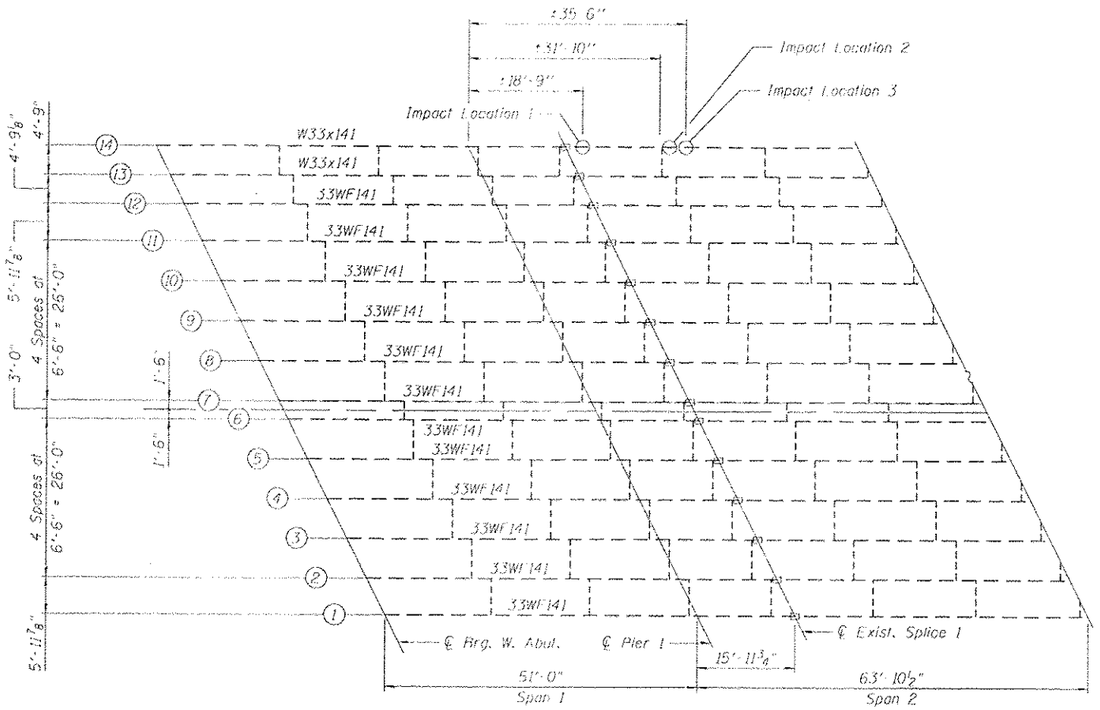
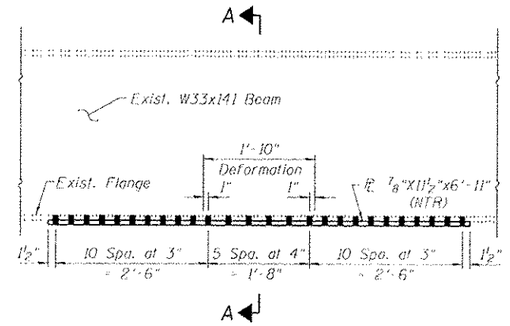


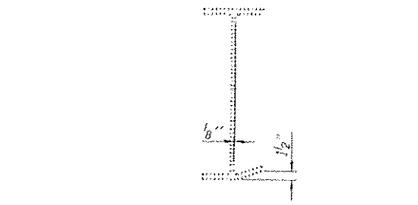
PARTIAL FRAMING PLAN

* Cost of field drilling holes and installation of cover plates at Impact Location 3 is included with Structural Steel Repair



COVER PLATE DETAIL - IMPACT LOCATION 3

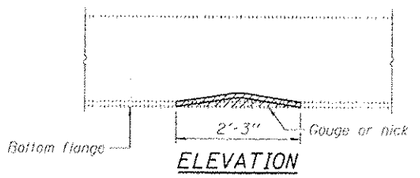
(Install cover plate after Beam Straightening has been completed)



EXISTING DEFORMATION TO BE STRAIGHTENED

(Looking West)

(Approximate max. deflections)



ELEVATION

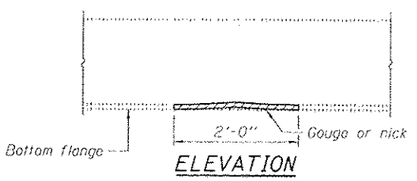
PLAN

IMPACT LOCATION 1

EXISTING DEFORMATION TO BE STRAIGHTENED

(Looking West)

(Approximate max. deflections)



ELEVATION

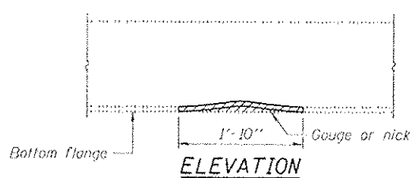
PLAN

IMPACT LOCATION 2

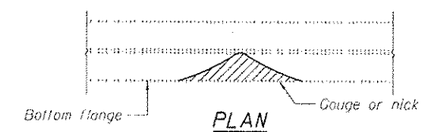
EXISTING DEFORMATION TO BE STRAIGHTENED

(Looking West)

(Approximate max. deflections)

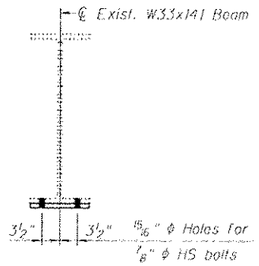


ELEVATION



PLAN

IMPACT LOCATION 3



SECTION A-A

BILL OF MATERIAL

Item	Unit	Total
Structural Steel Repair	Pound	296

Note:

The contractor shall provide maintenance of traffic for beam straightening. The maintenance of traffic plan shall be submitted to the Engineer for approval. Cost included with Traffic Control and Protection (Expressways).

12/5/2012 9:47:12 AM - G:\NDM\Projects\Bridges\CADD\Structure\060536-D60T35-d3-STRAM.dgn

TranSystems

USER NAME = kahastings	DESIGNED - SCJ	REVISED -	
	CHECKED - JRM	REVISED -	
PLOT SCALE = 2400 '/ in.	DRAWN - DMG	REVISED -	
PLOT DATE = 12/5/2012	CHECKED - MDS/DL/KAH	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEEL BEAM REPAIR DETAILS
STRUCTURE NO. 016-0536
SHEET NO. 9 OF 11 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0305	(1920.01,1518,2022&1922.4BJR)	COOK	919	499
		CONTRACT NO. 60T35		
		ILLINOIS FED. AID PROJECT		