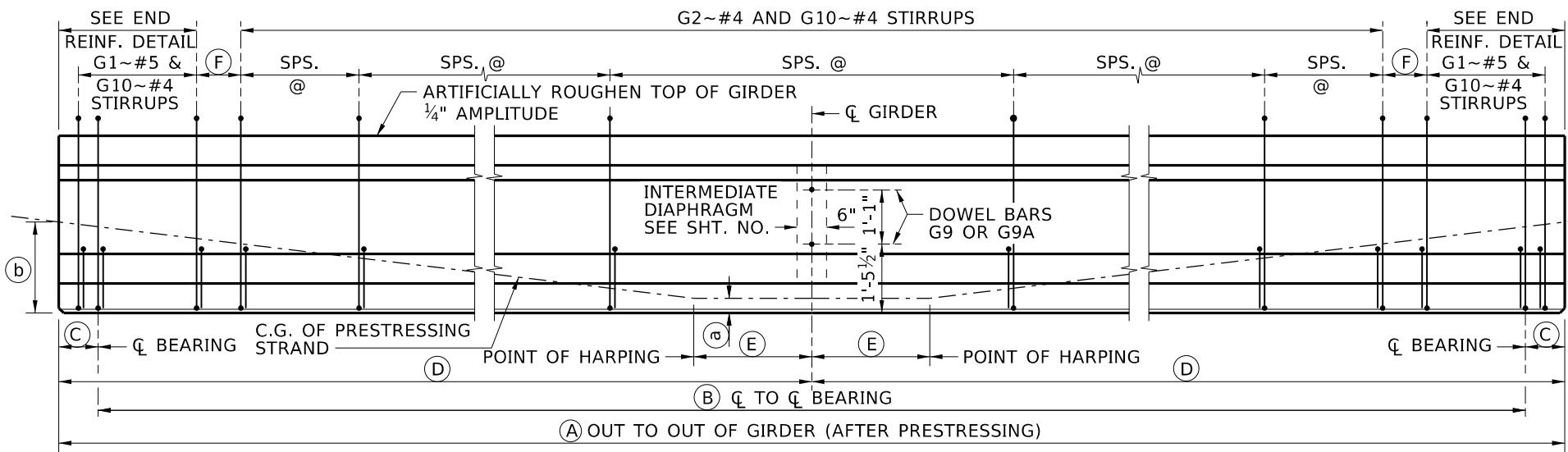


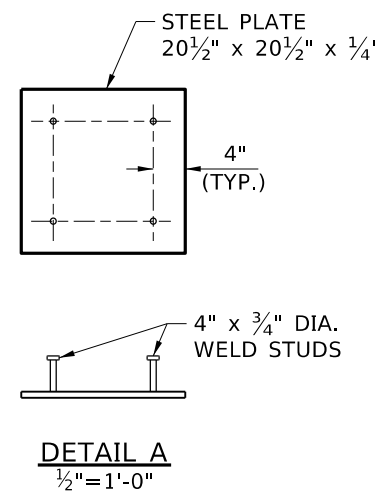
PRESTRESSED GIRDER SCHEDULE

GIRDERS		PRESTRESS FORCE ~ KIPS		PRESTRESS LOSSES ~ KSI		CONCRETE STRENGTH ~ KSI		GIRDER DIMENSIONS						END DETAIL		C.G. OF STRAND			
NO.	LOCATION	INITIAL BEFORE LOSSES	FINAL AFTER LOSSES	IMMEDIATE LOSSES	FINAL TOTAL LOSSES	AT RELEASE f'ci	AT 28 DAYS f'c	(A)	(B)	(C)		(D)		(E)	(F)	LEFT	RIGHT	(b) GIRDER END	(a) MID SPAN
										LEFT	RIGHT	LEFT	RIGHT						

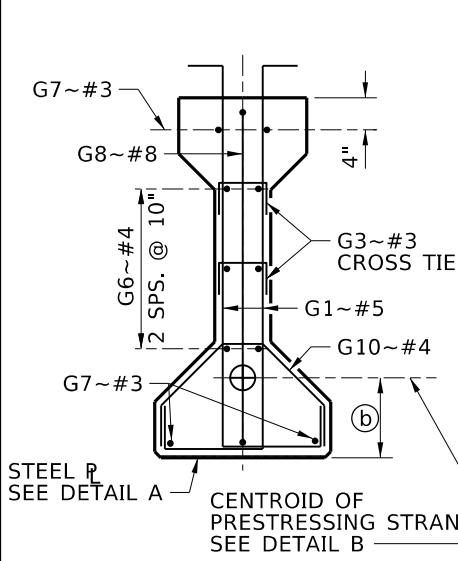
REINFORCEMENT DIAGRAM				
MARK	SIZE	GRADE	SKETCH	
G1*	#5	60	4'-0"	
G2*	#4	60	1'-10 1/2" x 5 1/2"	
G3*	#3	60	5"	
G4	#5	60	[Sketch]	
G4A	#5	60	[Sketch]	
G5	#6	60	[Sketch]	
G5A	#6	60	[Sketch]	
G6	#4	60	[Sketch]	
G7	#3	60	(A) - 4"	
G8	#8	60	3'-6" x 3'-6" x 1'-3"	
G9	#4	60	4'-0"	
G9A	#4	60	2'-0"	
G10*	#4	60	5 1/2" x 10" x 45°	



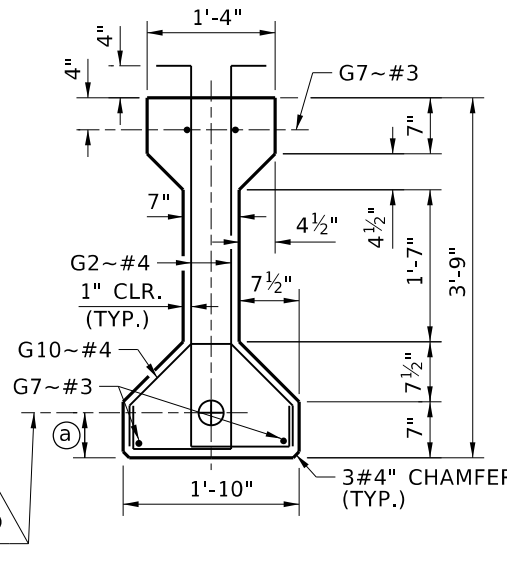
GIRDER ELEVATION AND STIRRUP LAYOUT
3/8" = 1'-0"



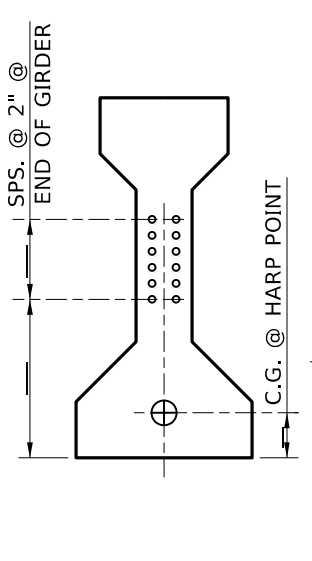
DETAIL A
1/2" = 1'-0"



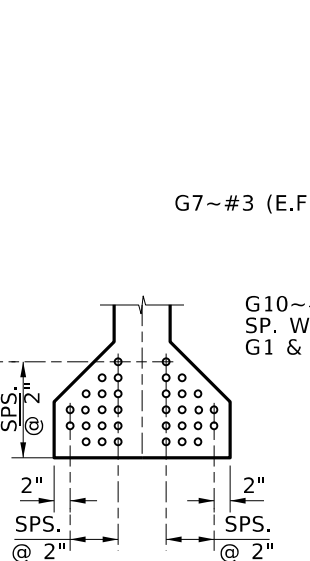
SECTION AT END OF GIRDER
1/2" = 1'-0"



SECTION AT Q SPAN
1/2" = 1'-0"

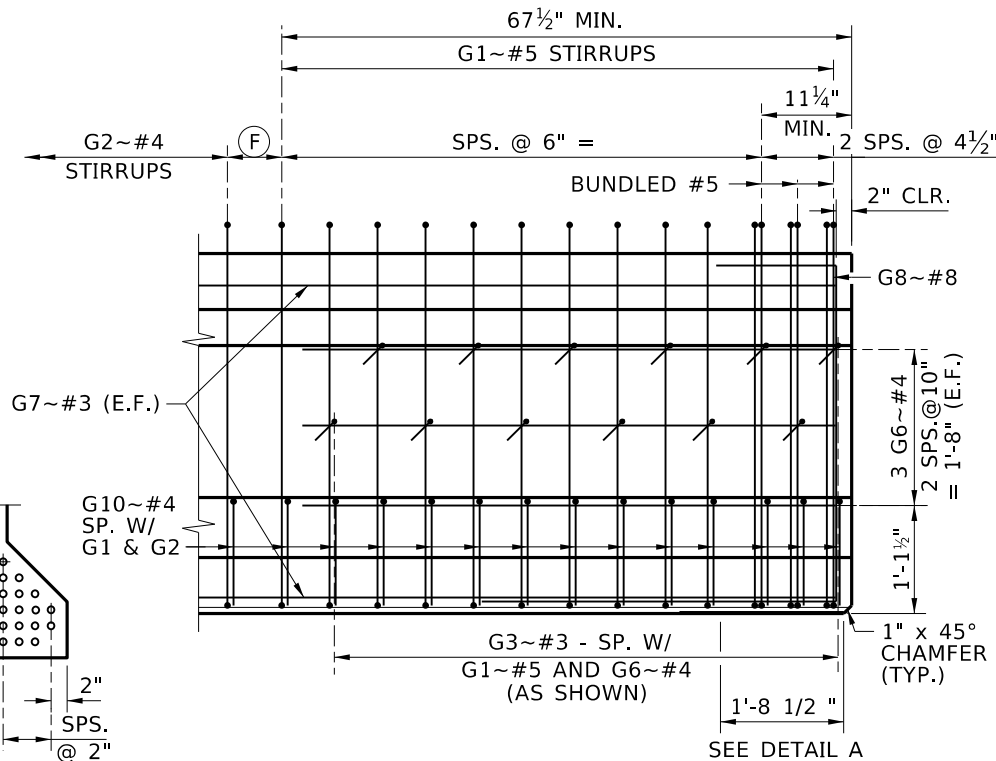


HARP STRAND



STRAIGHT STRAND

DETAIL B
1/2" = 1'-0"



END REINFORCEMENT DETAIL
1/2" = 1'-0"

NOTES

1. DIMENSIONS TO STIRRUPS AND DOWEL BARS ARE GIVEN AT Q OF GIRDER.
2. SEE PRESTRESSED GIRDER GENERAL DETAILS AND PRESTRESSED AASHTO GIRDER DETAILS SHEETS FOR NOTES, DIAPHRAGM DOWEL DETAILS, END DETAILS AND DEFLECTION DATA.
3. BEND DETAILS IN ACCORDANCE WITH LATEST ACI STANDARD PRACTICE.

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

GIRDER WEIGHT..... 583 LB/FT

REVISIONS		
NO.	DATE	DESCRIPTION

DESIGNED	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME Standards/Bridge Standard Drawings B05_2B.DGN DRAWING DATE: OCT 2023
DESIGN CHECKED	
DETAILED	
DWG. CHECKED	
CORRECTIONS	

IDAHO TRANSPORTATION DEPARTMENT

YOUR Safety → YOUR Mobility → YOUR Economic Opportunity

APPROVED BY: BRIDGE ENGINEER **MICHAEL T. JOHNSON** DATE: _____

ENGLISH
PROJECT NO.

AASHTO TYPE III PRESTRESSED GIRDER

BRIDGE LRFD DESIGN MANUAL, B5.2B

BRIDGE PLANS	
BRIDGE KEY NO.	
COUNTY	KEY NO.
BRIDGE DWG. NO.	SHEET OF