

LOCATION	A	B	C	D	E
GIRDER A	#5 @ 3	# @ -	# @ -	# @ -	# @ -
GIRDER B					
GIRDER C					
GIRDER *					

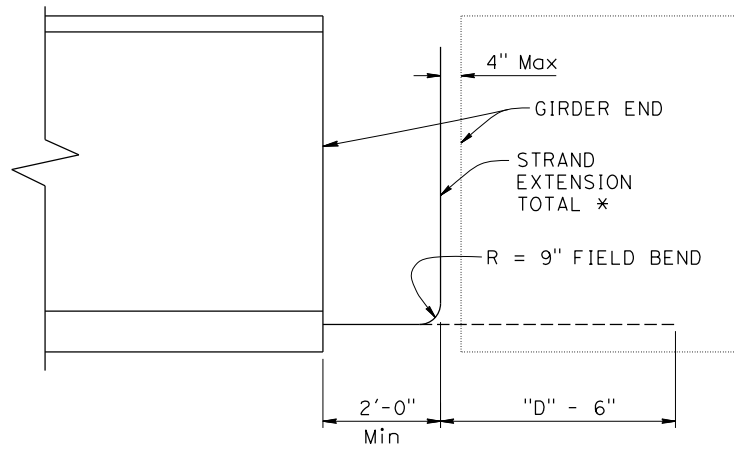
LOCATION	GIRDER LENGTH (L)	GIRDER DEPTH (D)	"X" (in)	JACKING FORCE (P) (kips)	As, Min (in ²) of 0.6" Ø STRANDS	"Y" (in)	CONCRETE STRENGTH (ksi)		MIDSPAN DEAD LOAD DEFLECTION (ft)		ADDITIONAL TOP BAR (EACH END)
							f' _{ci}	f' _c	DECK	RAIL	
GIRDER A			4								#_ x _ Tot _
GIRDER B			4								
GIRDER C			4								
GIRDER *			4								

ELEVATION

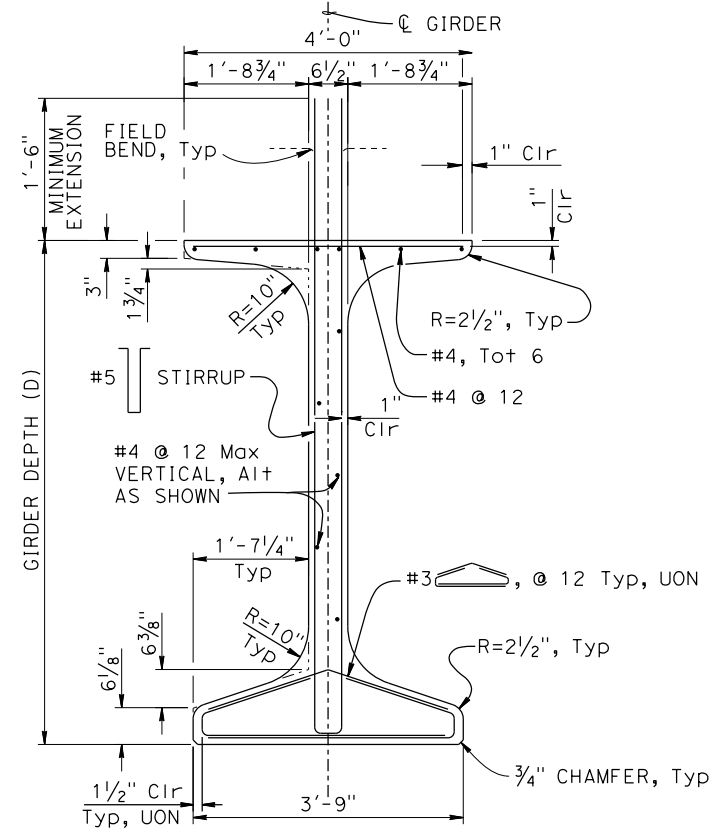
NOTE: Girder ends to be cast such that a level surface is provided at bearing pads.

NOTES:

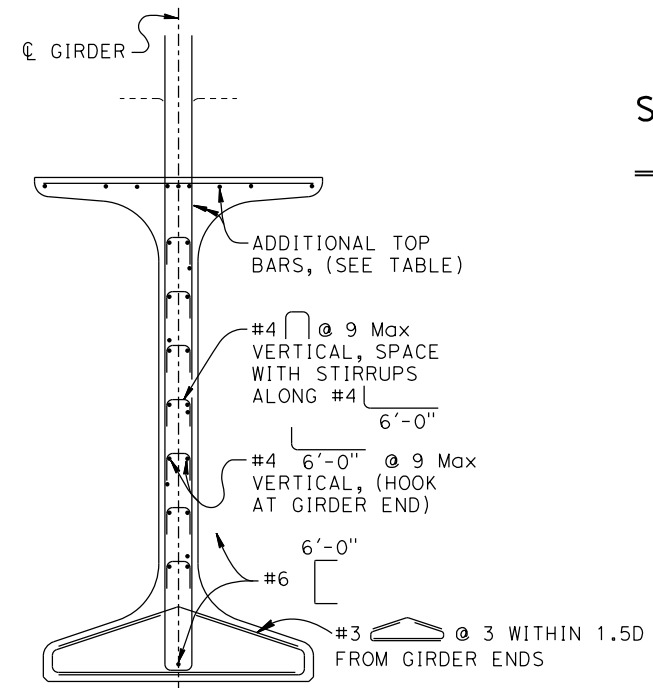
- The Jacking Force (P) is the force required at the center of the span before all design losses. The jacking force does not include any fabrication specific losses.
 - Concrete strength: f'_{ci} is at time of initial stressing; f'_c is the 28-day compression strength
 - Deflection components will be used to set screed line elevations.
 - Screed line elevations for deck concrete will be determined by the Engineer.
 - Prestressing strand shall be 270 ksi low relaxation.
 - Contractor may interpolate "JACKING FORCE" and "X" values between the limits shown, as approved by the Engineer.
 - There must be a minimum of two hold downs per girder for the prestressing within the span.
 - As, min is the minimum area required of prestressing steel.
 - For "DETAIL B", see "PC/PRE-TENSIONED WIDE FLANGE GIRDER (MISC DETAILS)" sheet.
- * ENGINEER TO FILL IN THIS VALUE, THEN DELETE THIS NOTE



STRAND EXTENSION HOOK DETAIL FOR CONTINUITY DIAPHRAGM (AT BENT)

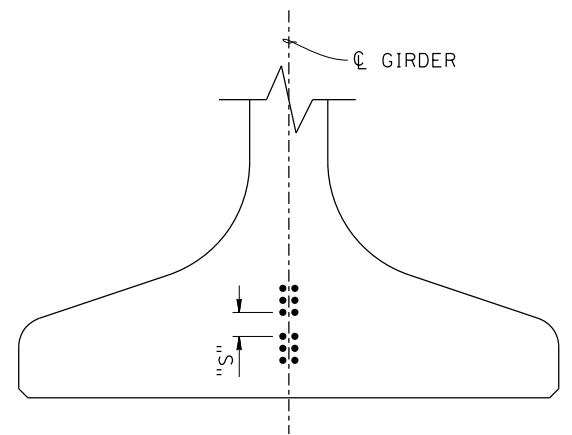


TYPICAL GIRDER SECTION



NOTE: For details not shown, see "TYPICAL GIRDER SECTION"

SECTION A-A



CLEARANCES FOR PRETENSIONED STRANDS

STRAND CLEARANCES NOTES:

- Strands may be bundled in groups consisting of 3 vertically and 2 horizontally at midspan and separated at the ends.
- The minimum distance "S" between groups or individual strands is 1 3/4" for 0.5" Ø strand and 2" for 0.6" Ø strand.
- "S" is measured between centers of adjacent strands.
- Authorization of Engineer is required for deviation.

NOTE: For "WELDED WIRE REINFORCEMENT (WWR) ALTERNATIVE", see "PC/PRE-TENSIONED WIDE FLANGE GIRDER (MISC DETAILS)" sheet.

NO SCALE