LINE POSTS (1.33 LB/FT) U OR T SHAPE (9.32 LB MIN. INCLUDING ANCHOR PLATE)
A.S.T.M. A-116 (16), DESIGN NO. 1047-6-9
NO. 9 GA. GALV. WIRE, CLASS IIII COATING
ANCHOR & RIVETED OR WELDED TO THE BACK OF POST
MIN. THICKNESS= 0.25"
MIN. WEIGHT= 0.67 LB.
MIN. SURFACE AREA = 19.5"

PULL POST & CORNER POST 2.375" O.D.
15CH. 401 3.65 LB/FT OR 3.12 LB/FT
BRACE 1 1/2" SCH 40
2.27 LB/FT OR
1 1/2" SS40 1.83 LB/FT
FASTEN WITH
3/8" X 1" BOLT

DETAIL 'A'

GENERAL DETAILS
12'-0" OPENING DOUBLE-GATE
PIPE 2 1/2" NPS
1.90" O.D. SCH40 2.72 LB/FT OR
1.90" O.D. SS40 2.28 LB/FT
PIPE 3" NPS 4" O.D. SCH40 9.11 LB/FT
GRATE FRAMES & POSTS SHALL BE OF A.S.T.M. A-120 HOT DIPPED GALV. PIPE.

DOUBLE SWING GATE
2" NPS (2.375" O.D.) 3.65 LB/FT
OR 3.12 LB/FT
2 DBL. STRAND NO.9 GA. WIRE

GROUND LINE
1.66" O.D. SCH40 2.27 LB/FT OR
1.66" O.D. SS40 1.84 LB/FT

NOTE
POSTS IN ROCK-WHERE SUBSTANTIAL ROCK IS ENCOUNTERED A HOLE ONE (1") INCH LARGER IN DIAMETER THAN THE POST AND OF 12" MINIMUM DEPTH FOR LINE POSTS AN 18" MINIMUM DEPTH FOR TERMINAL POSTS, SHALL BE MADE AFTER INSERTING THE POSTS.
THE HOLES SHALL BE BACK FILLED WITH A HAND MIXED 1:1 2/3 MORTAR CONSISTING OF ONE PART PORTLAND CEMENT AND TWO PARTS FINE AGGREGATES MIXED TO A PLASTIC CONSISTENCY SHOWING NO SIGNS OF FREE WATER. THE HAND MIXING AND CONSOLIDATION OF THE MORTAR SHALL BE PERFORMED IN A MANNER APPROVED BY THE ENGINEER.
THE WEIGHT OF STEEL PIPE CALLED FOR ON THIS STANDARD SHALL NOT VARY MORE THAN-5% FROM THE INDICATED WEIGHT, BUT MAY EXCEED SUCH INDICATED WEIGHT. THE WEIGHT OF STEEL SHAPES CALLED FOR ON THIS STANDARD SHALL NOT VARY MORE THAN-2.5% FROM THE INDICATED WEIGHT, BUT MAY EXCEED SUCH INDICATED WEIGHT.

SINGLE GATE
NOMINAL PIPE SIZE (NPS)

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

4'-0" FARM TYPE FENCE

STANDARD NO. MD 690.03