igure 1. Illustration showing minimum abutment setback distances in reference to (1) the channel bank and (2) the projection of the spill-through abutment slope
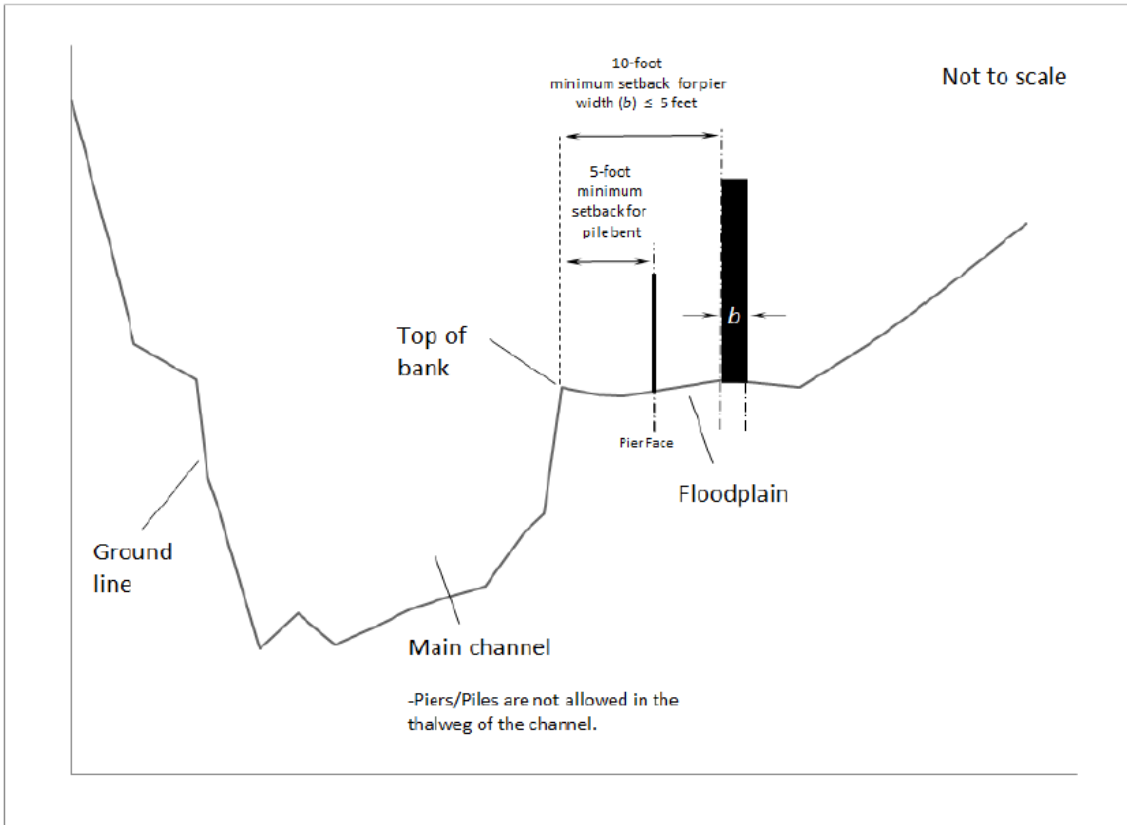
10-foot
minimum setback for pier
width (b) ≤ 5 feet

Not to scale

5-foot
minimum
setback for
pile bent

b

Top of
bank

Pier Face

Floodplain

Ground
line

Main channel

-Piers/Piles are not allowed in the
thalweg of the channel.

Figure 2. Illustration showing minimum setback distances for pile bents and piers located on the floodplain in reference to the channel bank.