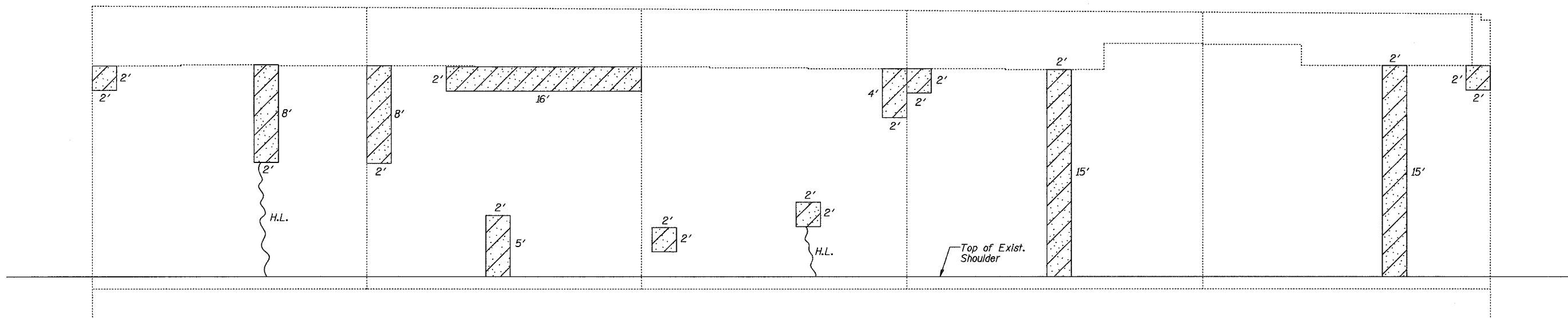


EXIST. EAST ABUTMENT ELEVATION, NORTH HALF
(Looking East)





EXIST. EAST ABUTMENT ELEVATION, SOUTH HALF
(Looking East)

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Structural Repair of Concrete (Depth Greater than 5")	Sq. Ft.	40
Structural Repair of Concrete (Depth Equal to or Less than 5")	Sq. Ft.	394

Note:
Quantities for Structural Repair of Concrete are approximate. Quantity of Structural Repair of Concrete (Depth Equal to or less than 5") was estimated from field observations. Quantity of Structural Repair of Concrete (Depth Greater than 5") is assumed to be 10% of the quantity for Structural Repair of Concrete (Depth Equal to or less than 5"). The actual repair areas will be determined by the Resident Engineer. Actual repair locations shall be shown on the as-built plans. The Contractor will be paid for the quantity furnished.

LEGEND

 Structural Repair of Concrete (Depth Equal to or Less than 5")
 Hairline Crack

DESIGNED	S.D.H.
CHECKED	J.A.Z.
DRAWN	M.S.M.
CHECKED	S.D.H.

SUBSTRUCTURE REPAIR
EAST ABUTMENT
FAP 541 (GRAND AVE.) OVER
IL RTE. 137 (AMSTUTZ EXPY.)
SECTION 9 HB-1-1
LAKE COUNTY
STATION 6+46.04
S.N. 049-0118
DATE: 03-27-08
GRAEF, ANHALT, SCHLOEMER & ASSOCIATES INC
CHICAGO ILLINOIS