



- Notes:**
1. Remove existing stiffener prior to install new bolted stiffener. See Structural Steel Repair Detail A For Cut Web Stiffener Detail.
 2. New stiffener to be vertical & 90 degrees to web.
 3. For gusset plate connections, bolt holes shall be field drilled to match existing locations or as directed by Engineer. For location where gusset plate is not present (S.N. 016-1114, Girder 1N of Span 3), no connection bolt and hole is required.

PARTIAL ELEVATION
(S.N. 016-1117 Only)

BILL OF MATERIAL

Item	Unit	Quantity
Structural Steel Repair	Pound	1,970

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
DAN RYAN ELEVATED BRIDGE
BEARING REPLACEMENT & STEEL REPAIR
STEEL REPAIRS - DETAIL B, D & F

SCALE: NTS
DATE: 3/1/2008

DRAWN BY: MTR
CHECKED BY: BLU

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