



LEGEND

- = HAIRLINE CRACK (NO REPAIRS)
- = SPALLED CONCRETE

Notes:
 Hatched area indicates Concrete Removal.
 Shaded areas indicate the extent of concrete removal at the wingwalls.
 Existing reinforcement shall be cleaned and incorporated into the new construction.
 Cost included in Concrete Removal.
 Any reinforcement bars that are damaged during concrete removal operations shall be repaired using an approved bar splicer or anchorage system.
 Cost included in Concrete Removal.

S.F. = SQUARE FEET
 L.F. = LINEAL FEET

BENTON & ASSOCIATES, INC.
QUIGG ENGINEERING, INC.

BILL OF MATERIAL

Item	Unit	Quantity
Structural Repair of Concrete (Depth Equal to or Less Than 5")	Sq Ft	81
Concrete Removal	Cu. Yd.	47