Bridge Rehabilitation Structure Concept

Alternative C: Long-Term Design Life

**Cost Range:** $18-29 million

**Work Items**

A. Remove existing overlay.
B. Remove existing traffic barrier and portion of sidewalk.
C. Remove existing pedestrian rail.
D. Remove existing pier top.
E. Remove existing drain pipe.
F. Remove existing light pole and base (not shown).
G. Remove existing concrete floor and install new metal grate floor.
H. Construct new pier top.
I. Repair delaminations in floor beams and stringers.
J. Repair delaminations in deck soffit.
K. Strengthen floor beams where designated.
L. Install 6" reinforced concrete overlay.
M. Install new traffic barrier.
N. Repair delaminated deck at edge.
O. Install new pedestrian rail.
P. Repair delaminations in spandrel aches and columns.
Q. Perform electrochemical chloride extraction at exterior arch ribs and spandrel columns.

Partial Deck Plan

Partial Elevation

Designated portion of structure to be removed