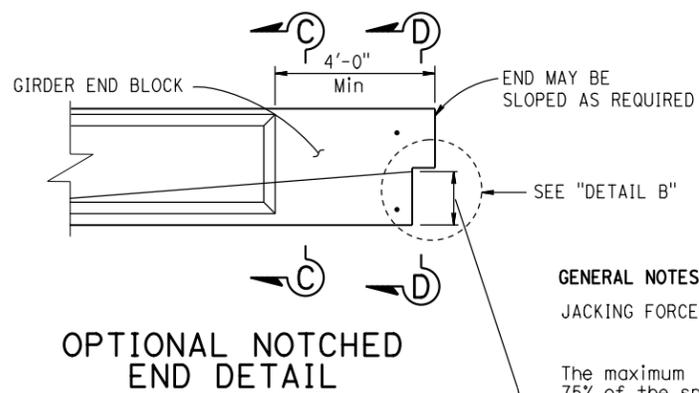
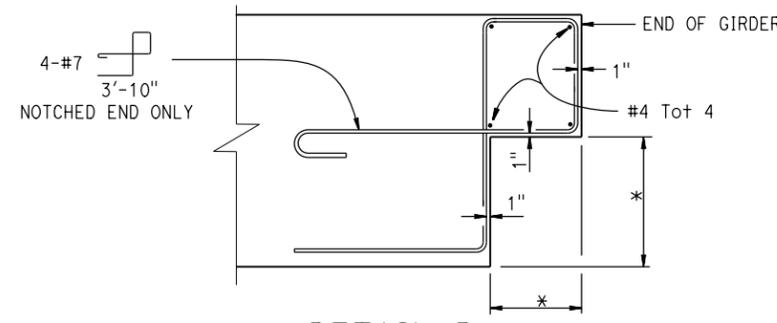




CLEARANCES FOR PRETENSIONED STRANDS

1. Strands may be bundled in groups consisting of 3 vertically, 2 horizontally and separated at the ends
2. The Min distance "S" between groups or individual strands is 1/2" for 3/8" ϕ strands, 1 3/4" for 1/2" ϕ strands, 2" for 0.6" ϕ strands
3. "S" is measured between centers of adjacent strands
4. Approval by the Engineer is required for deviation



GENERAL NOTES:

JACKING FORCE (P): The jacking force required at the point of control along the span. The jacking force does not include any fabrication specific losses. The maximum tensile stress in the prestressing steel upon release shall not exceed 75% of the specified minimum ultimate tensile strength of the prestressing steel. The maximum temporary tensile stress (jacking stress) in the prestressing steel shall not exceed 80% of the specified minimum ultimate tensile strength of the prestressing steel.

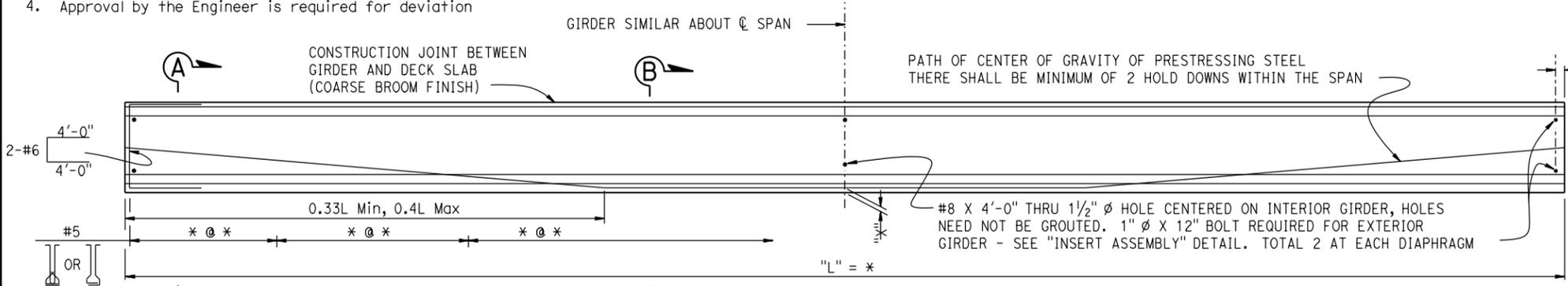
CONCRETE STRENGTH: f'_{ci} is at time of initial stressing
 f'_c is at 28 days

DEFLECTION COMPONENTS: Informational - to be used in setting screed line elevations

Screed line elevations for deck concrete will be determined by the Engineer. Contractor may interpolate "P" and "X" values between limits shown, as approved by the Engineer.

Use epoxy coated reinforcement in Environmental Area III

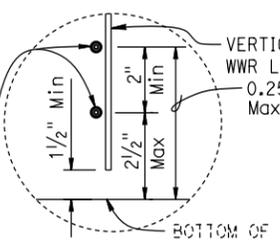
Girder location or designation and length	Jacking Force (P) (Kips)	Concrete Strength (ksi)		Midspan Dead Load Deflection (inches)	
		f'_{ci}	f'_c	Deck	Rail
"X"	4"				
	6"				
	4"				
	6"				



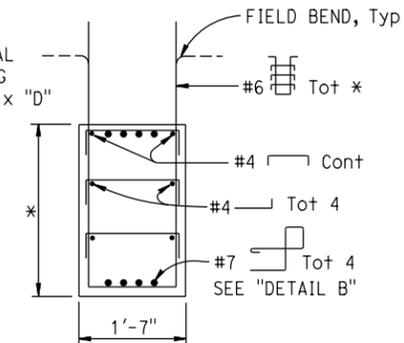
ELEVATION

* ENGINEER TO FILL IN THESE VALUES, THEN DELETE THIS NOTE

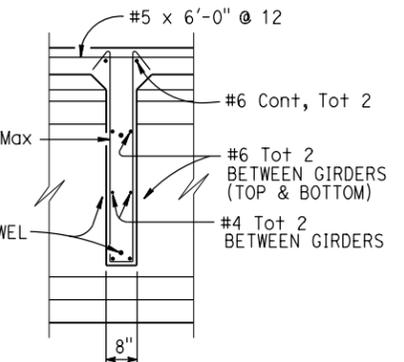
LONGITUDINAL WIRE AREA MUST BE 40% OR GREATER OF VERTICAL DEFORMED WIRE'S AREA



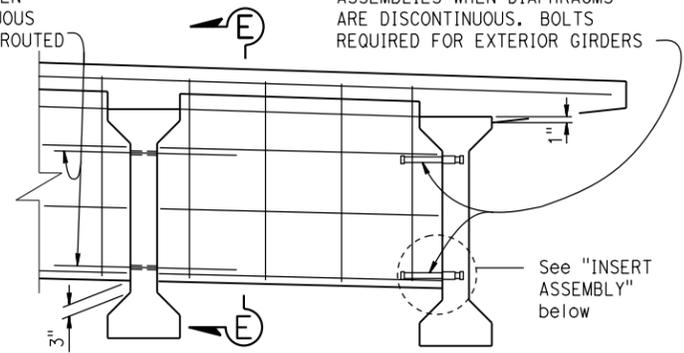
DETAIL A



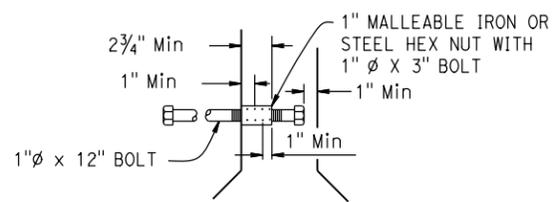
SECTION D-D



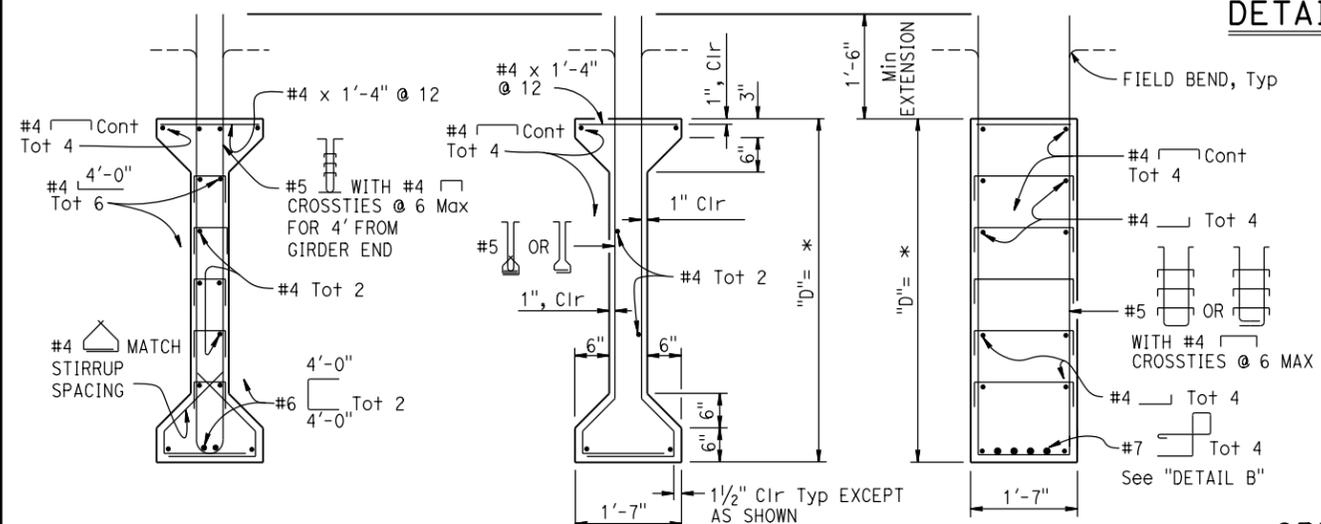
SECTION E-E



INTERMEDIATE DIAPHRAGM



INSERT ASSEMBLY



SECTION A-A

SECTION B-B

SECTION C-C

OPTIONAL WELDED WIRE REINFORCEMENT (WWR) DETAIL

WWR NOTE: MANUFACTURER'S SHOP DRAWING SHALL CONFORM TO THE REINFORCEMENT SHOWN ON THIS SHEET AS NOTED AND THE SPECIAL PROVISIONS

NO SCALE