



Example: A proposed bridge rehabilitation project will extend the service life of the bridge by an estimated 10 years. Based on the figure, the "threshold" value is 43%. If the bridge rehabilitation cost is less than 43% of the total bridge replacement cost, then bridge rehabilitation is the most cost-effective option. If the bridge rehabilitation cost is 43% or more of the total bridge replacement cost, then bridge replacement is the most cost-effective option.

EVALUATING ALTERNATIVE IMPROVEMENT STRATEGIES (Based on a 6% Discount Rate)

Figure 72-2C