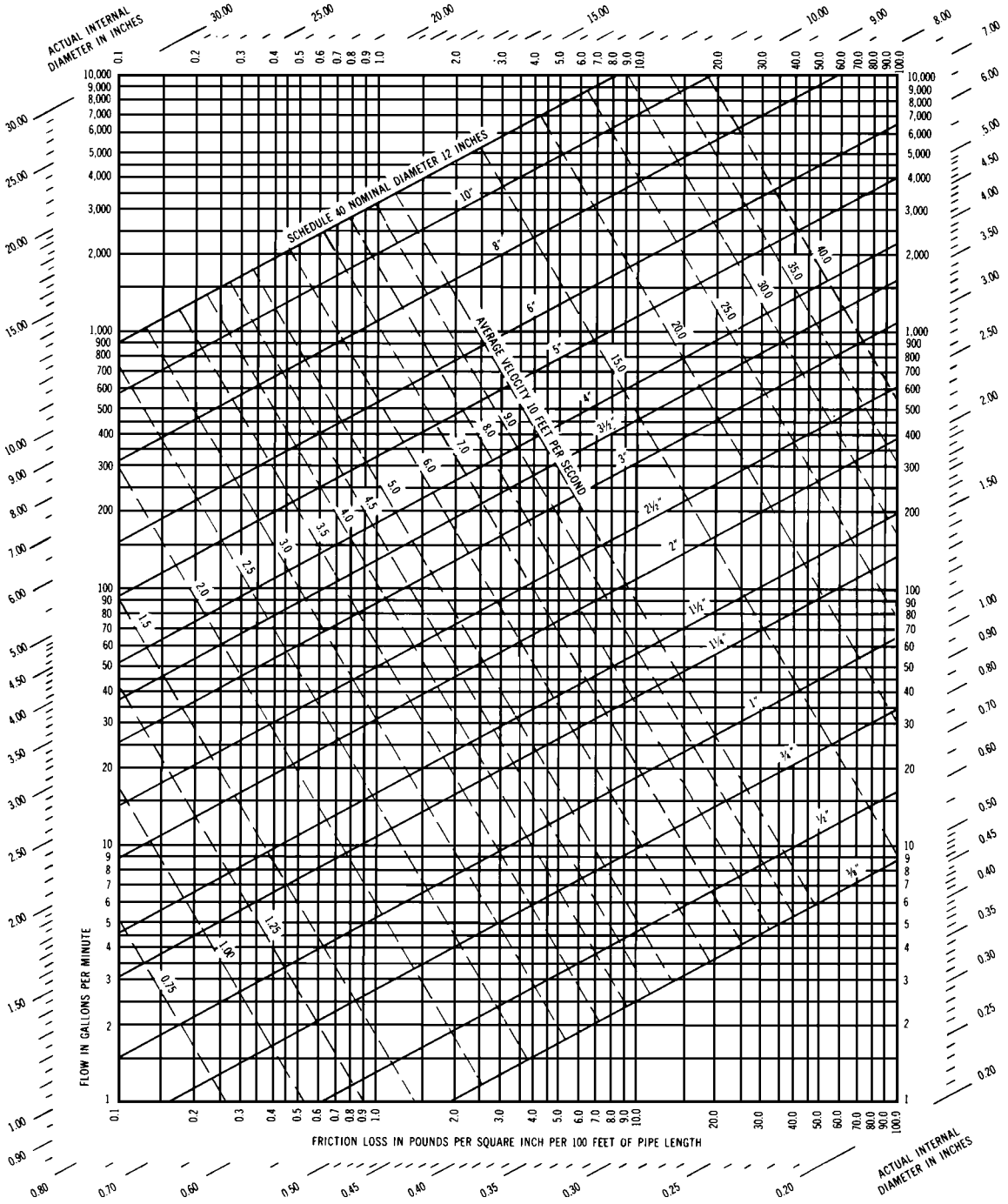
ENGINEERING INFORMATION - STEEL PIPE FLOW CHART

Shaded area indicates change Rev. 4-99

Flow chart for schedule 40 steel pipe

With auxiliary scales by actual inside diameters for use with other pipe approximating a fairly smooth condition



Curves plotted from formula per

P = Q 1.83
16.13 d 4.83

100 ft. of pipe length.

Where P = Friction loss in p.s.i.

Q= Flow in gallons per minute.

d = Actual pipe I.D. in inches.

Note: Flow formula and chart are accurate for Reynolds numbers of 200,000 or less; less accurate for higher Reynolds numbers.