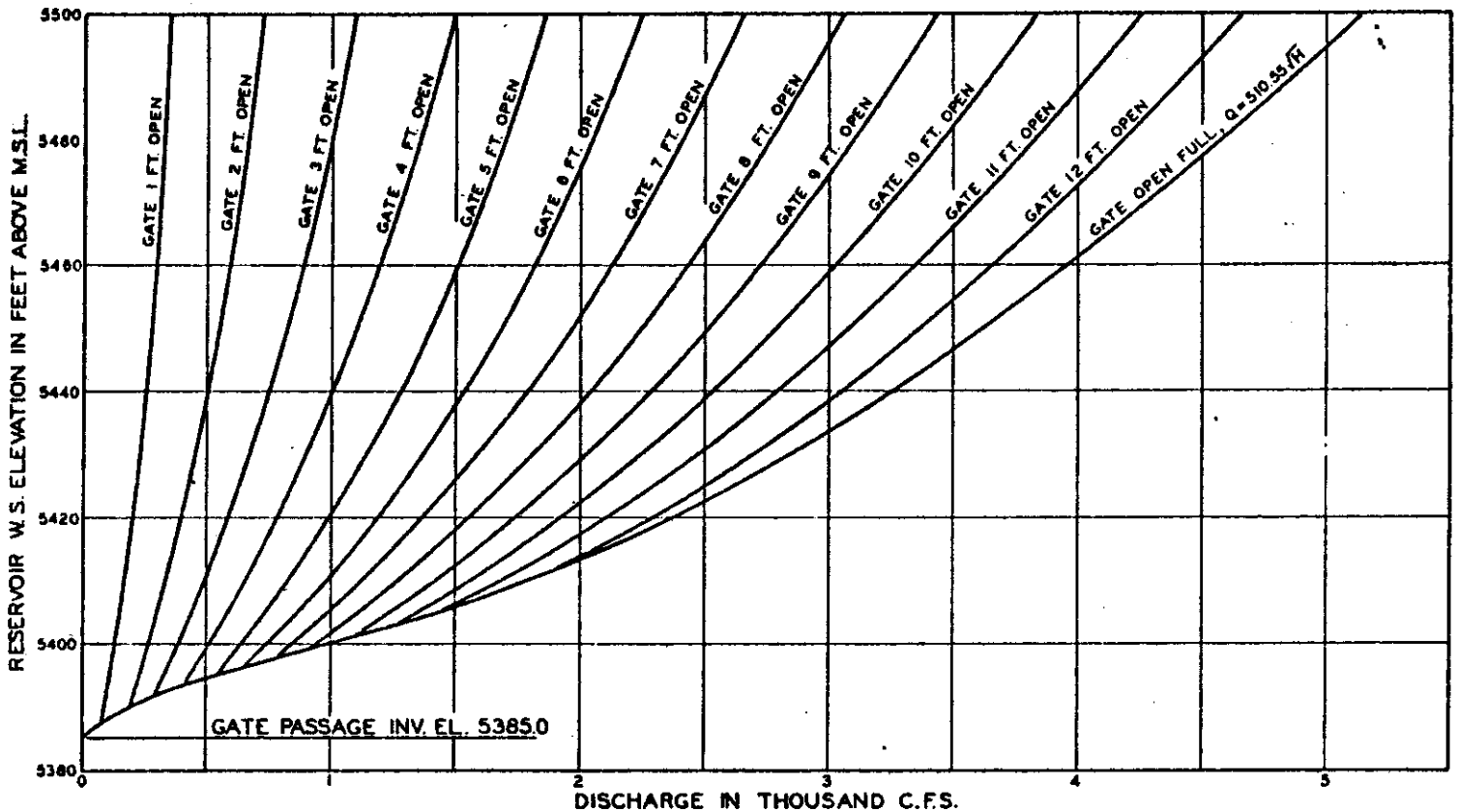

DATA:

1. O. S. OBLONG CONDUIT A = 150.03 FT.^{2}
2. MANNINGS N = 0.012
3. $H = 4.1553\ V^2/2g$
4. $Q = 590.36\ \sqrt{H}$ FULL PIPE FLOW
5. $H = 1.6194\ V^2/2g$
6. $Q = 510.55\ \sqrt{H}$ GATE CONTROL
7. GATE (6'X13.5')
8. OBLONG CONDUIT (11'X16')

CHATFIELD DAM & LA
OUTLET WORKS
DISCHARGE RATING CURV
ONE GATE PARTIALLY O

PLATE D

APPENDIX D PLATE D-1