

Environment friendly usage of Rice Husk Ash for subgrade soil stabilization

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Soil stabilization offers a technically feasible and economically viable solution to many engineering problems, especially in highway construction. Comprehensive testing, to evaluate improvement in desired engineering properties such as strength, durability and volume stability, etc., is essential to suggest a feasible solution. Stabilizers such as lime and cement are commonly used to improve the soil strength properties. Industrial and agro-waste products, such as fly ash and Rice Husk Ash, possess pozzolanic properties and, therefore, can be used as stabilizing agents for soil.