RLS™
STEEL COLUMNS CORROSION DETECTION SYSTEM

Accurate . Safe . Cost Saving . Efficient

The **RLS™ (Relative Loss of Section)** system is a unique instrument that was specially developed in England to accurately quantify varying levels of corrosion around the entire mass of the critical zone of steel columns that cannot be identified by visual inspection, and provides precise recommendations for replacement or scheduling of subsequent testing.

The **RLS™** technique applies a non-destructive testing method on steel columns that are planted in asphalt, concrete, pavement or turf grounds without the need to excavate, and measures in LSU (Loss of Section Unit). This detects hidden corrosion to prevent catastrophic failure, and eliminates danger to properties and people due to collapsed steel columns that have succumbed to corrosion.

1 RLS™ ACCURATELY QUANTIFY CORROSION LEVELS

2 RLS™ USES ELECTROMAGNETIC TECHNOLOGY

3 DATA IS UPLOADED AND CAPTURED VIA CLOUD-BASED COMPUTER MANAGEMENT SYSTEM (RLS-CMS). IT GIVES ALERTS AND HISTORICAL DATA

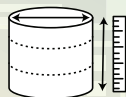**4** GENERATION OF BESPOKE REPORTS

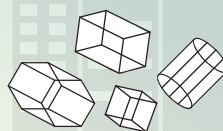## KEY FEATURES

No excavation of ground

No removal of surface coating

Provides precise timeline for replacement and next test

Able to test entire mass of critical zone

Unconstrained by column geometry and size

3 S

100mm HIGH

100mm VERY HIGH

CRITICAL ZONE

RLS:ID-5

THE OBVIOUS CHOICE FOR YOUR CORROSION DETECTION NEEDS