SUB: Adoption of Mechanical means for spreading of materials.

Time and Again, it has been emphasized that proper camber in road works is to be achieved right from the earth work stage. Recently, a low cost Tractor-mounted attachment has been designed by Superintending Engineer PWD Nagaur for maintaining the desired camber of the road carriageway and shoulders. A brief write up of this attachment along with Photo is enclosed. Such attachment is very useful for ensuring the spreading of material to required camber & grade.

It is enjoined upon all the field Engineers to develop similar Mechanical Device for ensuring the spreading of Earth, GSB of carriageway & shoulders to the required camber and grade.

Action taken by you may be reported to this office. Further suggestions in this matter will be highly appreciated.

CHIEF ENGINEER, PWD
19/9/2005

Copy for information and necessary compliance

1. The Additional Chief Engineer, P.W.D. Zone (All)
2. The Superintending Engineer P.W.D. P Ltd. (All)
3. The Executive Engineer PWD, Division of S.I.C. PWD

CHIEF ENGINEER, PWD
19/9/2005
TRACTOR MOUNTED LEVELLER WITH CAMBER BLADE.

DESCRIPTION: - It is made of two wooden planks of size 30 cm x 20 cm x 202.5 cm framed all around at top by angle iron 50x50x6 mm. The wooden planks are jointed after cutting their meeting ends in such a way that the whole unit remains in 3\% camber. In front of this unit, a 10 mm thick flat iron having bottom sharp edge of size 10 cm wide and 405 cm long (in two pieces) fitted with nut and bolts. An attachment to mount this unit on tractor is fixed on top of leveller by bolts as shown in the photograph.

USES: - The unit is very useful for levelling the earth and granular material (Gr-III) in required camber.

COST: - The approximate cost of this unit is Rs. 6000/- only.