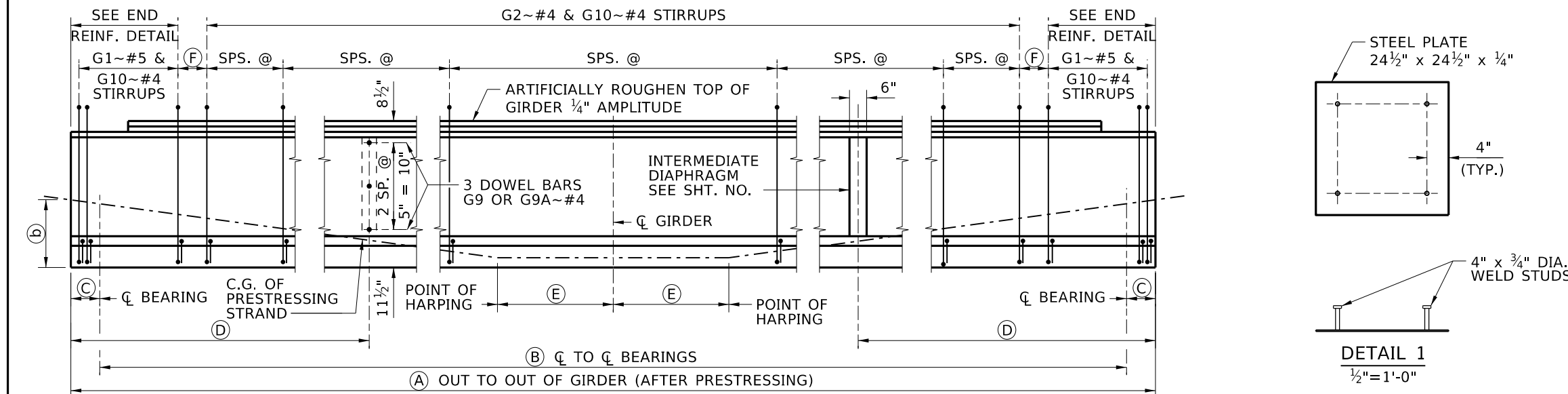


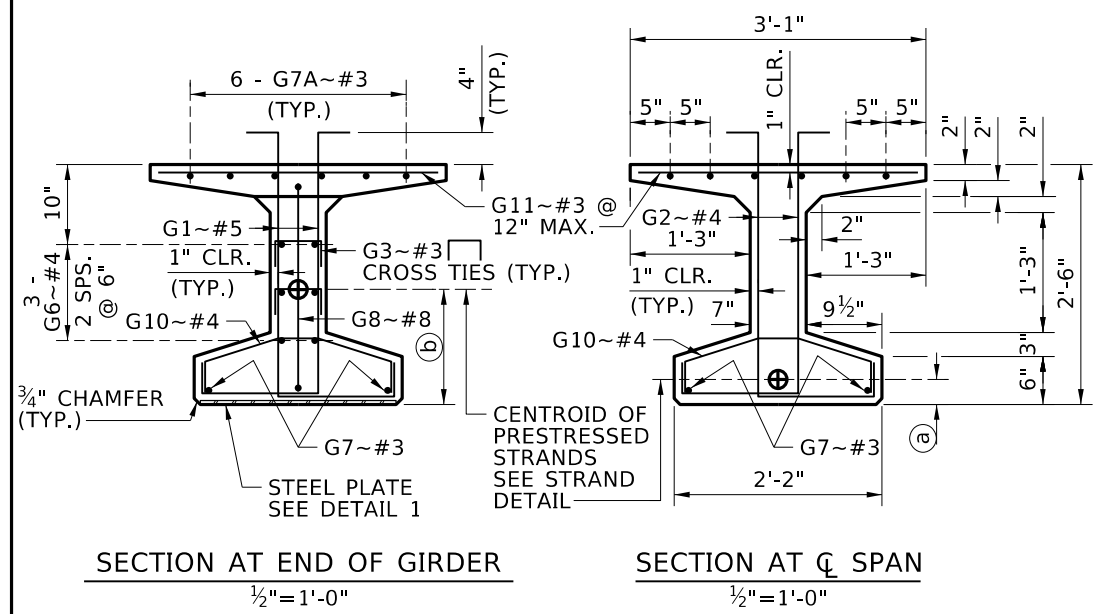
PRESTRESSED GIRDER SCHEDULE

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						

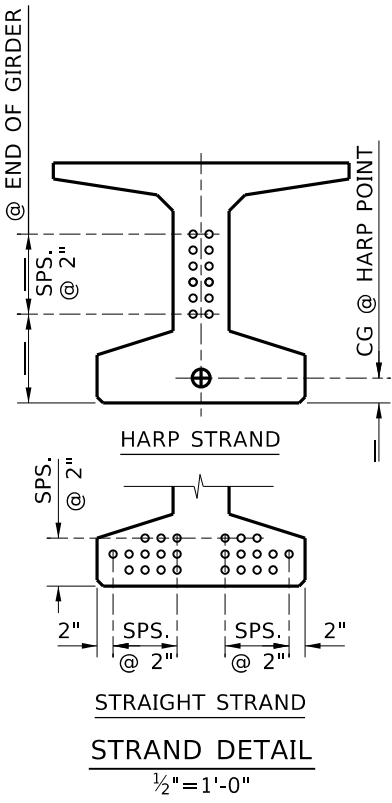
REINFORCEMENT DIAGRAM			
AASHTO M31 GRADE 60 TYPE S			
MARK	SIZE	GRADE	SKETCH
G1*	#5	60	
G2*	#4	60	
G3*	#3	60	
G4	#5	60	
G4A	#5	60	
G5	#6	60	
G5A	#6	60	
G6	#4	60	
G7	#3	60	
G7A	#3	60	
G8	#8	60	
G9	#4	60	
G9A	#4	60	
G10*	#4	60	
G11	#3	60	



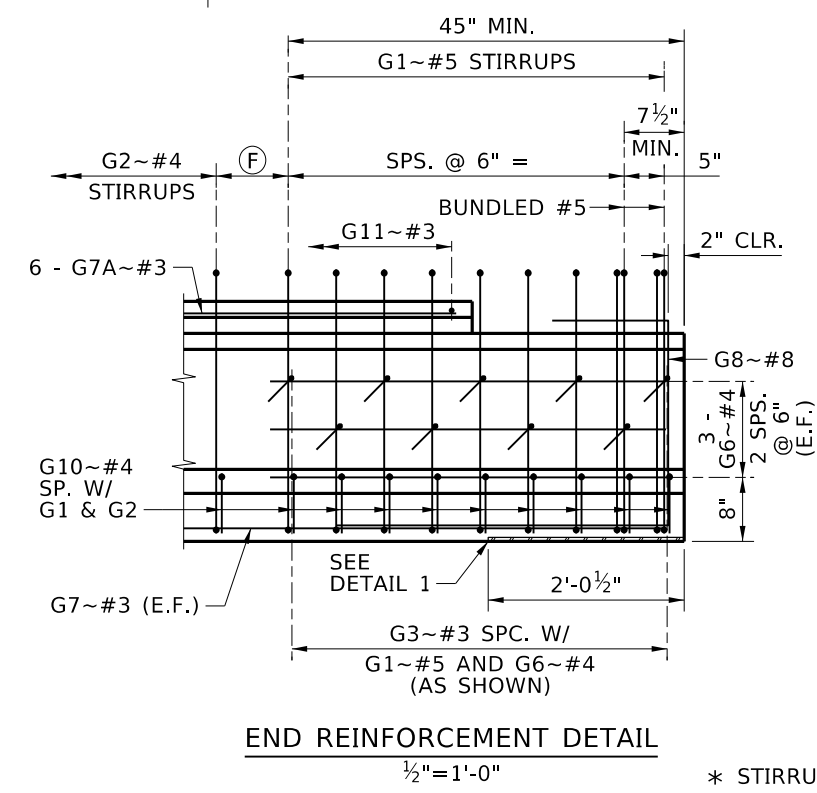
GIRDER ELEVATION AND STIRRUP LAYOUT
1/2" = 1'-0"



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



STRAIGHT STRAND 1/2" = 1'-0"
STRAND DETAIL 1/2" = 1'-0"



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

- NOTES
1. DIMENSIONS TO STIRRUPS AND DOWEL BARS ARE GIVEN AT CL OF GIRDER.
 2. SEE PRESTRESSED GIRDER GENERAL DETAILS AND PRESTRESSED BULB TEE 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 469 LB/FT

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	CADD FILE NAME
DETAILED	Standards/Bridge Standard Drawings
DWG. CHECKED	805_3A.dgn
CORRECTIONS	DRAWING DATE: DEC 2024

IDAHO TRANSPORTATION DEPARTMENT

YOUR Safety → YOUR Mobility → YOUR Economic Opportunity

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

ENGLISH
PROJECT NO.

30" BULB TEE PRESTRESSED GIRDER

BRIDGE LRFD DESIGN MANUAL B5.3A

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