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TITLE OF PROJECT: The study of structural audit of the bridge.

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ABSTRACT (150-300 words):

This is audit which focuses on the various characteristics such as evaluating the construction processes, quality and quantity of the materials, specifications , adherence to compliance of safety standards ,here the main objective will be evaluation of stages of the construction. A well known problem with old structure is it becomes less serviceable over time due to conditions such as harsh and detrimental effect of the environment results in poor structural performance it can be due to the material deterioration , unexpected overloads, physical damage due to the accidents and many more. The audit generally should be conducted every 5 years for the bridges which are older than 15 years and for every 3 years for the bridges older than 30 years depending on the life span of the bridge. using methods like visible, inspection , non destructive tests and some detection cameras under the water. This audit helps to indentify the potential areas of the improvement, assesses the overall integrity and reliability of the structure . This will definitely help in the suggesting new remedies to increase the life span of the building which is more preferable as compared to reconstruct a new bridge. Going to inspect , measure and create techniques to store the detailed construction of bridge with the help of the software.

KEYWORDS: Bridge audit, integrity and reability , inspect and measure structure, detailed software of bridge.

CATEGORY: REINFORCEMENT OF STEEL , BUILDING MATERIALS