

## Clay Brick Roads in Guyana

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**Abstract:** *In 1978, the Guyana National Engineering Corporation developed guidelines related to the design, construction, and maintenance of roads in Guyana using clay bricks. These guidelines were developed and implemented and since then nearly 70,000 square metres of secondary roads, side walks, parking areas and hard standings have been constructed using clay bricks. The objective of this paper is to examine the performance of some of these facilities in the light of existing design methods for clay brick roads and to make tentative recommendations for improved design methods in the future. In this paper, current design methods for clay brick roads in Guyana were reviewed. The performance of existing roads using these design methods was evaluated. Recommendations were made on the basis of this evaluation for improved design methods.*

**Keywords:** *Clay bricks, design methods, construction, maintenance, roads, Guyana*