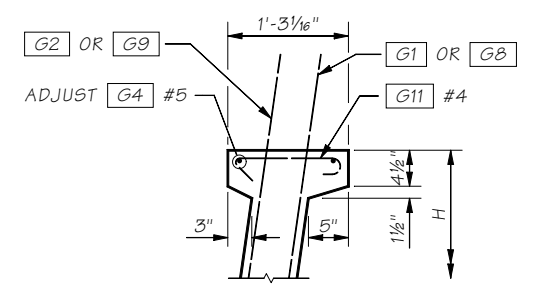
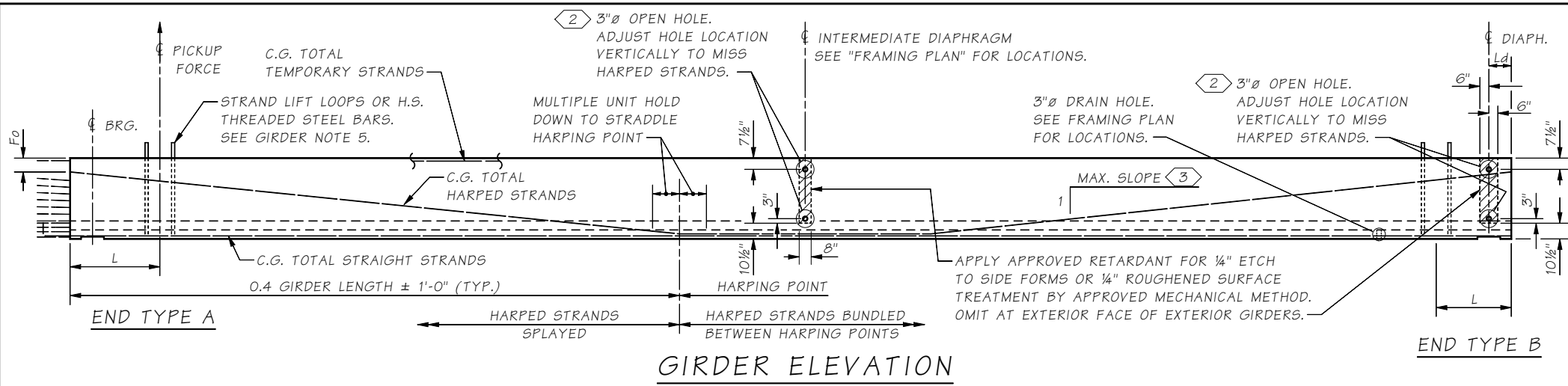


Last revised on : 09/25/2020

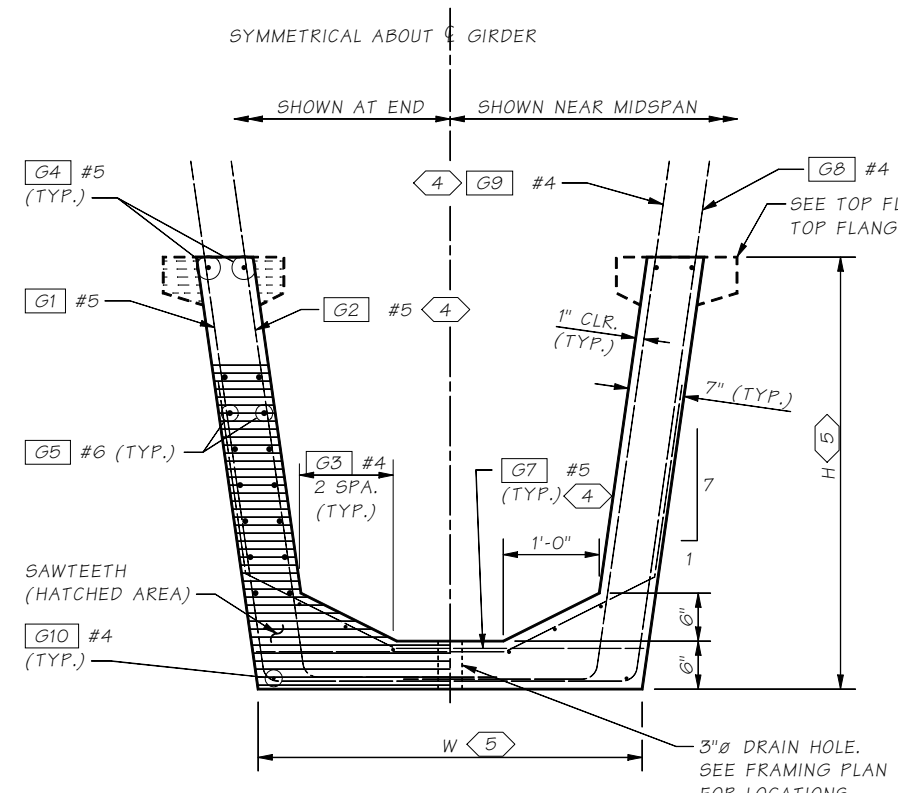
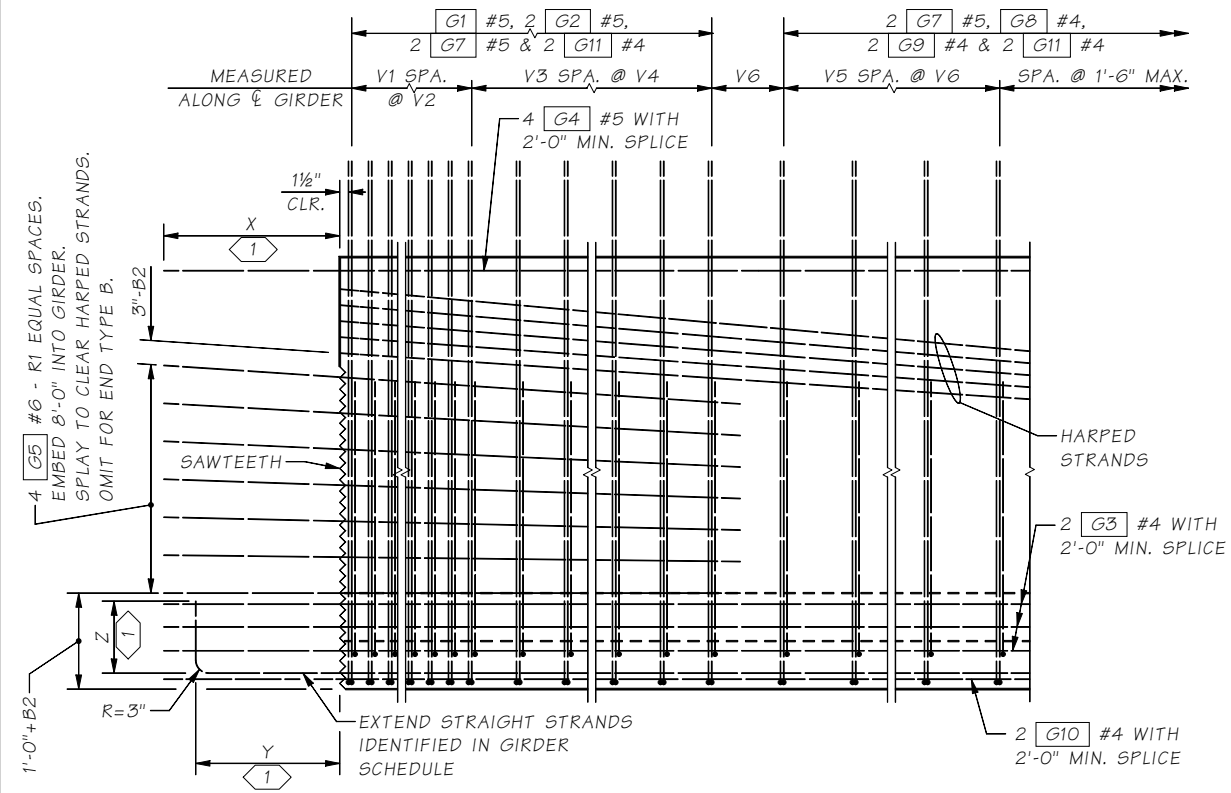


GIRDER SERIES TABLE

GIRDER SERIES	H GIRDER HEIGHT	W GIRDER SOFFIT WIDTH	TOP FLANGE	R1 EQUAL SPACES FOR [G5]
U54G4	4'-6"	4'-0"	NO	6
U54G5	4'-6"	5'-0"	NO	6
U66G4	5'-6"	4'-0"	NO	8
U66G5	5'-6"	5'-0"	NO	8
U78G4	6'-6"	4'-0"	NO	10
U78G5	6'-6"	5'-0"	NO	10
UF60G4	5'-0"	4'-0"	YES	7
UF60G5	5'-0"	5'-0"	YES	7
UF72G4	6'-0"	4'-0"	YES	9
UF72G5	6'-0"	5'-0"	YES	9
UF84G4	7'-0"	4'-0"	YES	11
UF84G5	7'-0"	5'-0"	YES	11

END TYPE PROPERTIES						
END TYPE	BEARING RECESS	X	Y	Z	SAWTEETH	NOTES
A	YES	1'-10"	1'-6"	9"	YES	<6>
B	YES	0"	0"	0"	NO	
C	NO	1'-10"	1'-6"	9"	YES	
D	NO	1'-10"	-	-	YES	<7>

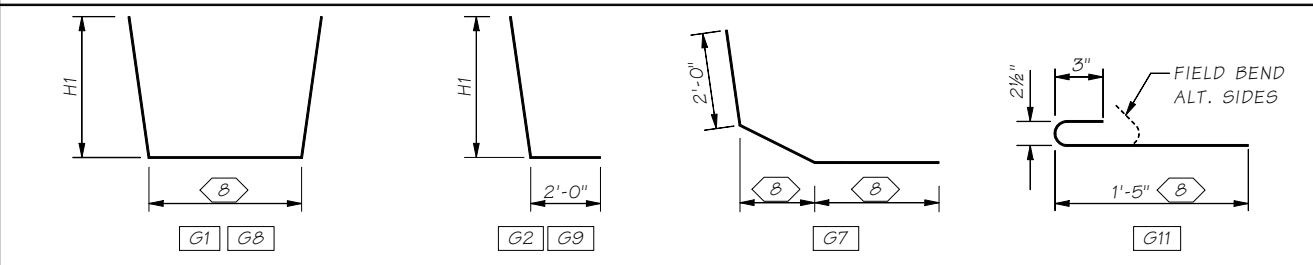
BAR END PLACEMENT FOR END TYPE C	
ENDS AHEAD ON STATION	ENDS BACK ON STATION
B2 = 0" FOR [G5]	B2 = 2" FOR [G5]



NOTES:

- <1> SEE "END TYPE PROPERTIES" ON THIS SHEET.
- <2> FOR DIAPHRAGMS, OMIT HOLES AND PLACE INSERTS ON THE INTERIOR FACE OF THE EXTERIOR WEB OF EXTERIOR GIRDERS. PLACE HOLES AND INSERTS PARALLEL TO SKEW. INSERTS SHALL BE 1"Ø MEADOWBURKE MX-3 HI-TENSILE, 1"Ø MEADOWBURKE FX-19 FERRULE INSERT, 1"Ø x 5 1/2" WILLIAMS F22 OPEN FERRULE INSERT, 1"Ø x 4 9/16" DAYTON-SUPERIOR F-62 FLARED THIN SLAB FERRULE INSERT OR APPROVED EQUAL.
- <3> 8 : 1 MAXIMUM SLOPE FOR EACH HARPED STRAND.
- <4> ADJUST BAR POSITION THROUGH STRANDS.
- <5> SEE "GIRDER SERIES TABLE" ON THIS SHEET.
- <6> X DIMENSION SHALL BE 1'-4" FOR [G4] AT END TYPE A ONLY.
- <7> SEE "STRAND EXTENSION DETAIL" ON SHEET 2 FOR Y AND Z DIMENSIONS.
- <8> VARIES FOR GIRDER WIDTH AND SKEWED ENDS.

BENDING DIAGRAM (ALL DIMENSIONS ARE OUT TO OUT)



SR FILE NO. 5.6-A9-2

Bridge Design Engr.	M:\STANDARDS\Girders\Trapezoidal Tubs\TUB GIRDER DETAILS 1 OF 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	APPD		

Fri Sep 25 08:57:59 2020

BRIDGE AND STRUCTURES OFFICE



STANDARD PRESTRESSED CONCRETE GIRDERS

TUB GIRDER DETAILS 1 OF 3

BRIDGE SHEET NO.
SHEET
OF
SHEETS