Where 400 or more fowls are kept in one house, economic use can be made of a litter carrier. The track should be so placed that the carrier will run parallel to and just in front of the dropping boards for when in this location the droppings from the boards can be scraped directly into it both quickly and easily. Also, good use can be made of the carrier when the litter is changed in the house. Some of the College houses are equipped with homemade carriers of a type that has given satisfaction. It is the purpose of this circular to give the working plans for this type of homemade litter carrier.

The 2" x 6" which supports the track is bolted to the underside of the 2" x 4" crossties present in practically all houses. The splicing of the 2" x 6" can be accomplished by notching the ends as shown in the drawing. The use of bolts as the fastening medium, in addition to neatness of appearance and ease of initial construction, has the additional advantage of making it possible at any time easily to realign the track when ever that becomes necessary. The 2" x 6" should be extended through a door at the end of the house and cut to a braced post 16 to 20 feet from the building, thus enabling the dumping of the carrier either directly into a wagon or manure spreader or on to the ground.

The track and hangers can be purchased from most any hardware dealer, since they are of the type ordinarily used in hanging barn doors. The track is fastened to the side of the supporting 2" x 6" by means of screws or bolts.

The carrier frame is shown in the drawing to be 7 feet high. As a matter of fact this dimension probably will differ with each style of poultry house. The top edge of the carrier box should be one inch below the front edge of the dropping boards. The carrier frame must be made of the proper height to bring this about.

The carrier box has 2" x 2" ribs covered by one inch boards. It makes little difference how wide these boards are or whether they are tongue and groove, shiplap or straight edged. The box is fastened to the frame by two 1/2" x 5" bolts placed 6" from the bottom. A pin placed near the top at one end keeps the box in the upright position while being filled. The removal of this pin permits the box to swing on the two bolts thus dumping its contents.
WORKING DRAWING OF LITTER CARRIER

Side View

End View