

BAGGAGE CAR FOR INTERURBAN RAILWAY

One of the most important steps taken by the management of the Columbus, Delaware & Marion Electric Railway is the provision just made for hauling baggage. Up to the present time the company has not catered to this class of trade, but now it is prepared to furnish a complete system of interurban service. It has added to its equipment, which was fully described in the *STREET RAILWAY JOURNAL* of March 21, several baggage cars of the type shown in the accompanying cut. These coaches, which were built by the G. C. Kuhlman Car Company, are 53 ft. over all, and comprise one continuous

which protects it from rusting. The ends of the boat are fitted with air chambers so that the boat will float if overturned. The chief claims for the construction are that it is more durable, handsome and safe than wooden boats. These boats are built by W. H. Mullins, of Salem, Ohio.

NEW FORM FOR MOREHEAD TRAP

Several changes have been made in the form and construction of the Morehead trap, illustrated herewith. A cast-iron base has been substituted for the wooden platform previously used. The drum or tank is now counter balanced by a lever and



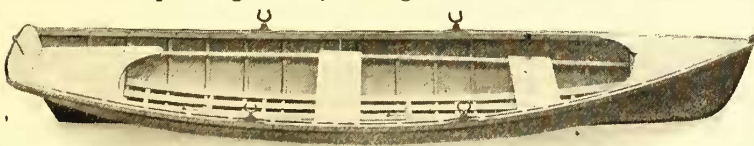
BAGGAGE CAR FOR COLUMBUS, DELAWARE & MARION RAILWAY

room, as there are no divisions for motorman in the interior. The exterior of the coach is made to resemble a passenger coach as nearly as possible. The bottom construction is of the heaviest type, having two intermediate sills constructed of 6-in. I-beams, extending from buffer to buffer, each sill being reinforced with heavy T-iron. The buffers are continuous and are faced with regular V-sheeting, placed vertically. The inside of the car is sheathed with yellow pine beaded ceiling, $\frac{7}{8}$ in. thick, placed horizontally and neatly painted. There are four under-trusses under each car, and four windows on each side of car body, arranged to drop. They are covered on the inside with iron rods made in frames. The cars are mounted on Peckham M. C. B. trucks, with four Westinghouse 75-hp motors, General Electric double-end type M controllers, double-end Christensen air brakes, and No. 3 Van Dorn draw-bar. These cars are painted Pullman color and are lettered in gold leaf.

weight having its fulcrum attached to the base. The weight of the water exerts a leverage in starting the tank to tilt over, and vice versa, the counter balancing weight has a powerful leverage to bring the tank back to its normal condition when the water is discharged. The slight change made in the construction of the vent to the trap has overcome the necessity for the equalizing pipe, which was formerly on the outside of the drum. An improvement has been made in the seat and disc of the steam valve, reducing the possibility of destruction and wear. The American Blower Company, of Detroit, manufactures this device.

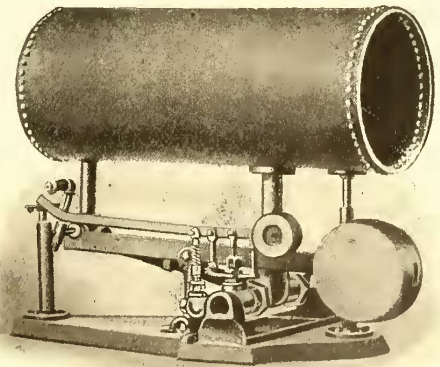
BOATS FOR STREET RAILWAY PARKS

Nearly every street railway park contains a body of water on which it is usual to have boats for hire. It is for this reason that any radical improvements in rowboats has a practical value to the operating railway manager. The boat illustrated



METAL BOAT FOR PARKS

After several conferences the wage differences between the Youngstown & Sharon Railway Company and its employees have been adjusted. The men asked for an advance of 5 cents an hour, but a compromise was effected on 3 cents, and the



RETURN TRAP

in this connection is built of steel plates, laid on a frame or skeleton of wood. The keel is not fastened on the outside of the metal covering but is on the inside of the boat, where it is protected and where it can add to the stiffness. The top rail and seat rests of the boat are also of wood. The steel is stamped out of a few large plates, and is put through a special process

company abolished its bonus system, under which employees running six months without accident received 1 cent an hour additional. On the interurban line the new scale is 21 cents first six months, 22 cents for second six months, and 23 cents thereafter. On the local lines the scale is 20, 21 and 22 cents. The agreement is for one year.