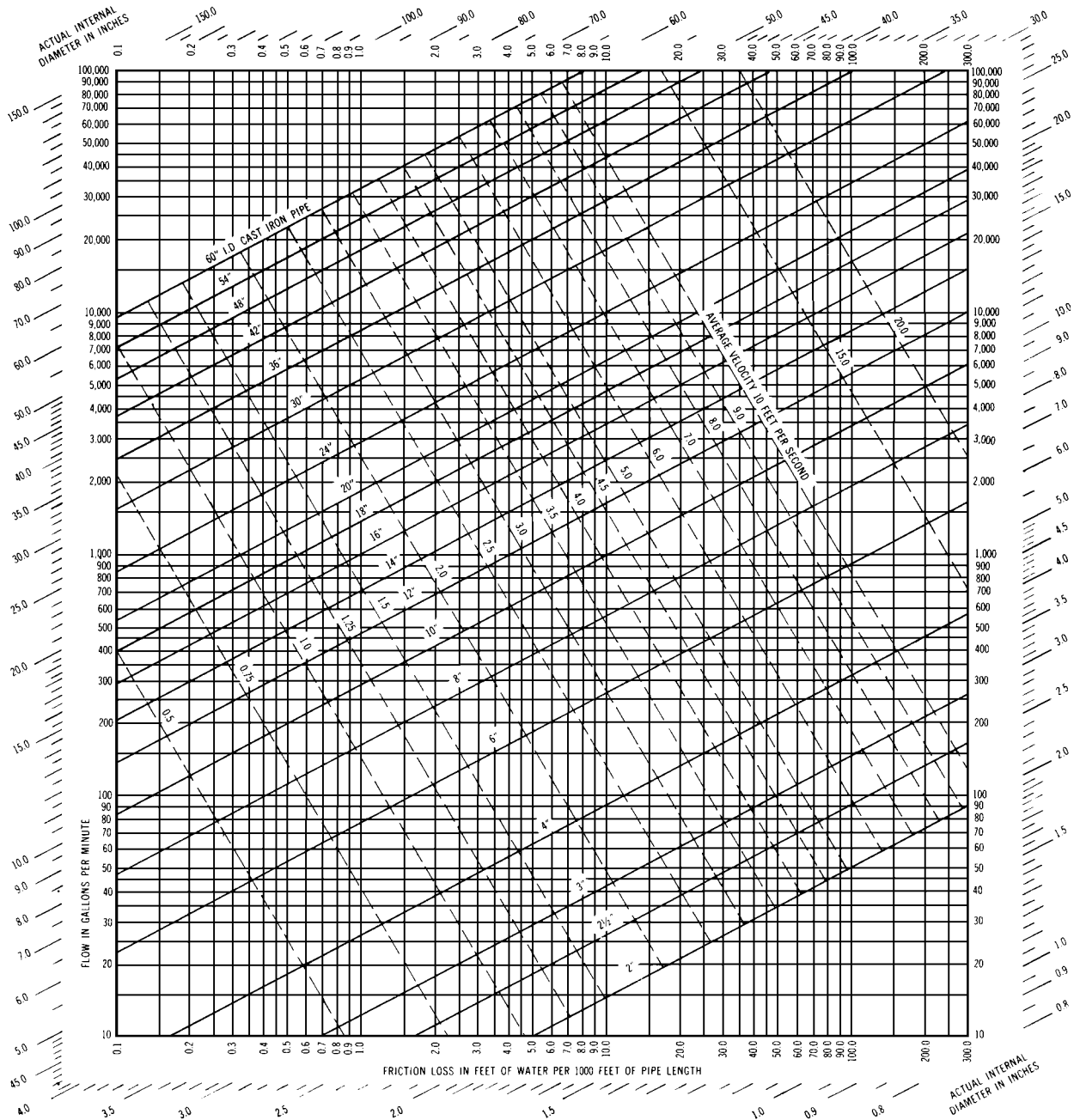


Rev. 4-99 Shaded area indicates changes

Flow chart for cast iron and similar mains

From Williams-Hazen formula
"C" = 100

With auxillary scales by actual inside diameters for use with other pipes of similar roughness.



Multipliers for other values of "C"

- | | |
|---------------------------------|---------------------------------|
| C = 140, multiply loss by 0.536 | C = 100, multiply loss by 1.000 |
| C = 130, multiply loss by 0.615 | C = 95, multiply loss by 1.100 |
| C = 120, multiply loss by 0.712 | C = 90, multiply loss by 1.220 |
| C = 110, multiply loss by 0.838 | C = 60, multiply loss by 2.580 |