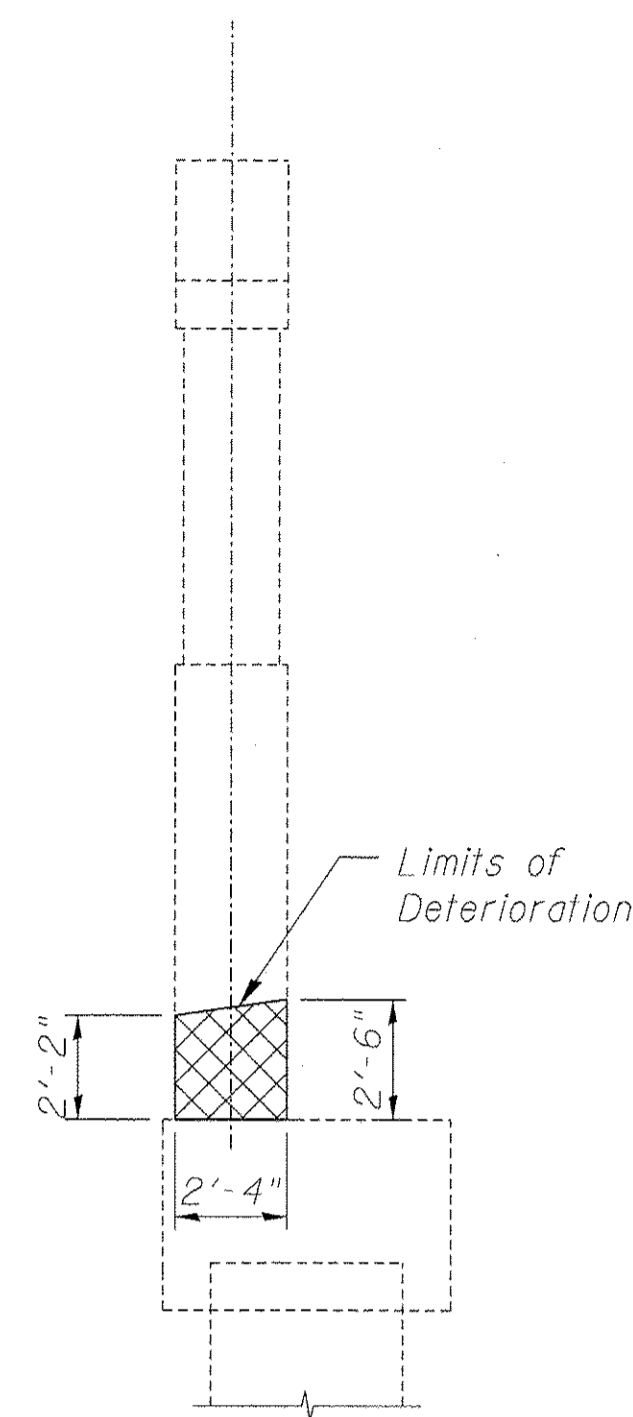
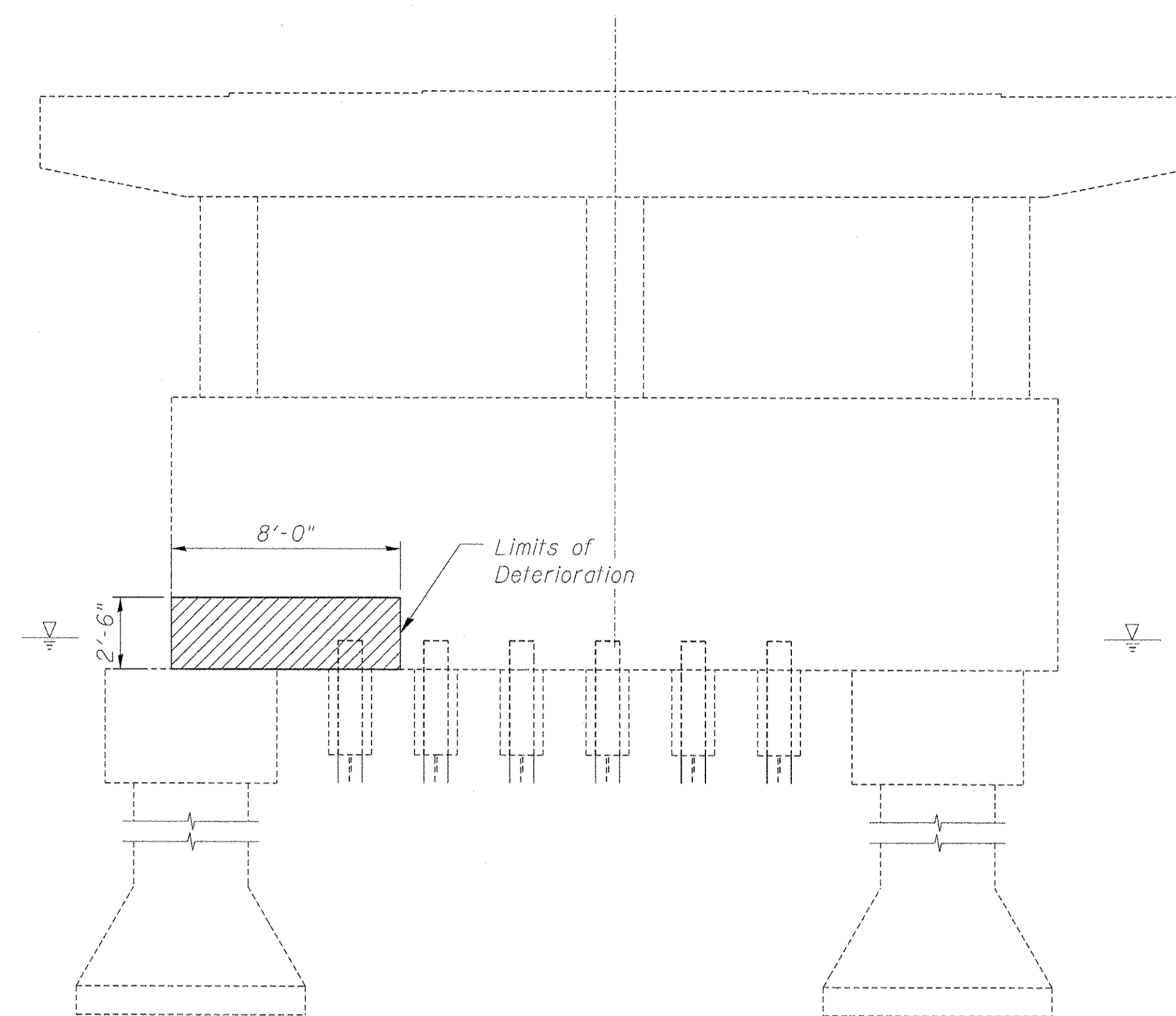


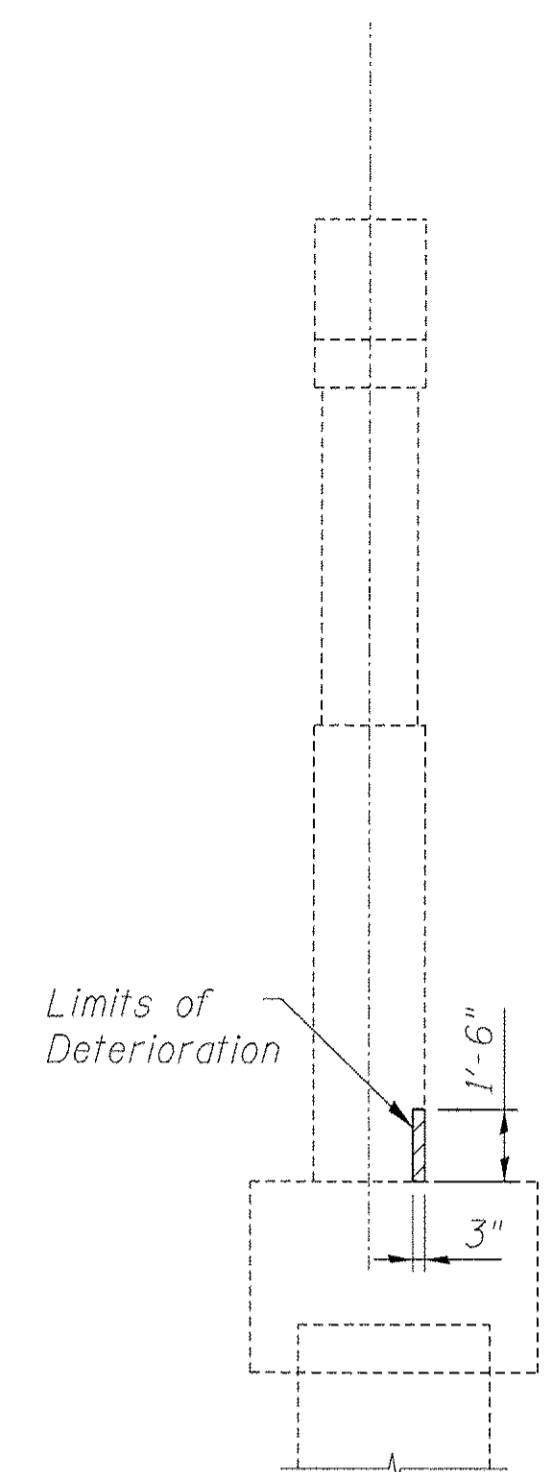
PIER 1 ELEVATION
(Looking East)



PIER 1 ELEVATION
(Looking North)



PIER 1 ELEVATION
(Looking West)



PIER 1 ELEVATION
(Looking South)

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)	Sq. Ft.	46
Structural Repair of Concrete (Depth Greater than 5 Inches)	Sq. Ft.	10

LEGEND:

- Structural Repair of Concrete (Depth Greater than 5 Inches)
- Structural Repair of Concrete (Depth Equal to or Less Than 5 Inches)

NOTES:

1. Structural repair areas are estimated based on Benesch field notes from November of 2012. Actual repair areas and locations shall be determined by the Engineer and shown on the As-Built plans.
2. Area around pier shall be dewatered for pier concrete repairs. Cost included with Cofferdam (Type 1) (Location - 1).

benesch
engineers · scientists · planners

Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10055.02

FILE NAME =	USER NAME = eship	DESIGNED - MFB	REVISED -
0166953.033_PierRepair1.dgn	PLOT SCALE =	CHECKED - JHG	REVISED -
	PLOT DATE = 2/19/2013	DRAWN - RMG	REVISED -
		CHECKED - JHG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER 1 CONCRETE REPAIR DETAILS
STRUCTURE NO. 016-6953 BRIDGE ST. OVER THE NORTH SHORE CHANNEL

SHEET NO. S33 OF S50 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	08-00251-00-BR	COOK	118	86
CONTRACT NO. 63817				

ILLINOIS FED. AID PROJECT

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