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inspections, document conditions of the structure, and initiate maintenance actions. If the inspection reveals a situation that requires a greater in-depth evaluation, the inspector (through the division chief) should request a design engineer to evaluate the bridge condition and determine corrective maintenance/repair actions. I-2

BRIDGE INSPECTION MAINTENANCE AND REPAIR

Although many tools and techniques have been developed over the past several years to help engineers evaluate bridge maintenance needs on an objective basis, the process of selecting and scoping bridge maintenance projects remains based in engineering judgment. Databases with decades of bridge inspection observations provide the foundations for increasingly sophisticated deterioration models, which allow for more accurate predictions of future bridge conditions.

Bridge Maintenance - an overview | ScienceDirect Topics

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