**REHABILITATION OF CONCRETE PAVEMENTS UTILIZING RUBBLIZATION**

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**ABSTRACT :**

Rubblization is a construction and engineering technique that involves saving time and transportation costs by reducing existing concrete into rubble at its current location rather than hauling it to another location. In road construction, a worn-out Portland cement concrete can be rubblized and then overlaid with a new surface, usually asphalt concrete. Specialized equipment breaks up the old roadway into smaller pieces to create a crushed, high-quality aggregate base for the new pavement. This saves the expense of transporting the old pavement to a disposal site, and purchasing transporting new base materials for the replacement paving. The result is a smoother pavement surface than would be obtained if a layer of asphalt were to be applied to the unbroken concrete surface The technique has been used on roads since the late 1990s, and is also being used for concrete airport runways. The objective of this paper is to provide an overview of current design and construction guidelines specific to the PCC rubblization process.