

CALCULATING ESAL'S

With Power Formula's For Axle Sets:



 $\text{ESAL}_{\text{BUS}}^{1-\text{YEAR}} = (2.906/\text{bus})(224,475\text{buses/year}) = 652,324/\text{year}$

ESAL = 652,324 $\frac{[(1+0.02)^{20}-1]}{0.02}$

ESAL = 15,849,757

9.4



