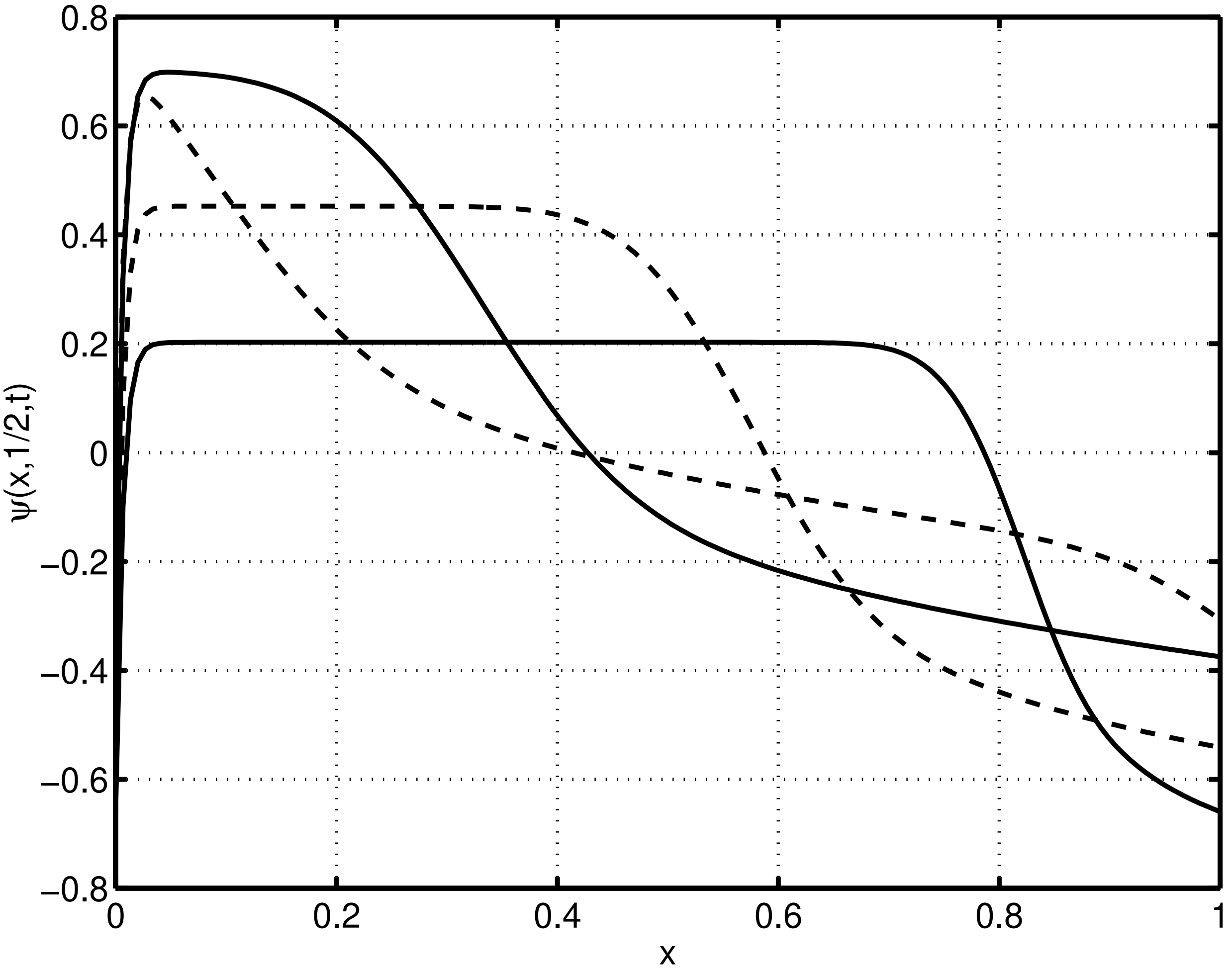
A longitudinal section

◇ The wave front moves westward...



◇ The boundary pressure must ensure no net mass change.

◇ $\psi_0(t)$ prevents a *steady* Sverdrup balance east of the front.