



NOTE:
Connect beams in pairs with the transverse tie configuration shown.
Unused transverse tie hole on exterior beams can be omitted.

BILL OF MATERIAL

Item	Unit	Quantity
Precast Prestressed Concrete Deck Beams (33" Depth)	Sq. Ft.	2,184

NOTES:
See Structural Sheet 10 of 18 for Fabric Bearing Pad Details.
Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal ϕ shall be $1/2$ " and the nominal cross-sectional area shall be 0.153 sq. in.
The 1" ϕ 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).
A minimum 2 1/2" ϕ 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 6,000 psi.
Compressive strength of prestressed concrete at release, $f'ci$, shall be 5,000 psi.

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