



These turnouts shall be used only to meet special limiting conditions

This rail is necessary for locating insulating joints but a variation in length that will provide a stagger between joints of rail more than 5'-0" will be permitted. The length of rails between heel of switch and heel of frog shall be specified.

NO. 10 TURNOUTS WITH STANDARD LEADS

NO. 8 TURNOUTS

BILL OF MATERIAL OF LEAD RAILS FOR ONE TURNOUT EXCLUDING 39'-0" RAILS

NO. 8 TURNOUTS				NO. 10 TURNOUTS				NO. 15 TURNOUTS				NO. 20 TURNOUTS			
R.H. & L.H. TURNOUTS EQUAL PT. SWITCHES DES. L & B STOCK RAILS RIGID FROGS	R.H. & L.H. TURNOUTS EQUAL PT. SWITCHES DES. L & B STOCK RAILS RIGID FROGS	R.H. & L.H. TURNOUTS STAGGERED PT. SWITCHES DES. L & B STOCK RAILS RIGID FROGS	R.H. & L.H. TURNOUTS STAGGERED PT. SWITCHES DES. L & B STOCK RAILS RIGID FROGS	R.H. & L.H. TURNOUTS EQUAL PT. SWITCHES DES. L & B STOCK RAILS RIGID FROGS	R.H. & L.H. TURNOUTS EQUAL PT. SWITCHES DES. L & B STOCK RAILS RIGID FROGS	R.H. & L.H. TURNOUTS STAGGERED PT. SWITCHES DES. L & B STOCK RAILS RIGID FROGS	R.H. & L.H. TURNOUTS STAGGERED PT. SWITCHES DES. L & B STOCK RAILS RIGID FROGS	R.H. & L.H. TURNOUTS EQUAL PT. SWITCHES DES. L & B STOCK RAILS RIGID FROGS	R.H. & L.H. TURNOUTS EQUAL PT. SWITCHES DES. L & B STOCK RAILS RIGID FROGS	R.H. & L.H. TURNOUTS STAGGERED PT. SWITCHES DES. L & B STOCK RAILS RIGID FROGS	R.H. & L.H. TURNOUTS STAGGERED PT. SWITCHES DES. L & B STOCK RAILS RIGID FROGS	R.H. & L.H. TURNOUTS EQUAL PT. SWITCHES DES. L & B STOCK RAILS RIGID FROGS	R.H. & L.H. TURNOUTS EQUAL PT. SWITCHES DES. L & B STOCK RAILS RIGID FROGS	R.H. & L.H. TURNOUTS STAGGERED PT. SWITCHES DES. L & B STOCK RAILS RIGID FROGS	R.H. & L.H. TURNOUTS STAGGERED PT. SWITCHES DES. L & B STOCK RAILS RIGID FROGS
1 Rail 25'-0"	1 Rail 25'-0"	1 Rail 25'-0"	1 Rail 25'-0"	1 Rail 25'-0"	1 Rail 25'-0"	1 Rail 25'-0"	1 Rail 25'-0"	1 Rail 55'-1 1/2"	1 Rail 55'-1 1/2"	1 Rail 55'-1 1/2"	1 Rail 55'-1 1/2"	1 Rail 40'-2 1/2"	1 Rail 40'-2 1/2"	1 Rail 40'-2 1/2"	1 Rail 40'-2 1/2"
1 - 14'-0"	1 - 14'-0"	1 - 14'-0"	1 - 14'-0"	1 - 14'-0"	1 - 14'-0"	1 - 14'-0"	1 - 14'-0"	1 - 55'-0 1/4"	1 - 55'-0 1/4"	1 - 55'-0 1/4"	1 - 55'-0 1/4"	1 - 52'-10 1/4"	1 - 52'-10 1/4"	1 - 52'-10 1/4"	1 - 52'-10 1/4"
1 - 19'-9"	1 - 20'-11"	1 - 19'-9"	1 - 19'-9"	1 - 30'-8 1/4"	1 - 31'-8 1/4"	1 - 30'-8 1/4"	1 - 30'-8 1/4"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"
1 - 44'-0 1/2"	1 - 48'-2 1/2"	1 - 41'-10 1/2"	1 - 41'-10 1/2"	1 - 55'-7 3/4"	1 - 59'-11 3/4"	1 - 53'-5 3/4"	1 - 53'-5 3/4"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"
WITH SHORT LEADS				WITH SHORT LEADS				WITH SHORT LEADS				WITH SHORT LEADS			
1 Rail 25'-0"	1 Rail 25'-0"	1 Rail 25'-0"	1 Rail 25'-0"	1 Rail 25'-0"	1 Rail 25'-0"	1 Rail 25'-0"	1 Rail 25'-0"	1 Rail 55'-1 1/2"	1 Rail 55'-1 1/2"	1 Rail 55'-1 1/2"	1 Rail 55'-1 1/2"	1 Rail 40'-2 1/2"	1 Rail 40'-2 1/2"	1 Rail 40'-2 1/2"	1 Rail 40'-2 1/2"
1 - 14'-0"	1 - 14'-0"	1 - 14'-0"	1 - 14'-0"	1 - 14'-0"	1 - 14'-0"	1 - 14'-0"	1 - 14'-0"	1 - 55'-0 1/4"	1 - 55'-0 1/4"	1 - 55'-0 1/4"	1 - 55'-0 1/4"	1 - 52'-10 1/4"	1 - 52'-10 1/4"	1 - 52'-10 1/4"	1 - 52'-10 1/4"
1 - 19'-9"	1 - 20'-11"	1 - 19'-9"	1 - 19'-9"	1 - 30'-8 1/4"	1 - 31'-8 1/4"	1 - 30'-8 1/4"	1 - 30'-8 1/4"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"
1 - 44'-0 1/2"	1 - 48'-2 1/2"	1 - 41'-10 1/2"	1 - 41'-10 1/2"	1 - 55'-7 3/4"	1 - 59'-11 3/4"	1 - 53'-5 3/4"	1 - 53'-5 3/4"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"	1 - 19'-6"

The Lead Rails covered by this plan are indicated by heavy solid lines and shall be ordered as separate items on the requisition, specifying quantity and length of rails required, weight and section of rail and number of this plan. 39'-0" Rails are not furnished where indicated as they shall be provided locally.

The Lead Rails specified on this plan are for Standard -

No. 8 Turnouts according to Plan 73000-1.

No. 10 " " " " " "

No. 15 " " " " " "

No. 20 " " " " " "

with Design L or S Stock Rails for 18 Ft. and 30 Ft. Switches, according to Plan 73060-1 and with joints in turnout run beyond heel of switch staggered not more than 5'-0".

Lead Rails shall meet the requirements of No. 1 Rails as prescribed by The Pennsylvania Railroad Specifications for O.H. Steel Rails, C.E. 35-1, excluding "A" Rails.

Lead Rails shall be drilled 2 3/32" - 6-7" and shall be furnished straight.

No. 10 Turnout with Short Leads shall be used only to meet special limiting conditions; upon approval of the Chief Engineer.



73049-B

THE PENNSYLVANIA RAILROAD
STANDARD
LEAD RAILS
FOR TURNOUTS OF 130 LB. P.S. RAIL DRILLED 2 3/32" - 6-7"
OFFICE OF CHIEF ENGINEER, PHILA., PA., MAY 1937

R. G. Henry
Chief Engineer