

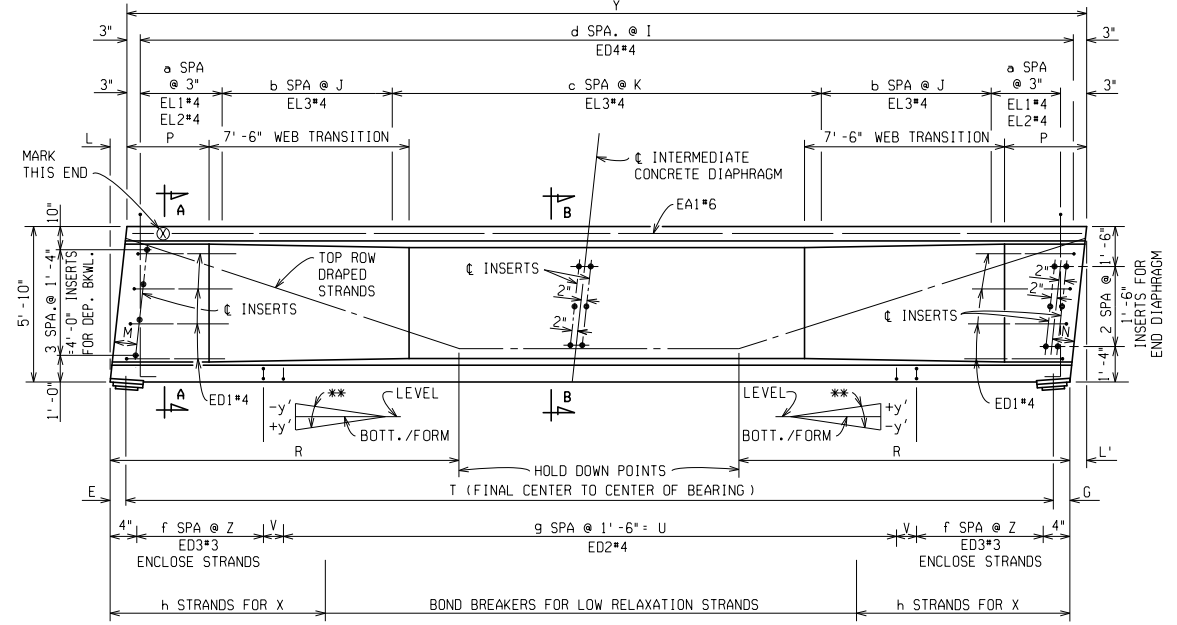
BAR	A	B	E	H	I	J	K
EA1#6	Y - 3"						
EA2#6							
ED1#4	9'-0"	1'-0 1/2"					
ED2#4	5 1/2"	1'-11 1/2"					
ED3#3	1'-6"	5 1/2"					
ED4#4	3"	2'-2"					
EL1#4	6'-1 1/2"	1'-1 1/2"	6" HOOK				
EL2#4	6'-1 1/2"	1'-1 1/2"	6" HOOK	3 3/8"	9"	4"	5 5/8"
EL3#4	6'-1 1/2"	3 1/2"	6"				

* E INDICATES EPOXY COATED BAR

ERECTION DIAGRAM

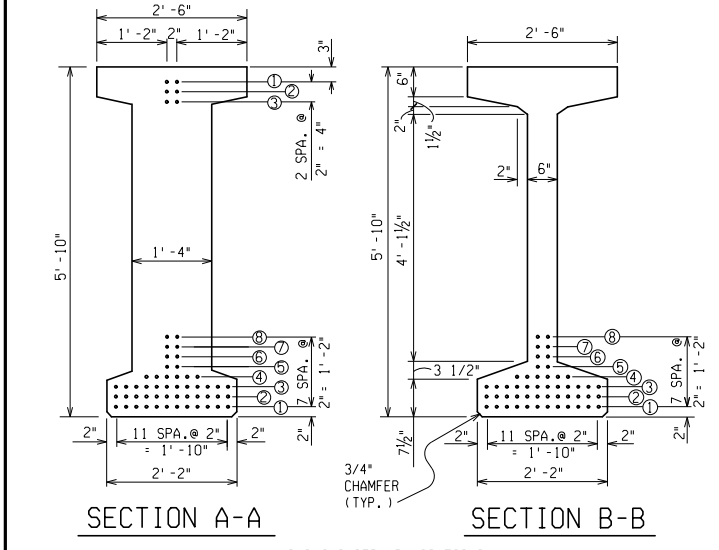
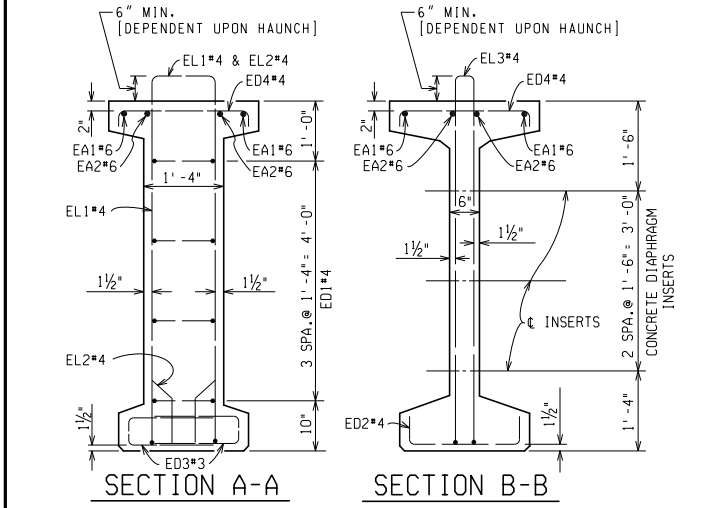
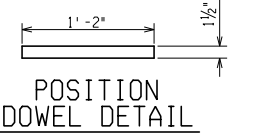
MARK NO./REQ.			
a			
b			
c			
d			
e			
f			
g			
h			
i			
j			
k			
l			
m			
n			
o			
p			
q			
r			
s			
t			
u			
v			
w			
x			
y			
z			
APPROX. WEIGHT			

* FORMING DIMENSION. IF L OR L' IS COMPUTED TO BE BETWEEN -1/2" & +1/2" USE L=0 OR L'=0.
* MEASURED ALONG BEAM C-C.



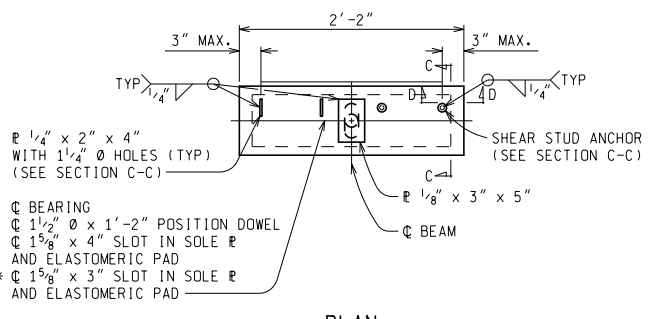
ELEVATION

** BOTT./SOLE PLATE (DEPENDENT ON TILT)

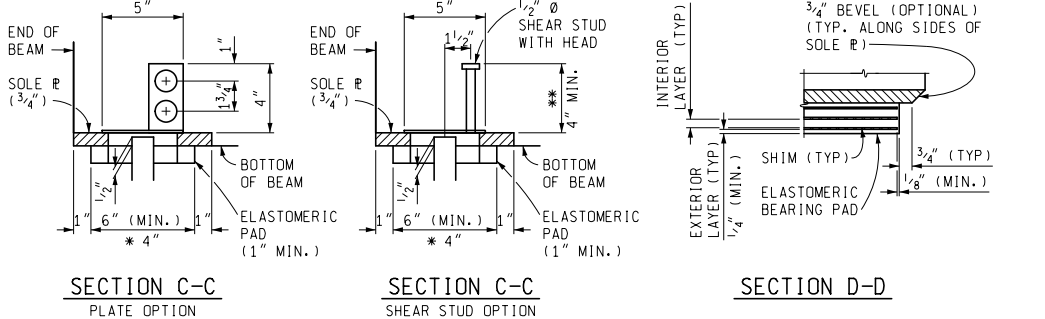


SHOWING STRAND LOCATIONS
● LOW RELAXATION STRAND LOCATION
+ DEBONDED STRAND FOR LOW RELAXATION STRAND

-----	Sin Bearing, Elastomeric, .. inch
-----	Ft Prest Conc I Beam, Furn, .. inch
-----	Ft Prest Conc I Beam, Erect, .. inch



PLAN BEARING DETAILS



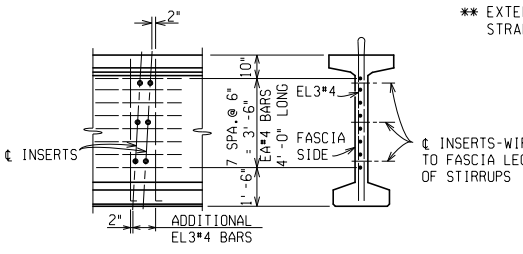
SECTION C-C PLATE OPTION
SECTION C-C SHEAR STUD OPTION
SECTION D-D

* 4" MINIMUM PAD LENGTH WITH 3" SLOT MAY BE USED WHEN BEAM ROTATION AND PAD PRESSURE REQUIREMENTS DICTATE.
** EXTEND SHEAR STUDS ABOVE HIGHEST ROW WITH STRANDS WITHOUT INTERFERENCE TO REINFORCEMENT

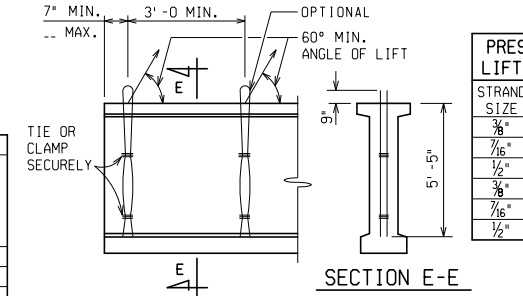
THICKNESS (L) PARALLEL TO BEAM (W) PERPENDIC. TO BEAM	SPAN		SPAN		SPAN		SPAN	
	ABUT	PIER	PIER	PIER	PIER	PIER	PIER	ABUT
CG								
LAYERS	●	●	●	●	●	●	●	●
SHIMS	●	●	●	●	●	●	●	●

BEAM LINE	SPAN		SPAN		SPAN		SPAN	
	ABUT	PIER	PIER	PIER	PIER	PIER	PIER	ABUT

SPAN	MIDSPAN (SECTION B-B)				END FACE (SECTION A-A)				TOTAL NUMBER	INITIAL PRESTRESS FORCE/STRAND (LBS.)	REQUIRED CONCRETE RELEASE STRENGTH (PSI)
	1	2	3	4	1	2	3	4			



FASCIA BEAM INTERMEDIATE DIAPHRAGM INSERT DETAILS



SECTION E-E LIFTING DEVICE

STRAND SIZE	NO. OF STRANDS	ALLOWABLE BEAM WT.
3/8"	4	40 TONS
7/16"	4	54 TONS
1/2"	4	72 TONS
3/8"	3	30 TONS
7/16"	3	40.5 TONS
1/2"	3	54 TONS

CONCRETE INSERT DETAILS

STAGGER CONCRETE INSERTS AT ENDS OF BEAMS.
USE CONTINUOUS OR STAGGERED INSERTS AT MIDSPAN. [USE FOR CONCRETE DIAPHRAGMS]
USE STAGGERED INSERTS AT MIDSPAN AND INDEPENDENT BACKWALLS. CAST PERPENDICULAR TO BEAM WEBS. [USE WITH STEEL DIAPHRAGMS WHEN REQUIRED θ ANGLE IS $< 80^\circ$]
USE CONTINUOUS HOLE FORMED WITH 1 1/2" I.D. PLASTIC PIPE. [USE WITH STEEL DIAPHRAGMS WHEN REQUIRED θ ANGLE IS $\geq 80^\circ$ AND AT DEPENDENT BACKWALLS.]
BEND THREADED REINFORCEMENT FOR STAGGERED INSERTS TO THE REQUIRED θ ANGLE PRIOR TO INSTALLATION. [USE FOR CONCRETE DIAPHRAGMS AND ABUTMENTS WITH DEPENDENT BACKWALLS]
INSTALLATION OF BENT REINFORCEMENT MAY BE REQUIRED BEFORE BEAM IS ERECTED PRIOR TO INSTALLATION. [USE FOR CONCRETE DIAPHRAGMS AND ABUTMENTS WITH DEPENDENT BACKWALLS]
OMIT INSERTS ON OUTSIDE OF FASCIA BEAMS EXCEPT AT ABUTMENTS WITH DEPENDENT BACKWALLS.
USE CONCRETE INSERTS AT MIDSPAN, PIERS AND INDEPENDENT BACKWALL BRIDGES ON THE INTERIOR OF FASCIA BEAMS. OTHER BEAMS MAY USE INSERTS OR CONTINUOUS HOLES.

