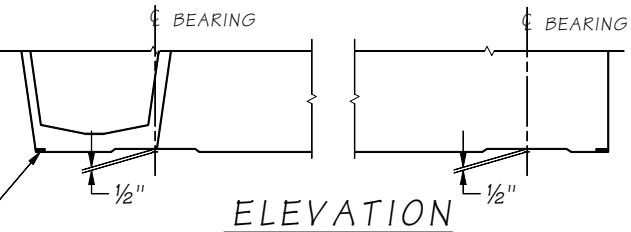
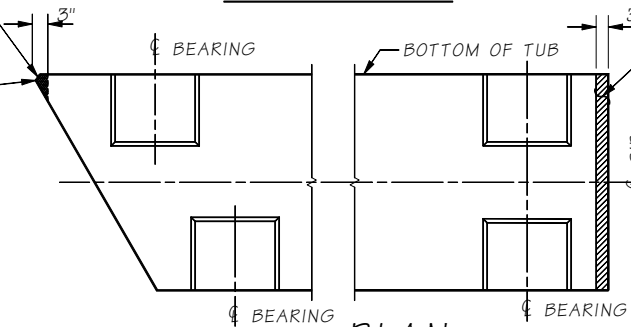


END 1

END 2



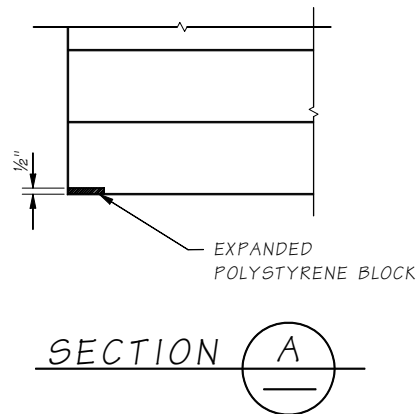
ELEVATION



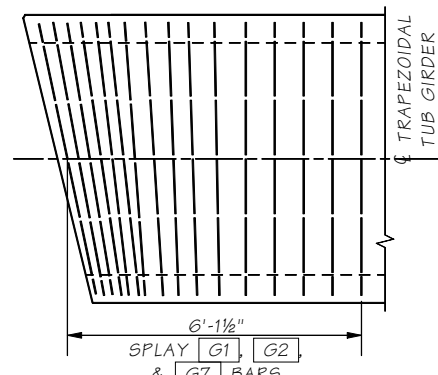
PLAN

**BOTTOM OF TUB SPALL PROTECTION**

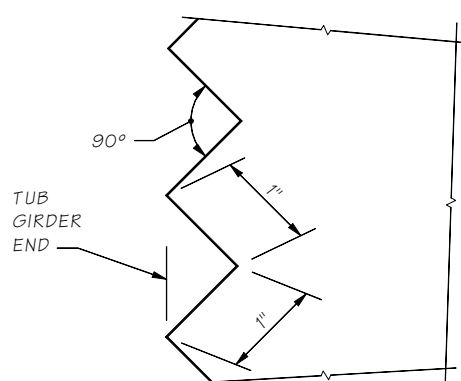
END TYPE "C" INTERMEDIATE HINGE DIAPHRAGM AND END TYPE "D" INTERMEDIATE FIXED DIAPHRAGM



SECTION A

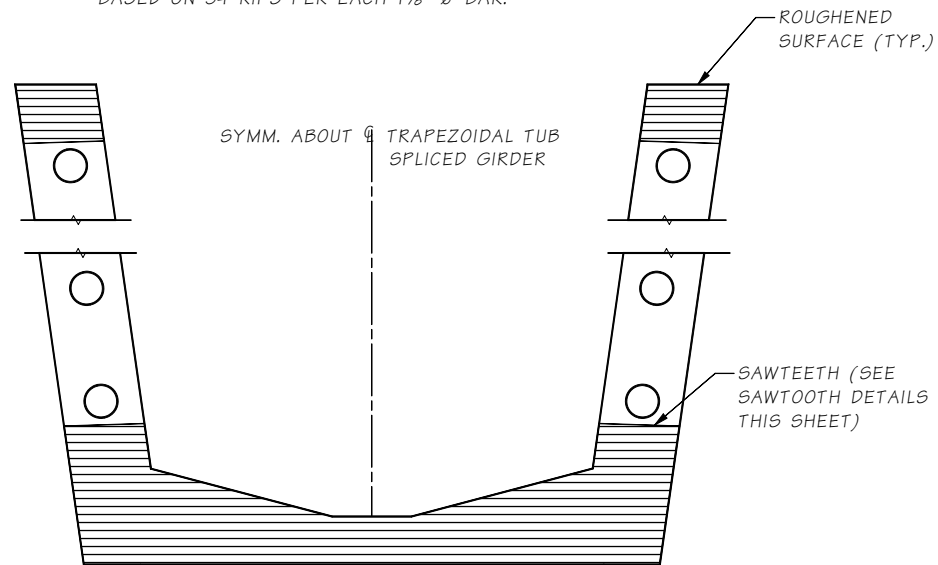


TRANSVERSE REINFORCING AT SKEWED ENDS ONLY TRANSVERSE REINF. SHOWN



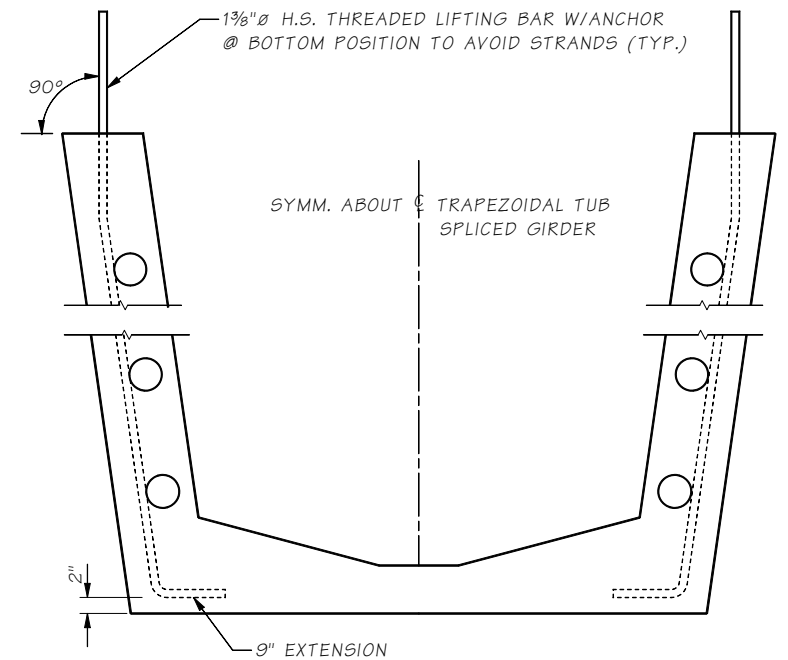
SAWTOOTH DETAILS SAWTEETH ARE FULL WIDTH - USE SAWTEETH FULL HEIGHT ON END SECTIONS.

\*\*\*THE NUMBER OF LIFTING BARS SHALL BE BASED ON 54 KIPS PER EACH 1 3/8" Ø BAR.



TYPICAL END ELEVATION

EXTENDED STRANDS NOT SHOWN. USE SAWTOOTH KEYS FROM BOTTOM OF BOTTOM FLANGE TO BOTTOM OF LOWEST HARPED STRANDS.



P.C. SECTION

BENDING DIAGRAM

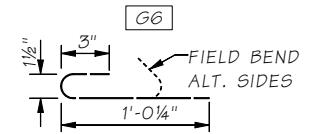
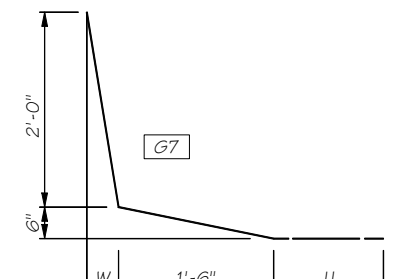
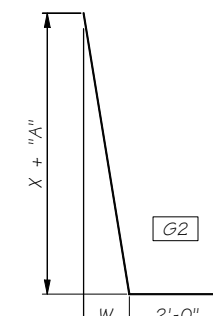
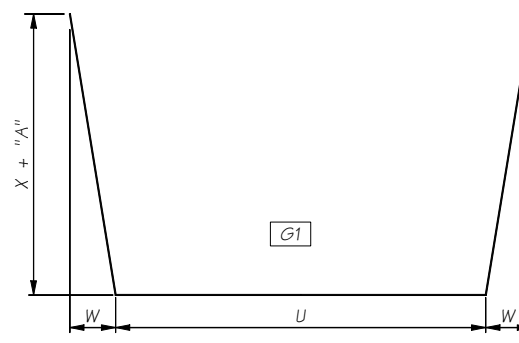
MARK	LOCATION	SIZE	U	W	X
G1	STIRRUPS, OUTSIDE WEB	5			
G2	STIRRUPS, INSIDE WEB	5			
G3	LONGITUDINAL BOTTOM FLANGE	4			STR.
G4	TOP WEB LONGIT.	6			STR.
G5	LONGITUDINAL WEB	5			STR.
G6	WEB TIE	W12			
G7	WEB	4			

ALL DIMENSIONS ARE OUT TO OUT

\* = VARIES FOR SKEWED SPANS

NOTE: FOR DIMENSION "A", SEE "GIRDER SCHEDULE"

# 4 MAY BE SUBSTITUTED FOR W12. FIELD BENDING IS OPTIONAL



5.9-A4-4

JOB NO. SR SHEET 2

Bridge Design Engr.	M:\STANDARDS\Girders\PT Trapezoidal Tubs\PT_TRAPEZOIDAL TUB 3.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APP'D		

Fri Mar 06 10:15:56 2015

BRIDGE AND STRUCTURES OFFICE



STANDARD PRESTRESSED CONCRETE GIRDERS

TUB SPLICED GIRDER DETAILS 3 OF 5

BRIDGE SHEET NO. SHEET OF SHEETS