

Highway & Traffic Engineering

RIGID PAVEMENT - ASSESMENTS

by

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Activity 1

- Steel reinforcing is one of the materials used in rigid pavement. With an aid of a diagram, state the differences between dowel bars and tie bars in rigid pavement.

Activity 2

- Describe the characteristic of dowel bar and tie bar. With an aid of a suitable sketch, explain the construction procedure to allow for movements of iron bars inside the rigid pavement to control stresses due to uniform temperature increase/decrease.

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