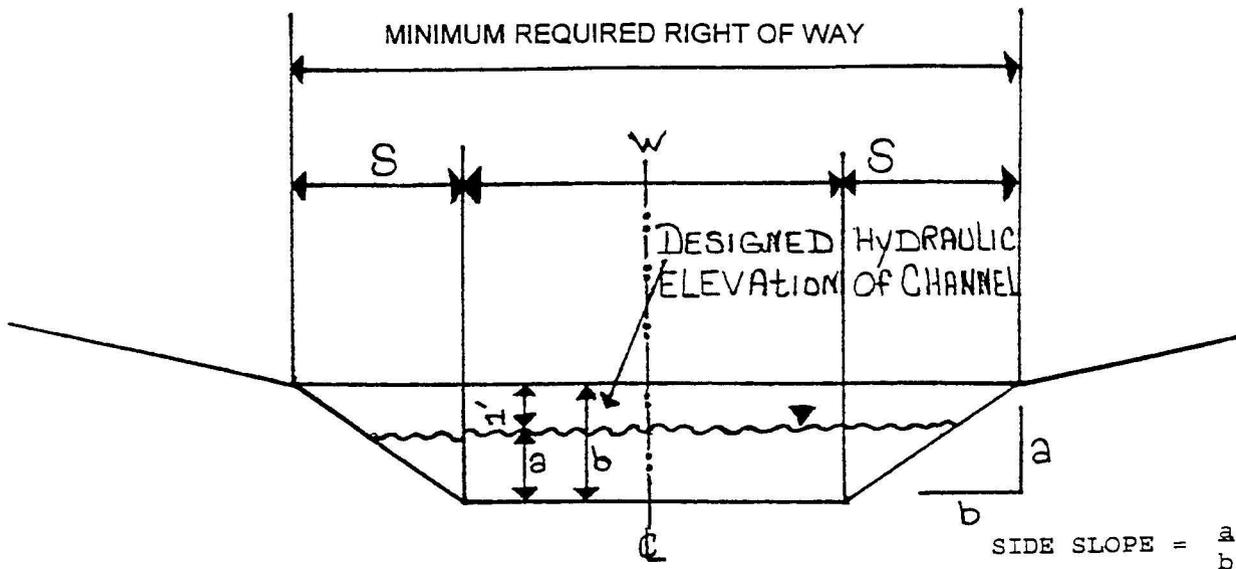


## REQUIREMENTS FOR STORMWATER CHANNELS



### TYPICAL CROSS SECTION OF STORMWATER CHANNELS

No fence shall be placed within right of way.

W = bottom width of channel to be determined by design requirements.

S = horizontal projection of channel side slope from top of bank to toe of slope at channel flowline.

Value of paved channel side slope

$\frac{a}{b} = 1$  Vertical to 3 horizontal

Value of sodded channel side slope

$\frac{a}{b} = 1$  Vertical to 3 horizontal

Value of seeded channel side slope

$\frac{a}{b} = 1$  Vertical to 3 horizontal

Where possible, existing stable banks should not be disturbed unless unavoidable.

Where earth in a newly constructed lined or unlined channel bank will be unstable at the given maximum value of side slope, the value of side slope shall be revised, as recommended by a soils engineer, to a value required for a stable bank for each soil type encountered along the channel.

HAMILTON COUNTY  
STORM DRAINAGE STANDARDS  
PLATE 6  
SUBDIVISION STANDARDS