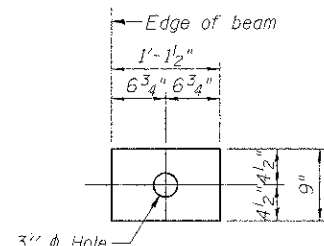
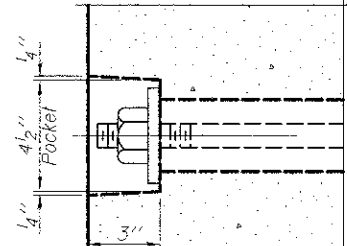


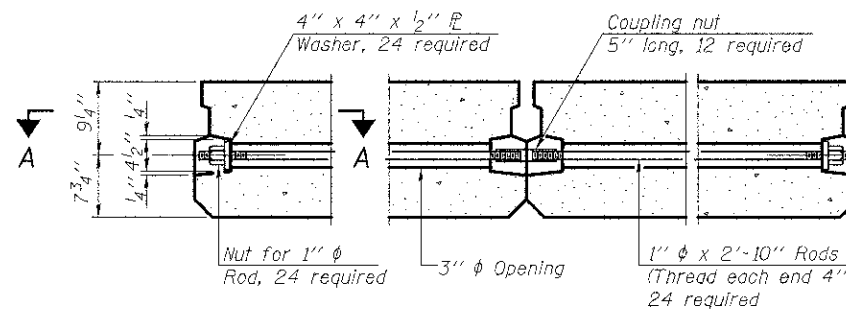
FABRIC BEARING PAD
(Interior)



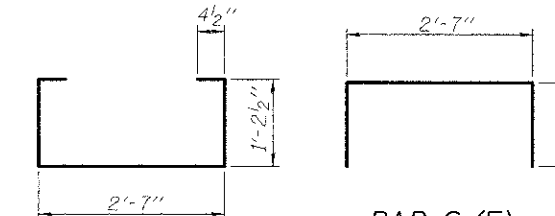
FABRIC BEARING PAD
(Exterior)



SECTION A-A



TYPICAL TRANSVERSE TIE ASSEMBLY



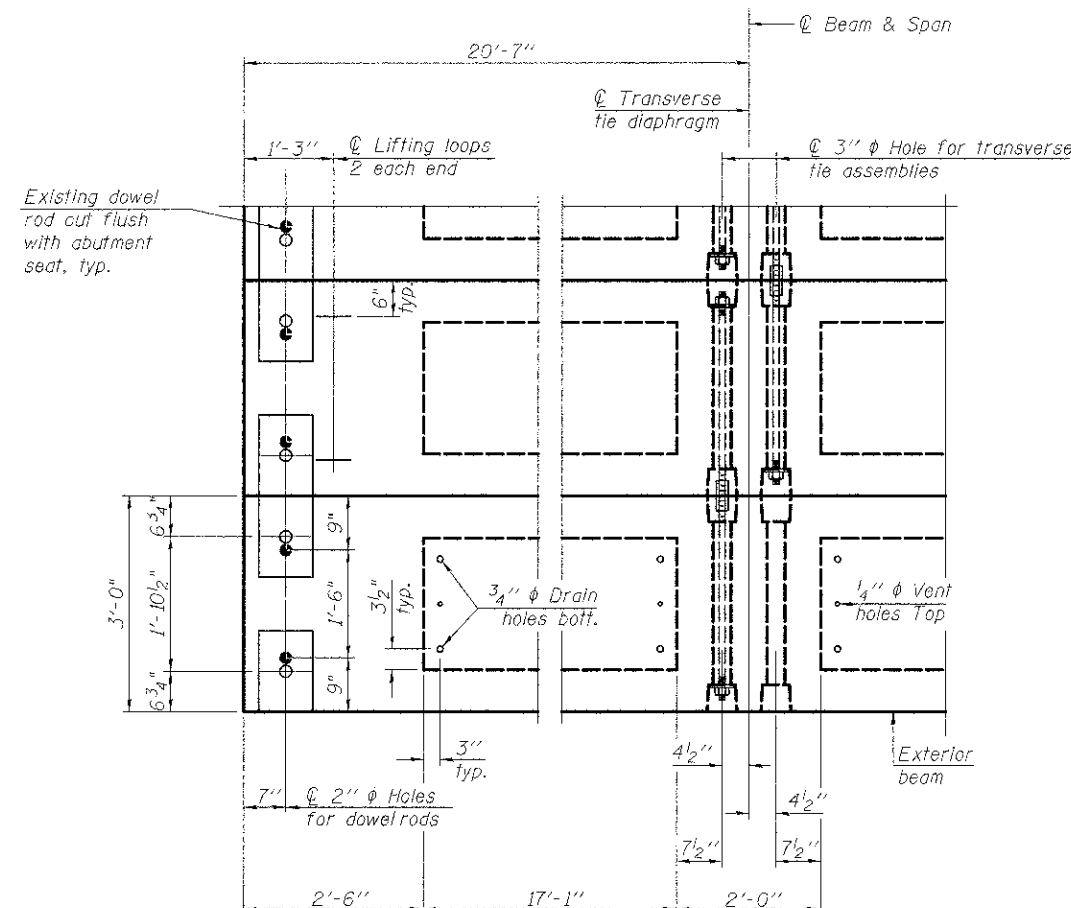
BAR S(E)

BAR S₁(E)

BAR U(E)

BAR U₁(E)

Note: All bearing pads shall be 1" thick.



PLAN VIEW

Note: Verify existing 1" diameter dowel spacing and existing dimensions in field prior to ordering 17" x 36" PPC deck beams.

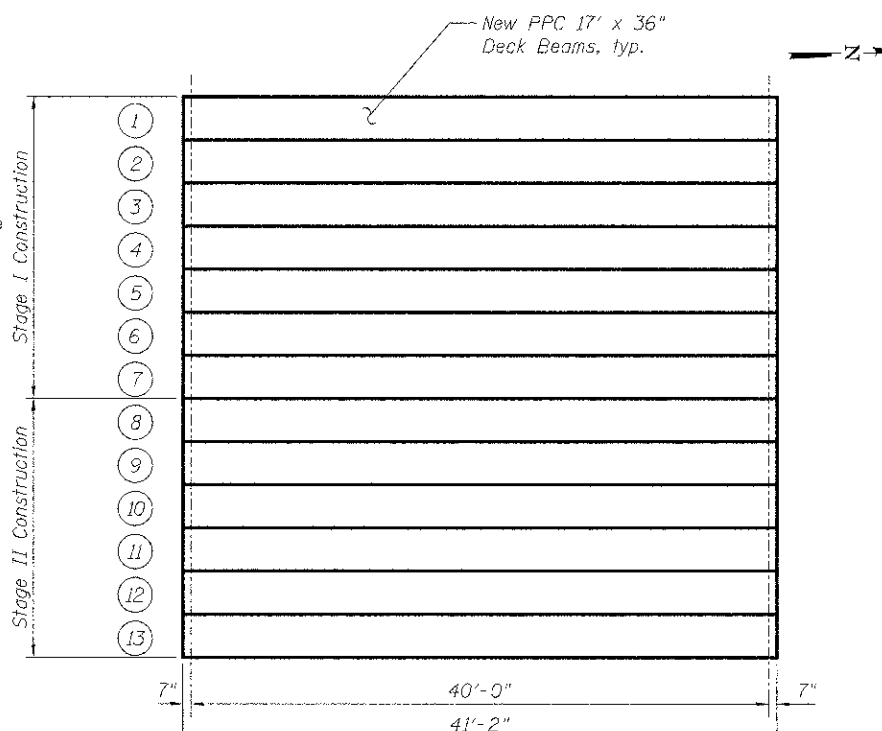
Connect beams in pairs with the transverse tie configuration shown.

BILL OF MATERIAL

Precast Prestressed Conc. Deck Bms. (17" depth)	Sq. Ft.	1,606
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Notes:

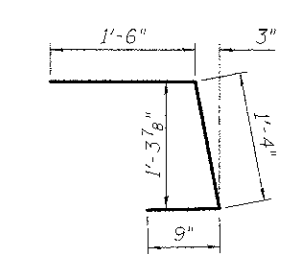
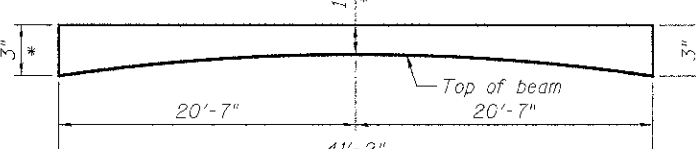
- Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be 1/2" and the nominal cross-sectional area shall be 0.153 sq. in.
- The 1" diameter rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets on exterior faces of bridge shall be filled with grout after transverse tie assembly is in place.
- Reinforcement bars shall conform to ASTM A 706, Grade 60. (See Special Provisions).
- Two 1/8" fabric adjusting shims of the dimensions of the exterior bearing pad shall be provided for each bearing pad location.
- A minimum 2 1/2" diameter lifting pin shall be used to engage the lifting loops during handling.
- Corrosion Inhibitor, per Article 1020.05(b)(12) and 1021.06 of the Standard Specifications, shall be used in the concrete for precast prestressed concrete deck beams.
- Compressive strength of prestressed concrete, f'c, shall be 6000 psi.
- Compressive strength of prestressed concrete at release, f'ci, shall be 5000 psi.



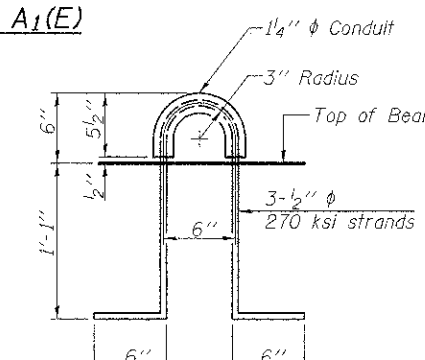
FRAMING PLAN

ANTICIPATED HMA WEARING SURFACE PROFILE

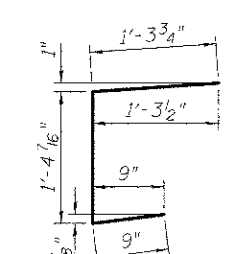
(For information only)
* Approximate HMA height based on existing plans. Field verify to keep the min. HMA height at 1 1/4" at the center of the beam.



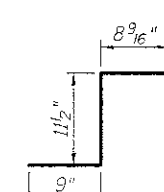
BAR c₁(E)



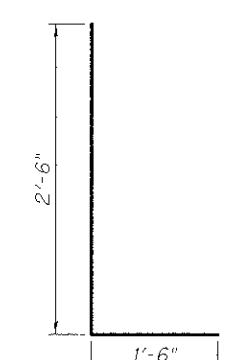
LIFTING LOOP DETAIL



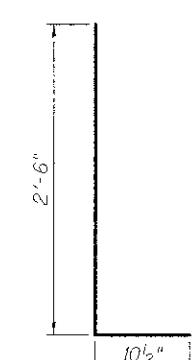
BAR c₂(E)



BAR c₃(E)



BAR d(E)



BAR d₁(E)

