Abstract

In this paper the study of some of plastic waste materials which we can reuse by certain processing and use in road construction. The materials as a result we are equipped with useful
and valuable information about these materials. The discussed materials have many advantages over conventional/traditional materials and methods. This project will conduct a study on recycling plastic waste and blending it with bitumen to lay roads in India and compare with the environmental and economic conditions. Some of these materials are relatively cheaper and provide more strength as compared to traditional road materials. This project will come up with useful information and creating awareness amongst the learner in the industry regarding waste material. So that one can have a step towards further detailed information about these materials and thus be able to implement on field which will definitely improve the level of construction.

References

- Vasudevan, R., utilization of waste plastics for flexible pavement, Indian High Ways (Indian Road Congress), Vol. 34, No. 7. (July 2006).

Index Terms

Computer Science

Applied Sciences

Keywords

Plastic Waste  Bitumen  Aggregates  Plastic Roads