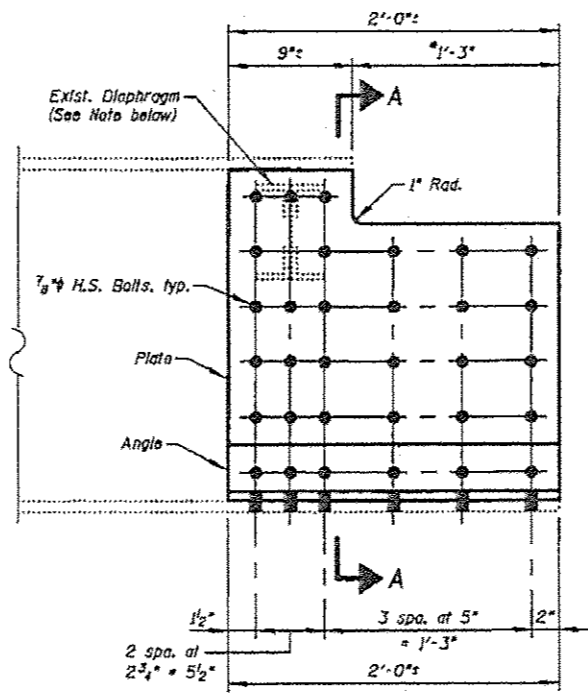


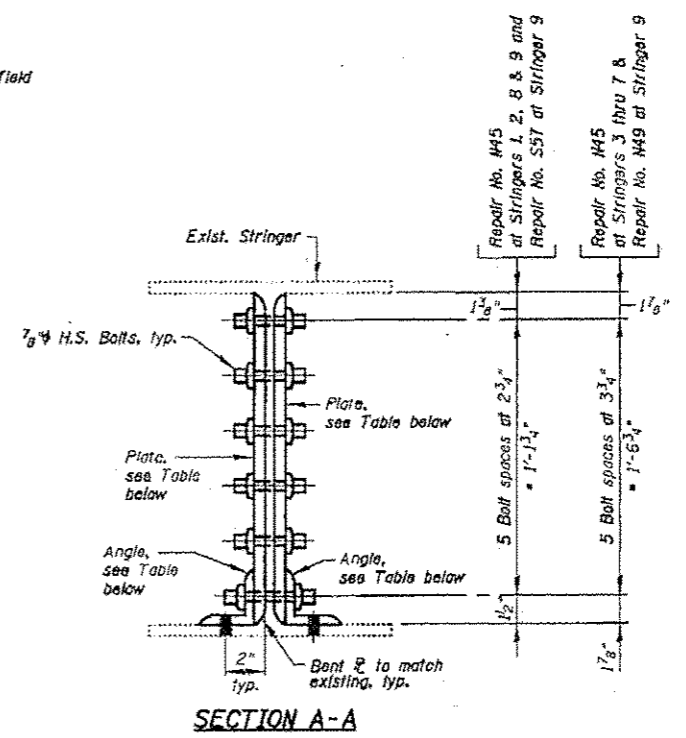
\*To be verified in field



REPAIR NO'S. N45, N49 & S57

REPAIR DETAIL (1)

ELEVATION  
(at Stringers 1 thru 9)



SECTION A-A

Notes:  
Existing Diaphragm shall be shortened to accommodate beam repair.  
The Contractor may rearrange bolt spacings, if necessary, to allow diaphragms to be installed after repair.

TABLE

Item	LOCATION			
	Southbound Roadway	Northbound Roadway		
	Repair No. S57 at Stringer 9	Repair No. N45 at Stringers 1, 2, 8 & 9	Repair No. N45 at Stringers 3 thru 7	Repair No. N49 at Stringer 9
Plates	2'-0"x1'-4 5/8"x3/8"	2'-0"x1'-4 5/8"x3/8"	2'-0"x1'-10 1/2"x3/8"	2'-0"x1'-10 1/2"x3/8"
Angles	3/2x3/2x1/4	3/2x3/2x1/4	4x4x1/4	4x4x1/4

BILL OF MATERIAL

DESCRIPTION	UNIT	TOTAL
Structural Steel Repair	Pound	5,760

FILE NAME: H:\182183.1-ES over Des Plains\Structural\CARD0 Sheets\ADIS062-51-structsteelrepairs-VII.dgn

CHRISTIAN-ROGE & ASSOCIATES, INC.

USER NAME: TDDT	DESIGNED: J.C.N./B.M.S./J.W.	REVISED: -
FLUT SCALE: 5/8" = 1' IN.	CHECKED: B.N.S./J.W.	REVISED: -
FLUT DATE: 3/19/2013	DRAWN: F.M.	REVISED: -
	DATE: MARCH 20, 2013	REVISED: -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

STRUCTURAL STEEL REPAIRS-VII  
STRUCTURE NO'S. 099-0000 & 099-0009

SHEET NO. 551 OF 560 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	87B, D-8R-1	MILL	106	87B
			CONTRACT NO. 60R62	
ILLINOIS FEDERAL AID PROJECT				