

**LIFE CYCLE COST ANALYSIS
ASSUMPTION SHEET**

Structure No. _____

BRIDGE DATA

CARRYING

OVER

LENGTH	VERTICAL CLEARANCE
WIDTH (o-o)	DESIGN LOADING
WIDTH (c-c)	YEAR BUILT
SPANS	YEAR RECONSTRUCTED
SKEW	PRIORITY REPAIR LIST
TYPE	HIGH LOAD HIT LIST
DECK	NUMBER OF HITS

OTHER EXISTING REPAIRS

ESTIMATED PERCENT OF DECK DELAMINATION

PERCENT PATCHING ASSUMED FOR FUTURE OVERLAYS

MAINTENANCE COSTS

Last 5 years of Deck Replacement	\$25,000	Deck Maintenance
Last 5 years of Concrete Deck Overlay	\$15,000	Deck Maintenance
Last 5 years of Bituminous Overlay	\$1,500	Deck Maintenance

EXPECTED SERVICE LIFE

(without future improvements)

Bituminous Overlay & Waterproofing Membrane	10 Years
Deep Concrete Overlay	25 Years
Shallow Concrete Overlay	15 Years
Deck Replacement	40 Years
Superstructure Replacement	40 Years
Structure Replacement	40 Years

OTHER ASSUMPTIONS

Discount Rate: 4%

Expenditures at the beginning of each year

Repair options are assumed to be current technology