Density of bridge-705's deck (refined) 40 2.724 kg/m 2.637 kg/m kg/m 2.664 kg/m 30 3.143 kg/m 3.1 3.124 kg/m 20 2.845 kg/m 2.765 kg/m 3.0 2.98 kg/m z position (m) 10 2.995 kg/m 2.631 kg/m 2.617 kg/m 2.9 2.907 kg/m 2.8 2.7 -20-30-40-20 80 40 60 100 0 x position (m)