

**EXISTING ELEVATION- VIEW A-A**  
(Show South Bearing Lane)

**LEGEND:**

- Structural Steel Removal
- Jack and Remove Existing Bearings

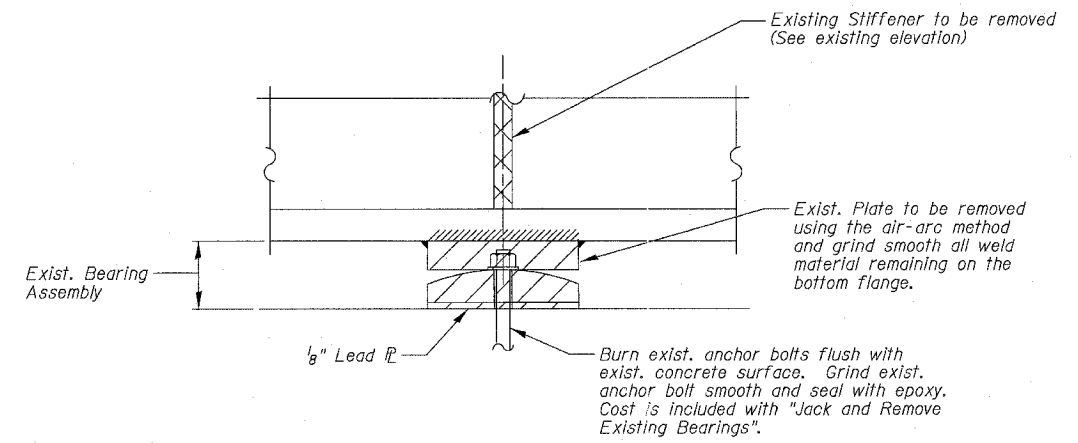
**EXISTING BEARING ASSEMBLY**

**SUPPORT REACTIONS & MINIMUM JACKING CAPACITY**

S/N	Girder	DL + 1/2(LL+I)	Min. Jack. Capacity (k)
016-1067 (Pier A13)	1	26	30
	2	67	70
	3	78	80
	4	95	95
	5	78	80

BEAM	HEIGHT*
1	3 1/4"
2	3"
3	3"
4	3"
5	1 1/2"

\* Includes 1/8" lead fl.



**EXISTING BEARING REMOVAL DETAIL**

**BILL OF MATERIAL**

Item	Unit	Total
Structural Steel Removal	Pound	2,230
Jack and Remove Existing Bearings	Each	5
Temporary Shoring and Cribbing	Each	5

**NOTES:**

- The quantity of "Jack and Remove Existing Bearings" includes the jacking and removal of the existing fixed bearings at beams 1 to 5.
- See Sheet 275 for bearing seat work at beams 2 and 5.

BOWMAN, BARRETT & ASSOCIATES INC.  
CONSULTING ENGINEERS  
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
SB DAN RYAN ELEVATED BRIDGE  
  
PIER A13 SN 016-1067  
STEEL REMOVAL DETAILS  
  
SCALE: NTS  
DATE: 5/25/2006  
  
DRAWN BY: BDC  
CHECKED BY: IYL

I-680 BRIDGE SHEETS 660.21-DIG-ITF-F0449