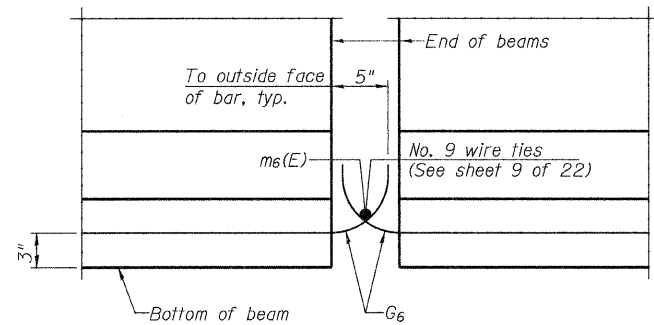
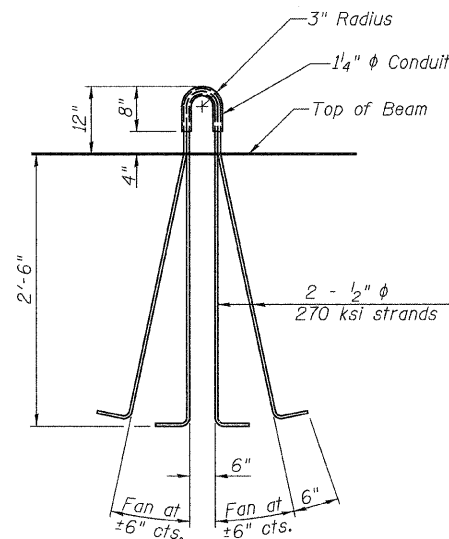
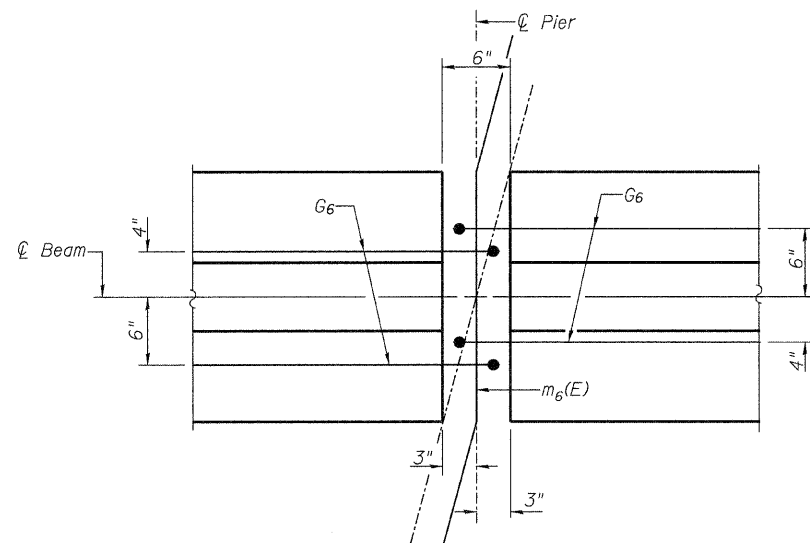




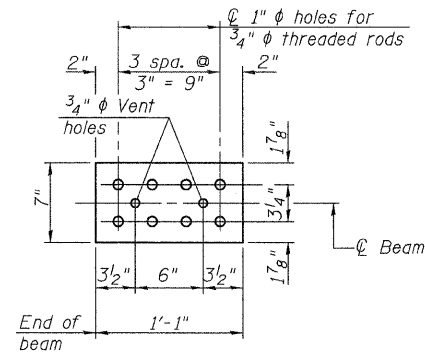
ELEVATION OF BEAM AT PIER



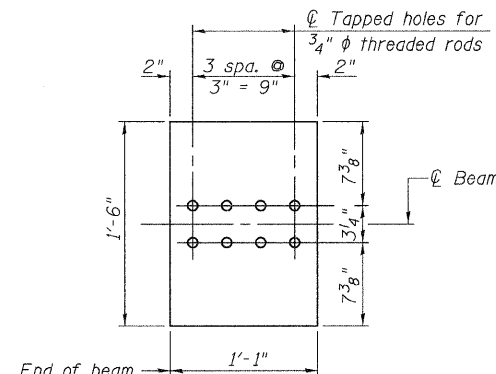
LIFTING LOOP DETAIL



PLAN OF BEAM AT PIER



TOP PLATE



BOTTOM PLATE

NOTES

Inserts for 3/4" ϕ threaded dowel rods, when specified, are to be two strut, coil type for interior beams and single coil, flared loop type for exterior beams.

Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in.

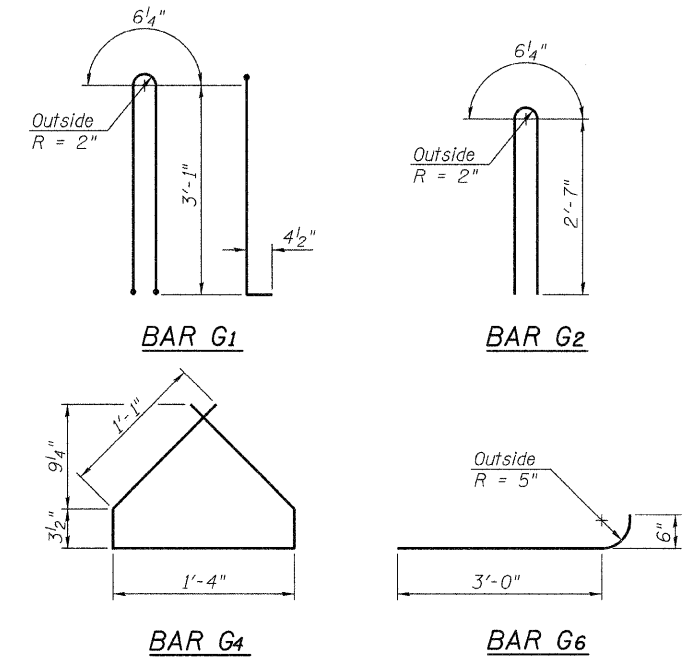
Reinforcement bars shall conform to ASTM A 706, Grade 60. (See Special Provisions).

A minimum 2 1/2" ϕ lifting pin shall be used to engage the lifting loops during handling. Cut G₆ bars when necessary to maintain 1/2" clearance.

The top and bottom plates shall be AASHTO M270 Grade 50.

The bottom plates and studs shall be galvanized according to AASHTO M111.

Threaded rods shall be ASTM F 1554 Grade 55.



BILL OF MATERIAL

Item	Unit	Total
Furnishing and Erecting Precast Prestressed Concrete I-Beams, 36"	FOOT	999