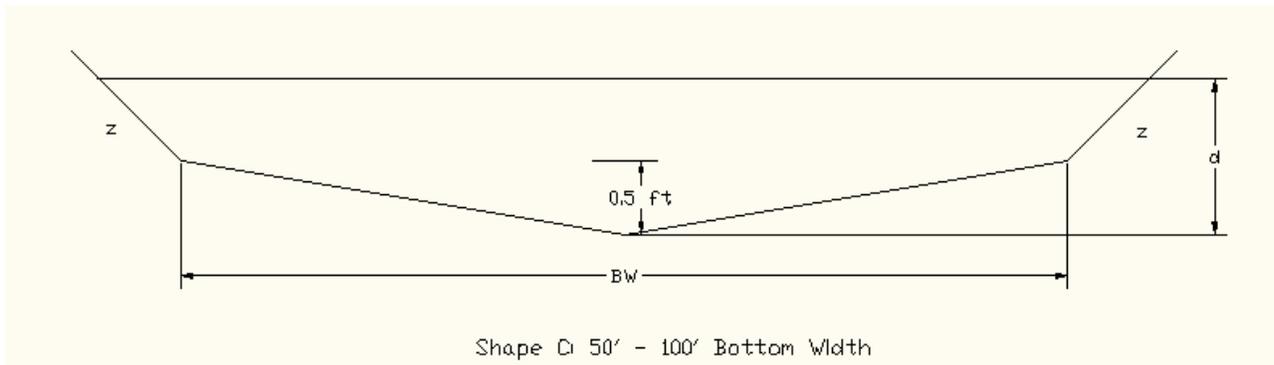
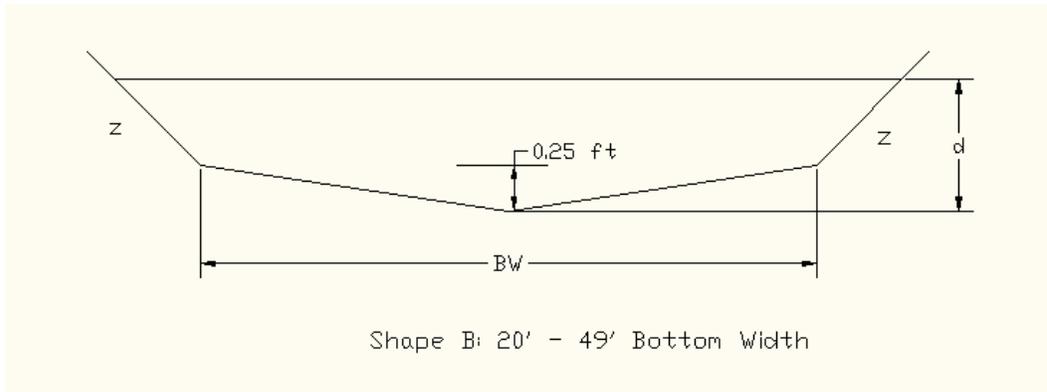
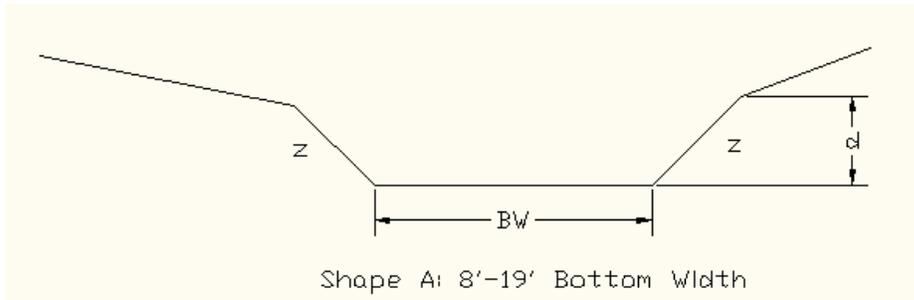


650.0703 Design process

GRASSED WATERWAY SHAPES FOR MINNESOTA

Depending on the bottom width of the waterway, the cross-section should have the shape shown below to encourage flow to concentrate in the center of the channel, and not meander across a flat bottom in patterns that may develop into rills.



BW = Bottom width of the channel in feet

D = depth of water flowing in the waterway, in feet

Z = side slope ratio, often 6:1, 8:1, or 10:1

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