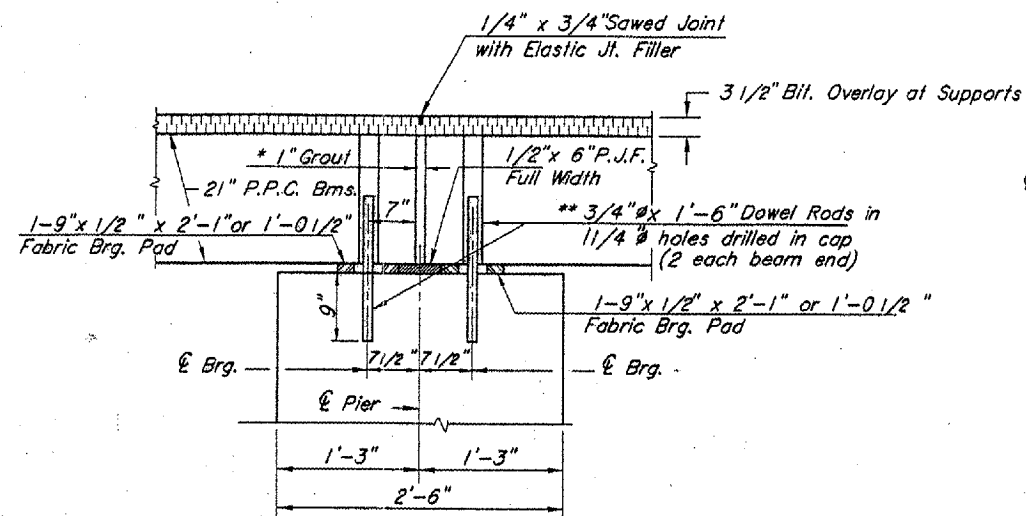


### TYPICAL BEARING PAD LAYOUT AT PIERS

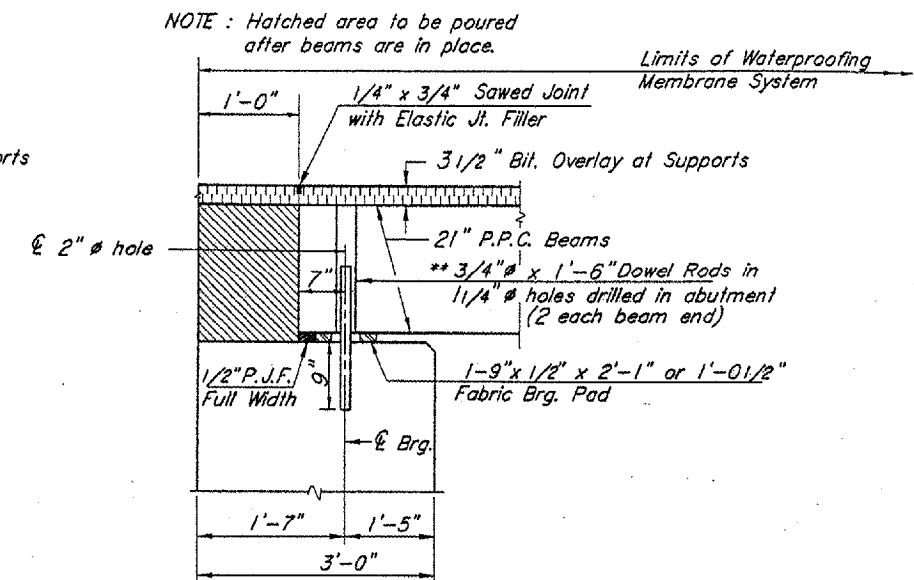
(Symmetrical About The Centerline Of The Roadway)



### FIXED PIER

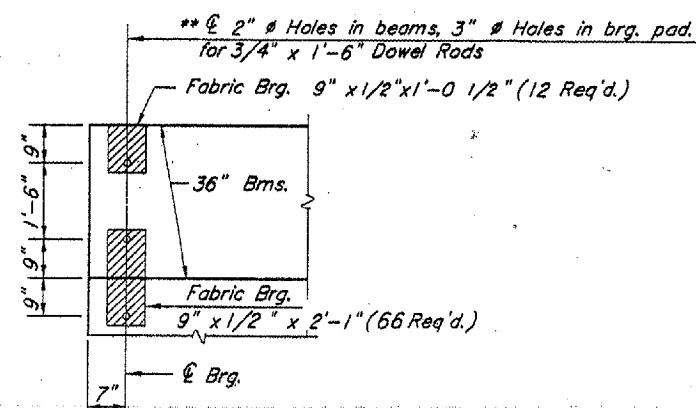
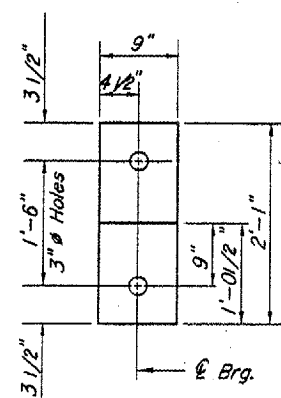
\* 1" Joint shall be packed with a very dry mix of 2:1 sand and P.C. Mortar.  
1" Dimension may vary plus or minus to accommodate tolerance in beam lengths.

\*\* After beams are in place, holes shall be drilled into the bridge seat and the dowel rods grouted in place and allowed to cure (Min. 24 Hrs.) prior to grouting shear keys.



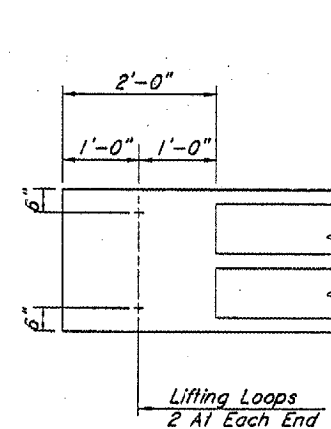
### FIXED ABUT.

Provide Two (2) 1/8" Fabric Shim Pads (9" x 1'-0 1/2") as required for all bearings.



### 1/2" FABRIC BRG. PADS

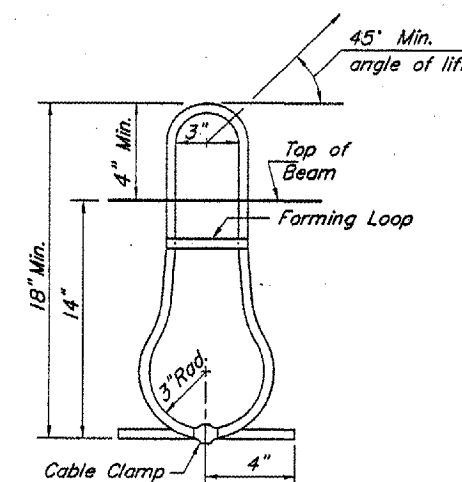
### FIXED BEARINGS



### DETAIL OF LIFTING LOOP

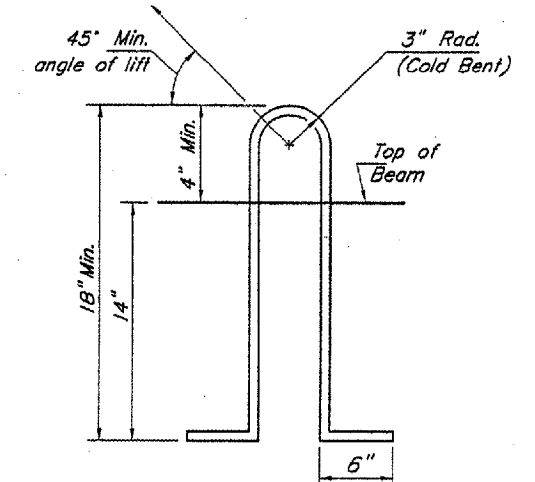
Lifting loops shall be 6 x 25 class wire rope with fiber core. Each beam shall have four lifting loops, two cast in each end as shown above. Loops shall be burned off after beams have been erected. Min. ultimate tensile strength shall be as specified below.

	Req'd. Dia. Of Wire Rope	Min. Ultimate Tensile Strength (lbs.)
Span #3	1/2"	21,000
Span #1 & #2	5/8"	33,000



### DETAIL OF ALTERNATE LIFTING LOOP

Lifting loops shall be 7 wire 1/2" # 270 ksi prestressing strands-(2 strands required at each point.) The loop shall be formed in such a manner that all strands are engaged during lifting.



### BEARING DETAILS

Blancette 'BRODITLS'