

No. PL-67 (3)/77

*Dated the 8th March, 1977*

To

All State Chief Engineers/Addl Chief Engineers (dealing with Highways financed from Central Funds)

Sub : Instructions regarding stacking of constructional material on bridge decks during construction

In order to facilitate construction of superstructure spans, often constructional materials like sand, coarse aggregate, steel form work, precast elements, etc. are stacked on the already completed portion of the bridge decks. In this context it is necessary to emphasise that the field staff should exercise a strict control on the stacking of the constructional materials on the completed decks so as to ensure that under no circumstances the loads sustained by the bridge decking generate moments, shears, etc. larger than that provided for in the approved designs. As the extent of stacking of materials would need to be calculated for each bridge case, it is generally felt that it may be desirable to avoid as far as possible stacking of materials on completed bridge decks. However, under no circumstances shall such stacking be permitted as to impair the safety of the structure.