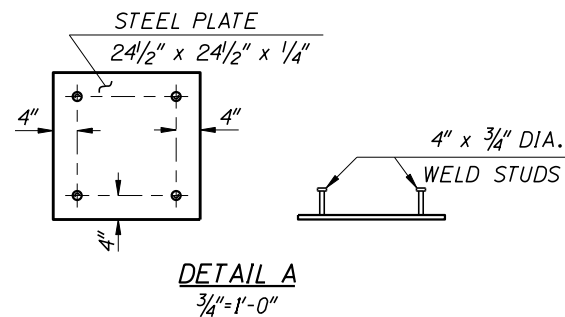
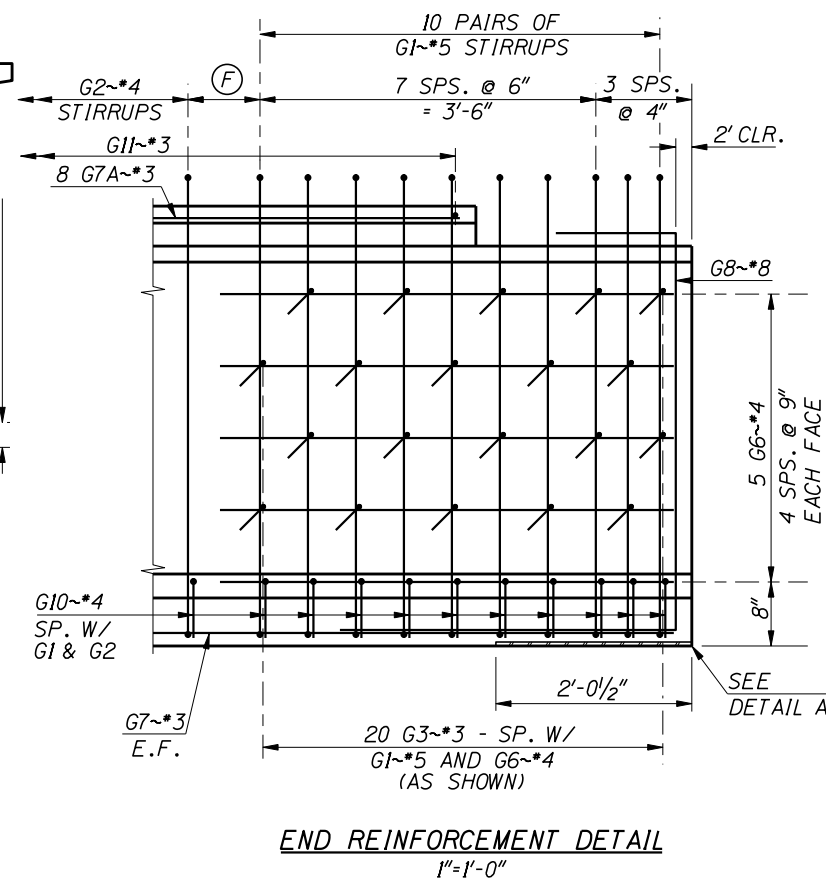


[illegible]

The image contains two technical drawings of a prestressed concrete T-beam, labeled 'SECTION AT $\perp$ BEARING' and 'SECTION AT $\perp$ SPAN'.

SECTION AT $\perp$ BEARING: This drawing shows the cross-section of the beam at a bearing point. The total width of the top flange is 8'-7 1/2" (typical). The flange thickness is 4" (typical). The web width is 11". The distance from the top of the flange to the center of the first row of reinforcement (G1~*5) is 4" (typical). The reinforcement consists of 5 G6~*4 bars in the top flange, 4 G8~*8 bars in the web, and 3 G7~*3 bars in the bottom. The spacing between the reinforcement is 4 SPS. @ 9". The distance from the bottom of the beam to the center of the reinforcement is 11". The bottom of the beam has a 3/4" chamfer (typical). The section is labeled 'SECTION AT $\perp$ BEARING' and '1"=1'-0"'. The centroid of the prestressing strands is indicated by a circle with a cross, labeled 'CENTROID OF PRESTR. STRANDS SEE DETAIL B'.

SECTION AT $\perp$ SPAN: This drawing shows the cross-section of the beam at a span point. The total width of the top flange is 4'-0". The flange thickness is 2 1/8". The web width is 11". The distance from the top of the flange to the center of the first row of reinforcement (G2~*4) is 1" CLEAR. The reinforcement consists of 4 G2~*4 bars in the top flange, 4 G10~*4 bars in the web, and 3 G7~*3 bars in the bottom. The spacing between the reinforcement is 4 SPS. @ 9". The distance from the bottom of the beam to the center of the reinforcement is 11". The bottom of the beam has a 3/4" chamfer (typical). The section is labeled 'SECTION AT $\perp$ SPAN' and '1"=1'-0"'. The centroid of the prestressing strands is indicated by a circle with a cross, labeled 'CENTROID OF PRESTR. STRANDS SEE DETAIL B'.



REINFORCEMENT DIAGRAM			
MARK	SIZE	GRADE	SKETCH
* G1	*5	60	
* G2	*4	60	
* G3	*3	60	
G4	*5	60	
G4A	*5	60	
G5	*6	60	
G5A	*6	60	
G6	*4	60	
G7	*3	60	
G7A	*3	60	
G8	*8	60	
G9	*4	60	
G9A	*4	60	
* G10	*4	60	
G11	*3	60	

ALL DIMENSIONS TO STIRRUPS AND DOWEL BARS
ARE GIVEN AT $\frac{1}{2}$ OF GIRDER.

SEE PRESTRESSED BULB TEE GIRDER DETAILS
SHEET FOR NOTES, DIAPHRAGM DOWEL DETAILS,
END DETAILS AND DEFLECTION DATA.

ALL BEND DETAILS TO BE ACCORDING TO
LATEST ACI STANDARD PRACTICE.

* STIRRUP AND TIE HOOK BEND DIMENSIONS.
STIRRUPS AND TIES SHALL HAVE A MINIMUM 1"
COVER OUTSIDE OF BARS.

GIRDER WEIGHT _____ 712 LBS. PER FOOT

R E V I S I O N S			
NO.	DATE	BY	DESCRIPTION
△			
△			
△			
△			
△			

DESIGNED
DESIGN CHECKED
DETAILED
DWG. CHECKED
CORRECTIONS

SCALES SHOWN ARE FOR 34" X 22" PRINTS ONLY
CADD FILE NO. \\prj00000\bridge\ b05_3j.dgn
DRAWING DATE: MAY 2007

ORIGINAL
SIGNED BY: _____

DATE SIGNED: DATE

DATE STORED AT ITO BRIDGE SECTION

IDAHO
TRANSPORTATION
DEPARTMENT



English

PROJECT NO.

55" BULB TEE PRESTRESSED GIRDER

BRIDGE PLANS

BRIDGE LRFD MANUAL,
PAGE B5.3J

COUNTY	KEY NO.
BRIDGE DRAWING NO.	SHEET OF