a spike is drawn, except where the tie is to ment of the renewed that season, and, when possible respillately last into the plug and not weaken tie by making a new If three Roadma hole.

100. In moving new ties with a pick, the pointes should should be struck into the side of the tie and no No ties n into the face.

s that ar

newals in

101. When new rails are laid and the joint beguently thereby changed, the ties must be spaced to suit the 104. Sect new joints.

102. There is probably no item in track work me on for where Roadmasters and Foremen can waste or say The tie re so much money as in selecting ties which are to been marked renewed.

aph poles. During the autumn of each year the Roadmaste 105. The accompanied by the respective Section Foremen early in must walk over each section on his territory and the renev make careful inspection of each tie in the tracked ballast a studying the local conditions, also the condition of 106. Road the ties on either side of the tie under inspection removed from the amount and character of the traffic, and when see that ther on straight or curved track. An estimathave remain based on this inspection must be made of the numbear. ber of ties which will require renewal during the 107. The following season.

the track 103. During the following Spring special inspective ties not tors must thoroughly inspect all ties in track and apport, on mark on the face with a spot of red paint those which compe to be removed. Care must be taken not to discouble work, a turb good ties when testing. Renewals should sound rail c exceed six ties per rail length in one track if cut 1 season, excepting in exceptional cases on curves be turned and and no tie should be removed, which in the judg the old tie-b