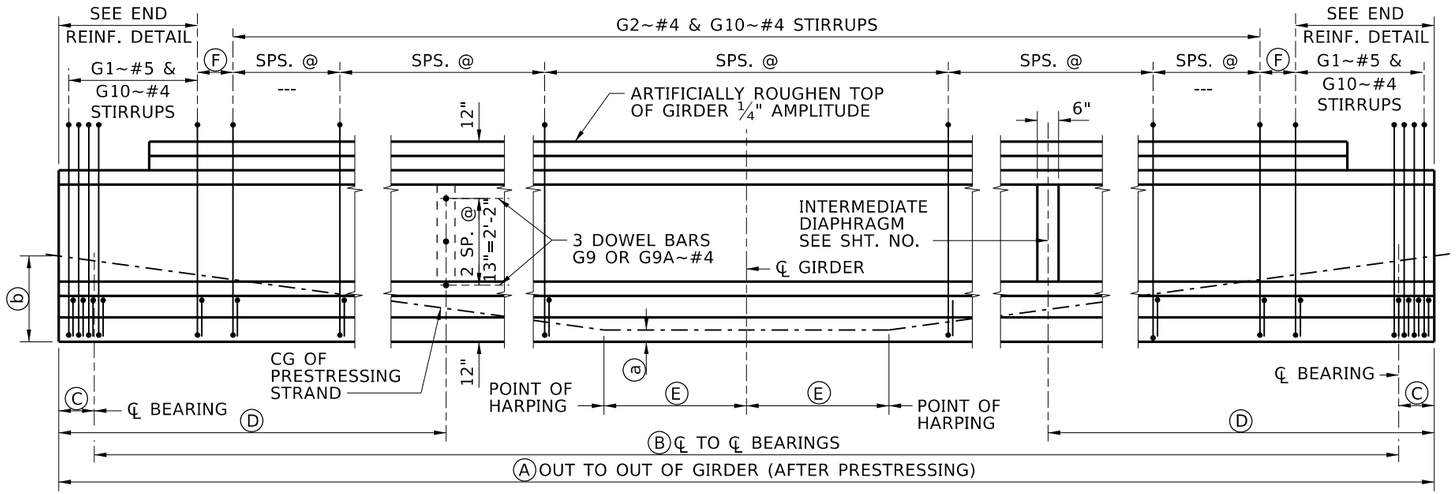
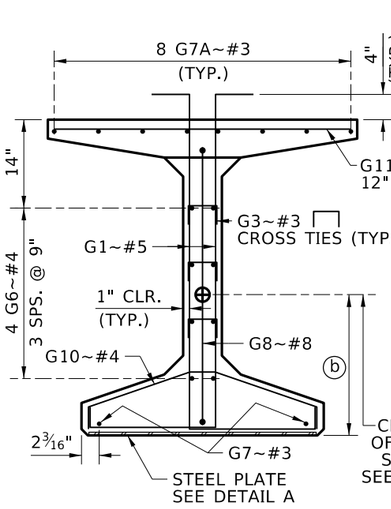
PRESTRESSED GIRDER SCHEDULE

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) LEFT	(C) RIGHT	(D) LEFT	(D) RIGHT	(E)	(F)	LEFT	RIGHT	(b) GIRDER END	(a) MID SPAN



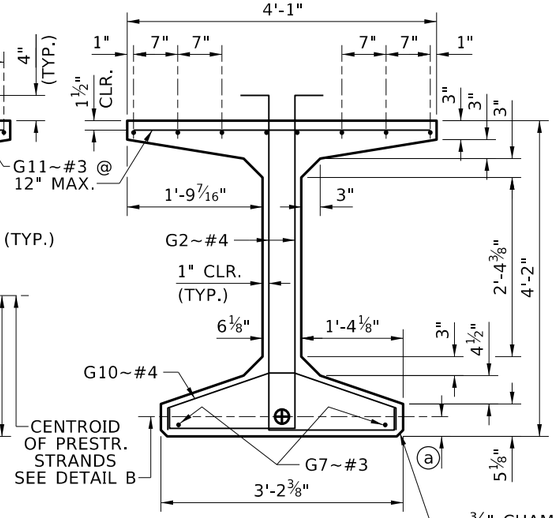
GIRDER ELEVATION AND STIRRUP LAYOUT

NTS



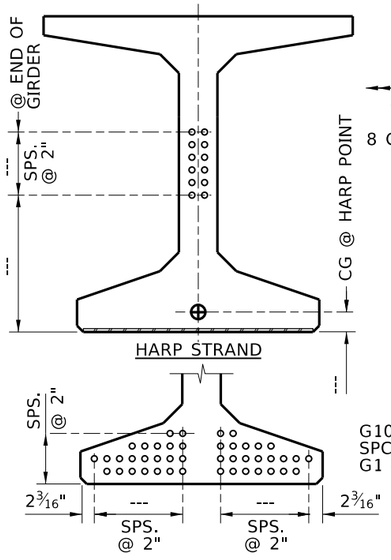
SECTION AT END OF GIRDER

½"=1'-0"



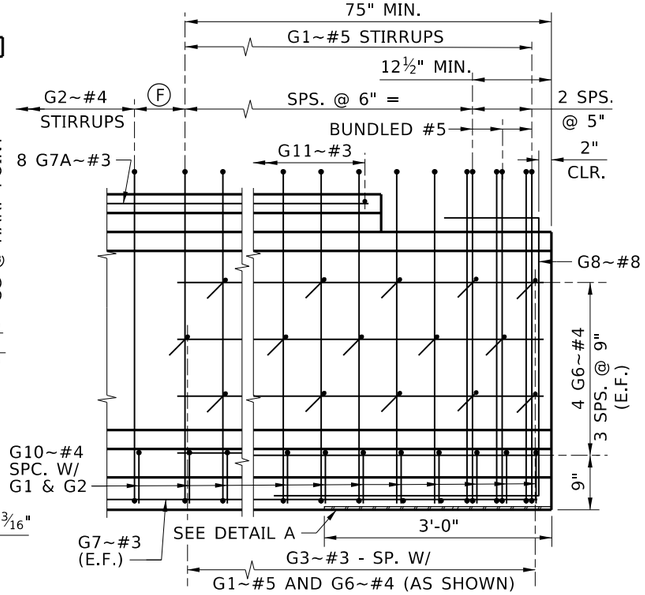
SECTION AT ℄ SPAN

½"=1'-0"



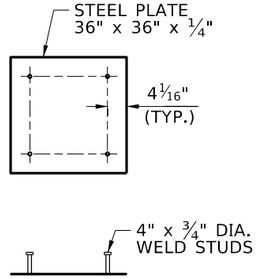
DETAIL B

½"=1'-0"



END REINFORCEMENT DETAIL

½"=1'-0"



DETAIL A

⅜"=1'-0"

REINFORCEMENT DIAGRAM

MARK	SIZE	GRADE	SKETCH
G1*	#5	60	4'-5", 1'-8¼", 3½"
G2*	#4	60	
G3*	#3	60	4⅛"
G4	#5	60	
G4A	#5	60	
G5	#6	60	---
G5A	#6	60	---
G6	#4	60	---
G7	#3	60	(A) - 4"
G7A	#3	60	(A) - 2 (BLOCKOUT + 2")
G8	#8	60	3'-8", 3'-6", 1'-3"
G9	#4	60	4'-0"
G9A	#4	60	2'-0"
G10*	#4	60	3½", 17", 4", 4½", 13⅛"
G11	#3	60	3'-11"

NOTES

1. DIMENSIONS TO STIRRUPS AND DOWEL BARS ARE GIVEN AT ℄ OF GIRDER.
2. SEE PRESTRESSED GIRDERS GENERAL DETAILS AND PRESTRESSED WF 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.....809 LB/FT

REVISIONS			
NO.	DATE	BY	DESCRIPTION
△			
△			
△			
△			

DESIGNED

DESIGN CHECKED

DETAILED

DWG. CHECKED

CORRECTIONS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME Standards/Bridge Standard Drawings/B05_3J.DGN

DRAWING DATE: OCT 2023

IDAHO TRANSPORTATION DEPARTMENT

YOUR Safety→YOUR Mobility→YOUR Economic Opportunity

APPROVED BY: BRIDGE ENGINEER MICHAEL T. JOHNSON DATE:

ENGLISH

PROJECT NO.

WF50G PRESTRESSED GIRDER

BRIDGE LRFD DESIGN MANUAL, B5.3J

BRIDGE PLANS

BRIDGE KEY NO.

COUNTY | KEY NO.

BRIDGE DWG. NO. | SHEET OF