

.A.I. 24 JOHNSON 150 DEPARTMENT OF TRANSPORTATION PED. RCAD DIST. NO. 7 Existing Seismic Lock-up Devices at BSMART FY Ø4-3 98836 beams #8 and #11 to remain in place Existing Plate to be removed using the air-arc method and arind smooth all weld material remaining on the bottom flange. Burn the existing anchor bolts flush with existing concrete surface. Grind existing anchor bolts smooth and seal with epoxy. **ABUTS** EXISTING BEARING REMOVAL DETAILS Cost is included with Jack and Remove Existing Bearings -**@** Beam 78" \$ Holes (Typ.)

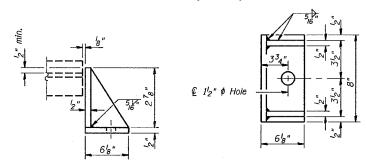
# Bonded 7" 2" 3" 2" Ar # Threaded Stud with flat washer & hex nut. (4-Reqd.) P: 134" x 7" x 1'-0" Bonded 3- Layers of 56" Elastomer (55 Durometer)

TYPE I ELASTOMERIC EXP. BRG.

2 - 14 ga. Steel Plates

# BEARING ASSEMBLY

Note: Shim plates shall not be placed under Bearing Assembly.



### SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates. Weight included with Furnishing and Erecting Structural Steel.

DESIGNED:	MAS	
CHECKED:	MAS	
DRAWN:	JB	
CHECKED:	MAS	

## **GIRDER REACTIONS**

Notes: See sheet 132 for Anchor Bolt installation.

R₽	(K)	11.8
R4	(K)	31.0
Imp.	(K)	9.3
R (Total)	(K)	52.1

Notes: Side retainers shall not be used with the new bearings at beams #8 and #11.

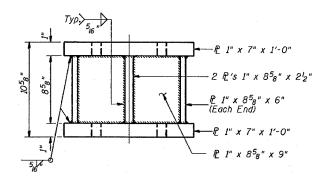
Prior to ordering any material, the Contractor shall verify in the field all bearing height and shim thickness dimensions. The minimum jack capacity required is 30 Tons.

New steel extensions, side retainers, connection bolts, anchor bolts, and shim plates are included in "Furnishing and Erecting Structural Steel".

Hatched areas indicate Jack and Remove Existing Bearings.

Existing diaphragm removal may be required to provide clearance for the drill during drilling holes in the bottom flange for new bearing attachment. Cost shall be included in the cost of "Furnishing and Erecting Structural Steel".

# PLAN-TOP & BOTTOM PLATE



TOTAL

128

STEEL EXTENSION AT NORTH ABUT.

### BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	6
Jack and Remove Existing Bearings	Each	6

NORTH ABUTMENT

TYPE I ELASTOMERIC BEARING

JOHNSON COUNTY

S.N. 044-0042 (W.B.)