

## Stabilized Earth Roads Construction and Its Challenges

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**Abstract :** Road definition and road construction: in engineering literature, a road is defined as a means of communication between two different places by air, land, and sea. In this way, all sea, land, and air routes are considered as roads. Road construction is an operation to create a road on the ground between 2 points with a specified width, which includes works such as subgrade, paving, placing tables, and traffic signs on the road. In this article, the stages of road construction are explained from the beginning to the end. Road construction is generally done in the construction of rural, urban, and inter-city roads, and according to the special conditions of this area, the precision of engineers in its design and calculations is very important. For example, if the design of a road does not pay enough attention to the way the road curves, there will undoubtedly be countless accidents. Also, adjusting the road surface and its durability and uniformity are among the things that engineers solve according to the upcoming obstacles.

**Keywords :** road construction, surveying, freeway, pavement, excavator

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