




2A-2982



(TO BE USED IN PAIRS WHERE OBSTRUCTION PREVENTS USE OF 5211.)  
APPLIED THUS: 

2A-2983

MATERIAL: SELECT BIRCH, DOGWOOD, HORNBANE, LOCUST, HARD MAPLE, OAK (EXCEPT SO-CALLED SWAMP OR WATER OAKS).  
PHYSICAL REQUIREMENTS: SWITCH WEDGES SHALL BE FREE FROM DECAY, HOLES, KNOTS, SHAKES, SPLIT, WANE, GRAIN WITH SLANT GREATER THAN ONE IN TWENTY AND MOISTURE IN EXCESS OF 20%.  
DESIGN: SWITCH WEDGES SHALL CONFORM TO THE SHAPES AND SIZES SPECIFIED. ALL DIMENSIONS SHALL BE TO THE INSIDE OF THE WEDGES.  
MANUFACTURE: SWITCH WEDGES SHALL BE STRAIGHT, CUT SQUARE AT THE ENDS, HAVE SMOOTH GROOVE, AND BE SURFACED ON ALL PLANES.

WHERE SWITCH POINT OPENING IS SUCH THAT WEDGE 5211 CANNOT BE DRIVEN BETWEEN STOCK RAIL AND SWITCH POINT A SUFFICIENT DISTANCE TO INSURE A SAFE WEDGE, THAT SURFACE OF WEDGE WHICH IS PLACED AGAINST STOCK RAIL MAY BE CUT BACK TO OBTAIN THE DESIRED RESULTS.

WHERE UNUSUAL OBSTRUCTIONS, SUCH AS BOLT HEADS, ETC, PREVENT THE APPLICATION OF WEDGE 5212 AS INTENDED, THE LENGTH MAY BE REDUCED TO NOT LESS THAN NINE INCHES, BY SAWING OFF THE ENDS, TO MEET LOCAL CONDITIONS.

PRECAUTIONS MUST BE TAKEN TO INSURE WEDGES ALTERED TO MEET AN UNUSUAL CONDITION, SUCH AS OUTLINED ABOVE, ARE NOT USED WHERE STANDARD WEDGES 5211 OR 5212 CAN BE APPLIED.

## REVISIONS

1 SHEET

5-521-A



THE PENNSYLVANIA RAILROAD  
STANDARD  
SWITCH WEDGES

Office of Chief Signal Engineer, Phila., Pa., July 10, 1935.

Approved:

Approved:

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