



INFRASTRUCT

Asset Management Services Limited

Bridge & Highway Structures



Testing and Investigation Services

The Infrastruct AMS approach to bridges and highway structures testing and investigation is focused on giving a quality based and cost-effective service using a combination of advanced techniques to provide accurate information and structure-specific condition assessments for our Clients.

Our bridge team is highly experienced in the inspection, testing and investigation of highway structures and our engineers have the specialist health and safety training, including Safepass, confined spaces, abrasive wheels and working at heights (MEWP).

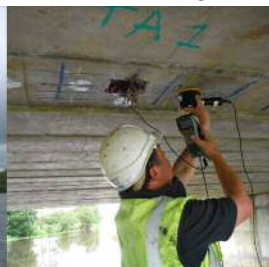
Infrastruct AMS can carry out Special Inspections of all types of highway structures including reinforced concrete, composite and post tensioned bridges.

All inspection, testing and investigation work is carried out to relevant Irish, British and European standards.

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Our Services

- ◆ **Bridge Inspections**
 - Special Inspections
 - Post-Tensioning Special Inspections

- ◆ **Structural Integrity Assessment**
 - Impulse Response (*s'MASH*)
 - Impact Echo Testing
 - Ultrasonic Tomography

- ◆ **Material Property Assessment**
 - Cement Content Analysis
 - Sulphate Content Analysis
 - Chloride Concentration
 - Carbonation Depth

- ◆ **Corrosion Assessment**
 - Half-cell Potential Surveys
 - LPR Measurements
 - Resistivity Surveys
 - Sounding Surveys

- ◆ **Reinforcement Surveys**
 - Reinforcement Cover
 - Reinforcement Location
 - Localised Breakouts

- ◆ **Concrete Strength Assessment**
 - Concrete Coring
 - Rebound Hammer Surveys

- ◆ **Cracking Assessment**
 - Crack Depth Measurements
 - Crack Width Measurements

- ◆ **Metal Testing (NDT)**
 - Portable Hardness Testing
 - Ultrasonic Thickness Testing

- ◆ **Fully Independent Services**



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TESTING FOR CONFIDENCE