962-49-708 **Frank Morgan*** (`Frank.Morgan@williams.edu`), Department of Mathematics and Statistics, Williams College, Williamstown, MA 01267. *Area Minimizing Surfaces through Conical Singularities.* Preliminary report.

We show than a k-dimensional area-minimizing surface can pass through a conical singularity if and only if $k > 2$. (Received September 22, 2000)