

**PRESTRESSED SLAB SCHEDULE**

SLAB NO.	LOCATION	PRESTRESS FORCE ~ KIPS		PRESTRESS LOSSES ~ KSI		CONCRETE STRENGTH ~ KSI		SLAB DIMENSIONS				C.G. OF STRAND (b)										
		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								

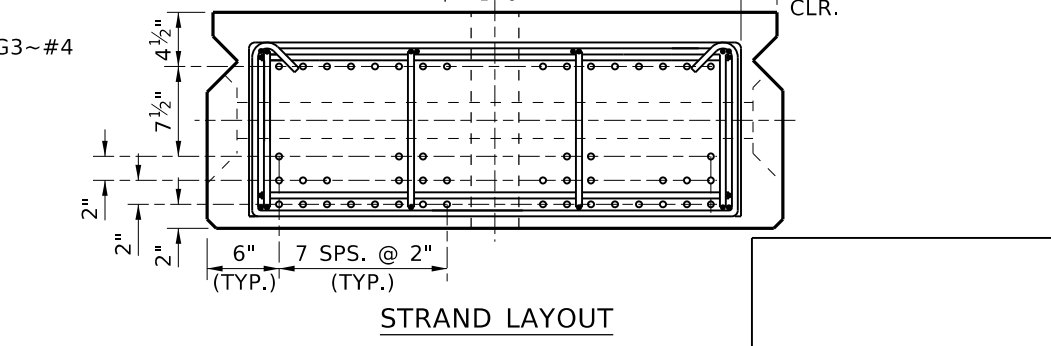
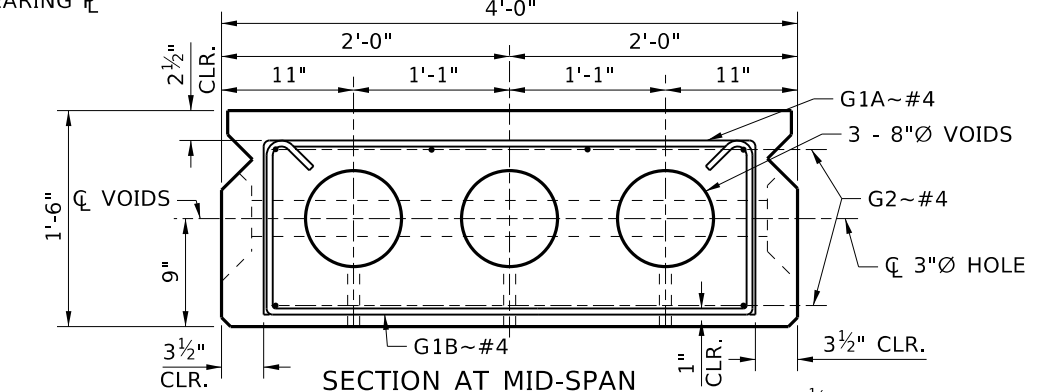
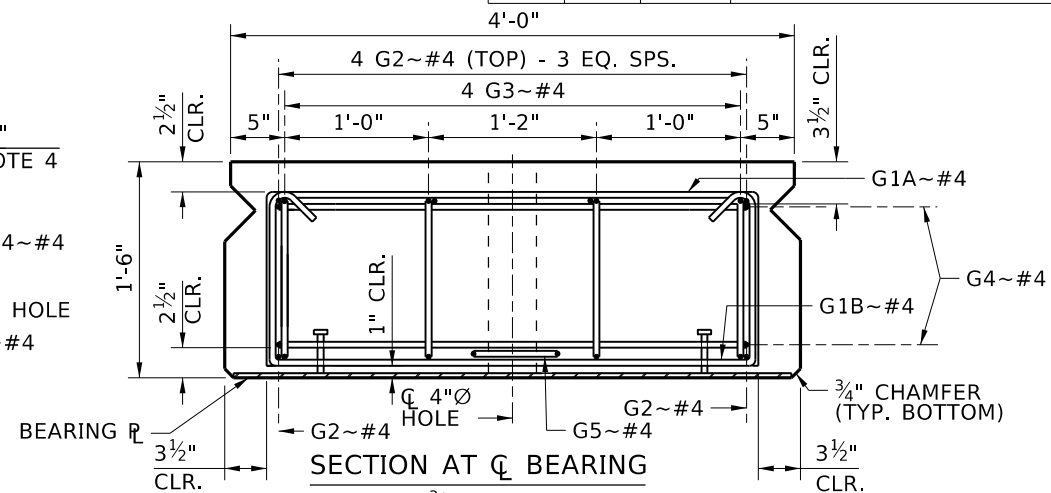
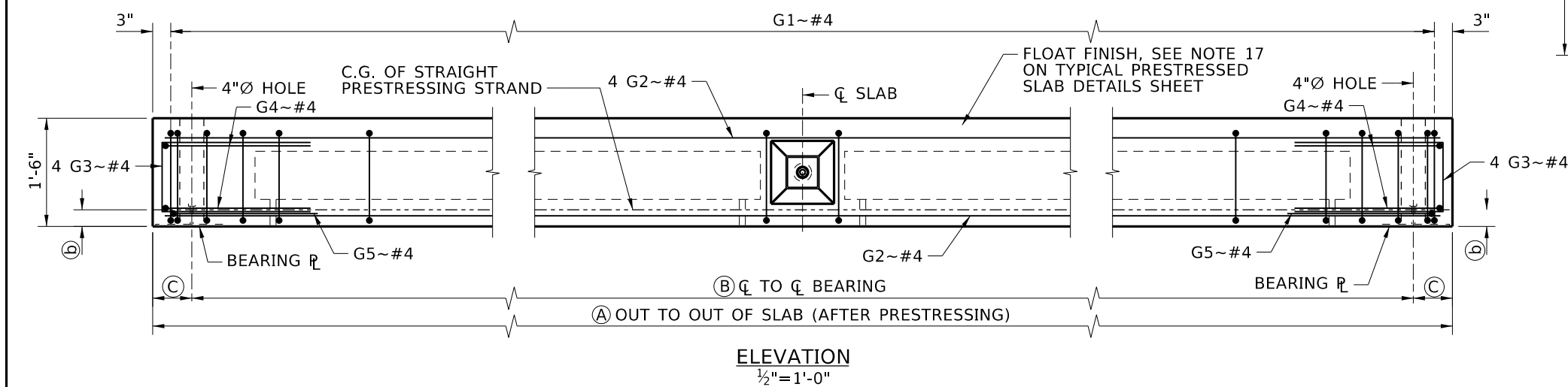
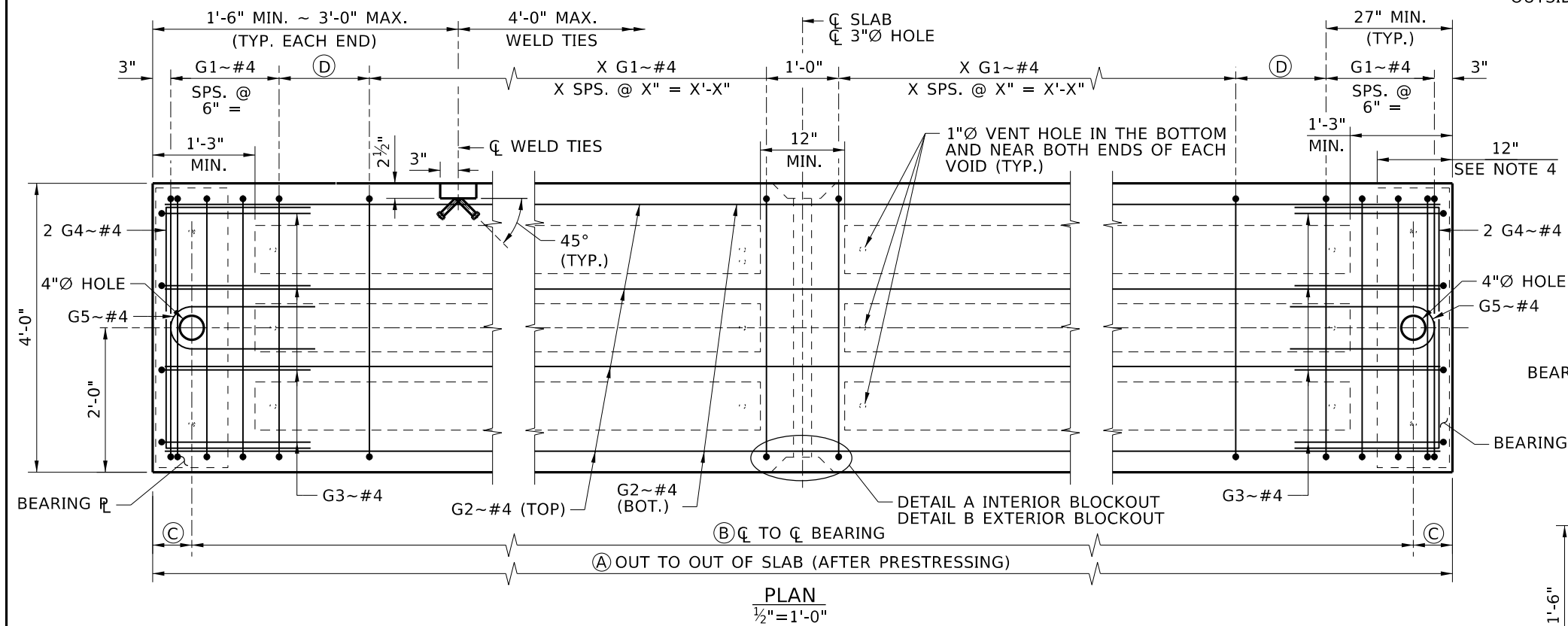
\* STIRRUP AND TIE HOOK BEND DIMENSIONS.  
 APPROXIMATE SLAB SHIPPING WEIGHT IS 728 LB/FT.  
 STIRRUPS AND TIES MUST HAVE A MINIMUM 1" COVER OUTSIDE OF BARS.

**NOTES**

- DIMENSIONS TO STIRRUPS AND DOWELS ARE GIVEN AT C OF SLAB
- FOR NOTES, BLOCKOUT, BEARING PLATE AND MISCELLANEOUS DETAILS, SEE PRESTRESSED SLAB DETAILS, SHEET NO. \_\_\_\_.
- BEND DETAILS IN ACCORDANCE WITH LATEST ACI STANDARD PRACTICE.
- REINFORCEMENT IN ACCORDANCE WITH AASHTO ARTICLE 5.9.4.4.1.
- FOR TIE ROD LAYOUT, SEE FRAMING PLAN, SHEET NO. \_\_\_\_.
- KEYWAY IS TYPICAL EACH SIDE OF SLAB EXCEPT EXTERIOR SIDE OF EXTERIOR SLABS. OMIT KEYWAY ON OUTSIDE OF EXTERIOR SLABS ONLY.(E)

**REINFORCEMENT DIAGRAM**

MARK	SIZE	GRADE	SKETCH
G1A*	#4(E)	60	
G1B*	#4(E)	60	
G2	#4(E)	60	
G3*	#4(E)	60	
G4*	#4(E)	60	
G5	#4(E)	60	



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\_5D.DGN.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. \_\_\_\_\_

**1'-6" PRESTRESSED VOIDED SLAB**  
 OFF SYSTEM AND LOCAL ROADS  
 BRIDGE LRFD DESIGN MANUAL, B5.5D

<b>BRIDGE PLANS</b>	
BRIDGE KEY NO. _____	
COUNTY _____	KEY NO. _____
BRIDGE DWG. NO. _____	SHEET _____ OF _____