



We're here to help  
115.16 101.6 10 101.6

## Non-Destructive Testing (NDT) Information

### Who is Roadsafe

Roadsafe LLC was established in 2010 to provide software development, design, and research services as well as finite element analysis (FEA) to the highway safety industry. In 2013, we expand our service line to include Non-destructive Testing (NDT). Archie Ray is our NDT Level III and NDT Manager for UT and MT services. We are a small business and WO/DBE.

### UT Services

Our Ultrasonic Testing (UT) services include Straight Beam examination for pins and plate, Thickness Testing (UTT), and Weld Inspection. UT can locate and size subsurface discontinuities such as cracks, lack of fusion and inclusions. It is commonly performed during the fabrication and the in-service inspection of structural components and their connections.

*Personnel certified to ASNT-CP-189. UT and MT procedures to ASME V, AWS D.1, D1.5, D1.6, ASTM E-164, E-797, E-1444, E3024, E-709 and others.*

NDT is often used for ensuring compliance of welded and pinned connections and base metal thickness with industry standards. For assessing new and in-service conditions such as material thickness and the identification of fatigue cracks and other discontinuities. Commonly performed on buildings, bridges, dams, trains, cranes, tank cars, boats and barges, storage tanks, construction equipment, amusement park rides, and many other types of structures.

### MT Services

Our Magnetic Particle Testing (MT) services include weld inspection and base metal testing for detection of surface breaking and slightly sub surface discontinuities in ferromagnetic materials. MT is commonly performed during the fabrication and in-service inspection of ferromagnetic structural components and their connections.

### Consulting Services

Consulting services are used for both UT and MT. These services include program development, procedure development and ongoing NDT oversight. These are often provided for facilities with a high volume of NDT work where there is a need for in house NDT, to facilitate ongoing quality control.

### Our Service Area

We can most readily serve the New England States:

- Maine ME
- New Hampshire NH
- Vermont VT
- Massachusetts MA
- Connecticut CT
- Rhode Island RI

### Where is Roadsafe

Roadsafe LLC  
P.O. Box 312  
12 Main Street  
Canton, Maine 04221

### On the Web

[www.roadsafellc.com/ndt.html](http://www.roadsafellc.com/ndt.html)

### Please Contact

Archie Ray  
NDT Level-III



ASNT # 221315  
207-357-5986  
[archie@roadsafellc.com](mailto:archie@roadsafellc.com)

