



## Bridge Deck Scanning



### What We Do

- Infrasense uses Ground Penetrating Radar (GPR), Infrared Thermography (IR), and high-resolution video to scan bridge decks at normal driving speeds and detect:
- Rebar-level corrosion/delaminations
- Overlay debonding
- Thickness of asphalt overlays
- concrete cover over rebar
- Patching, spalling, and cracking

### What You Get

The NDE data is analyzed with our proprietary software systems, utilizing methodologies developed through research, and supported with over 27 years of experience. The final result is a comprehensive NDT inspection report, with deck conditions quantified and mapped, including:

- Plan-view condition maps showing subsurface and surface defects
- Plan-view concrete cover and asphalt overlay contour maps
- CADD-compatible versions of maps
- Quantities provided by repair class

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