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Bridgescan System



Description

Bridge and Highway professionals and structural engineers require effective methods for determining the condition of aging bridge decks, parking structures, balconies and other reinforced concrete structures. Acoustical and visual techniques are subject to operator interpretation. Bridge professionals worldwide use GPR because it is the only nondestructive means of obtaining quantifiable data on bridge decks.

Specifications

- **Condition Assessment**: Engineers and transportation professionals need a reliable method to collect quantitative data on bridge decks. BridgeScan is designed for bridge condition assessment, providing for accurate representation of the bridge data by automatically accommodating for bridge skew angle.
- Concrete Cover : Engineers use concrete cover information to determine if reinforcement bars are protected from environmental effects. Transportation infrastructure professionals use BridgeScan to identify areas in which the cover is non-compliant.





- Bridge Deck Thickness : Ground penetrating radar provides a nondestructive technique for transportation professionals in evaluating bridge deck thickness. GPR can obtain reliable thickness measurements in minutes and eliminate the need to core.
- **Concrete Inspection :** Use ground penetrating radar to locate embedment within concrete structures prior to cutting or coring. Collect quantifiable data on rebar location and areas of delamination.

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