as follows:

Earthwork

- Foundation Excavations
- Subgrade Conditions
- Fill Placement and Compaction
- Pile Driving
- Drilled Piers
- Soil Cement & Lime Treatment
- Soil Nailing
- MSE Wall
- Rock Anchors
- Material Verification

Reinforced Concrete

- Concrete Placement
- Reinforcement Placement
- Fresh Properties Testing
- Embed and Anchor Placements
- Rebar Couplers
- Mix Design and Trial Batching
- Material Verification

Structural Masonry

- Block Layment
- Reinforcement Placement
- Mortar and Grout Placement
- Embed and Anchor Placements
- Material Verification

Prestressed Concrete

- Tendon Layment
- Tendon Stressing/Elongation
- Tendon Finishing

Shotcrete

- Shotcrete Placement
- Reinforcement Placement
- Core Grading
- Embed and Anchor Placement
- Pre-Construction Test Panels
- Nozzleman Certification
- Material Verification

Asphaltic Concrete

- A/C Placement
- Compaction
- Material Verification

Structural Steel

- Shop Welding
- Field Welding
- High Strength Bolting
- Erection
- Welding of Light Gage Metal Stud Framing
- Proprietary Anchors
- Metal Deck Welding
- Welder Qualification Verification
- Procedure Qualification Verification
- Material Verification

Sprayed Fire Resistant Materials

- Substrate Conditions
- Application
- Thickness
- Density
- Bond Strength
- Material Verification

Wood Frame Construction

- Shear Walls and Diaphragms
- Nailing/Fasteners
- Anchors/Hold Downs
- Material Verification

Miscellaneous

- Ledger Installation
- Anchor Torque Verification
- Moisture Emission Testing
- Rebar Locating
- Coring
- Paint Thickness
- Turbidity
- Pull Testing
- Crack Monitoring
- Floor Flatness

Seismic Systems

- Material
- Connections
- Attachments