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The Canadian Roadmasters' Association.
The Canadian Ticket Agents' Association.

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NEXT MEETING, at New York, probably in Jan., 1903.

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The Electrical Equipment of an Ordinary Street Car.

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carry the current. The latest types of stand
being brought out to-day are low, provided
with ball bearings, and arranged so that the
pressure on the trolley wire is approximately
uniform, no matter what the height of the
pole; it will be readily recognized that this
latter feature is a valuable improvement.
The latest addition to the standard car equip-
ment is the trolley catcher, of which there are
two broad types, those which prevent the
wheel, when it comes off the wire, going more
than 6 or 8 inches above it, and the style
which not only does this but in addition im-
mediately pulls it some 15 or 18 inches below,
rendering its catching in the overhead struc-
ture a remote possibility.

The next device through which the current
passes is the protector or fuse, provided for
two purposes, first, to protect the system
against any fault in the car equipment, which
would otherwise amount to a short circuit,
shutting down the complete road, or at any
rate part of it, and secondly, to protect the
motors from too much current, whether caused
by too many passengers or too many trailers,
or, as is much more frequent, by improper
handling of the controller. The original