

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								

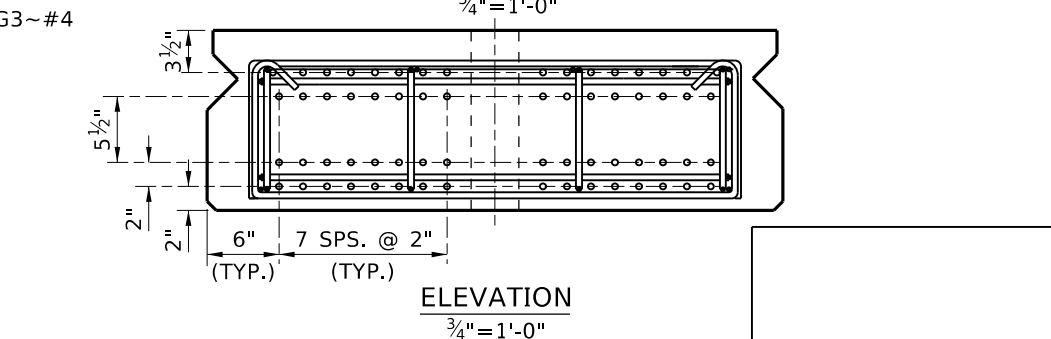
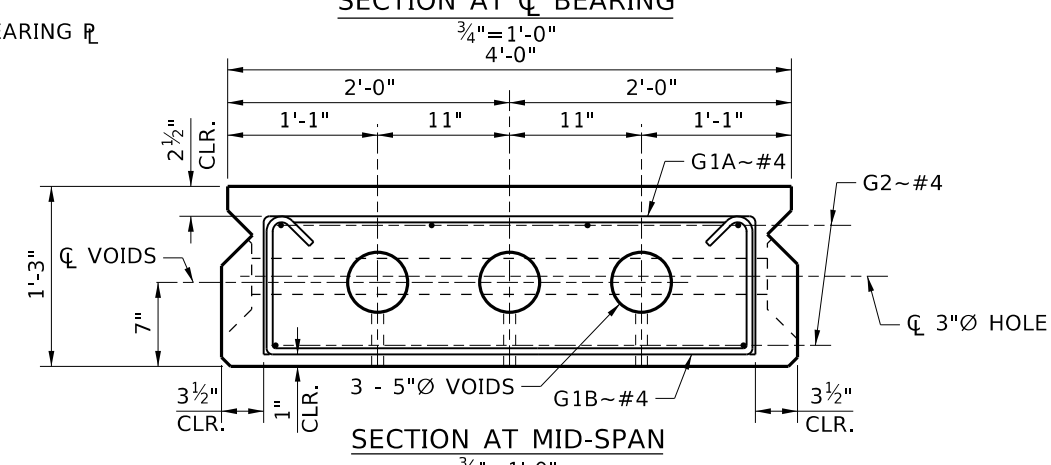
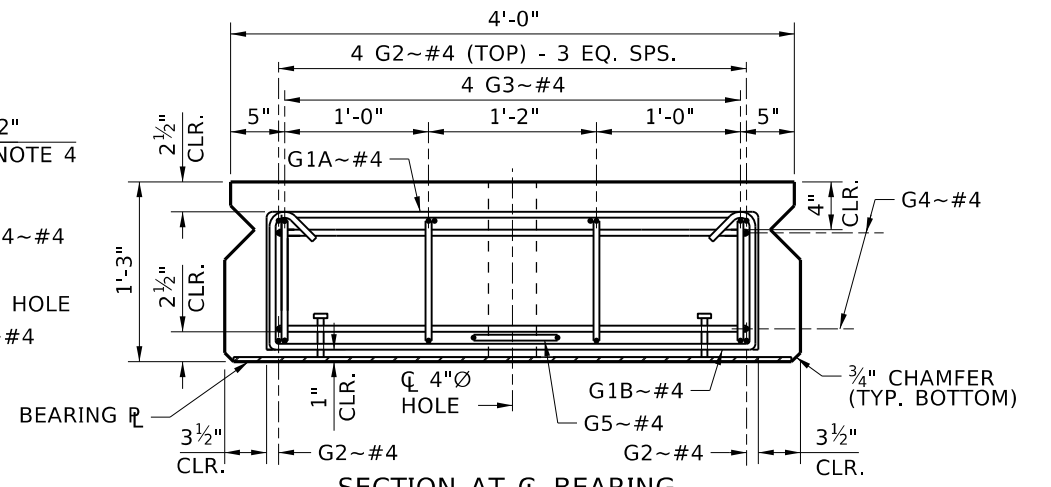
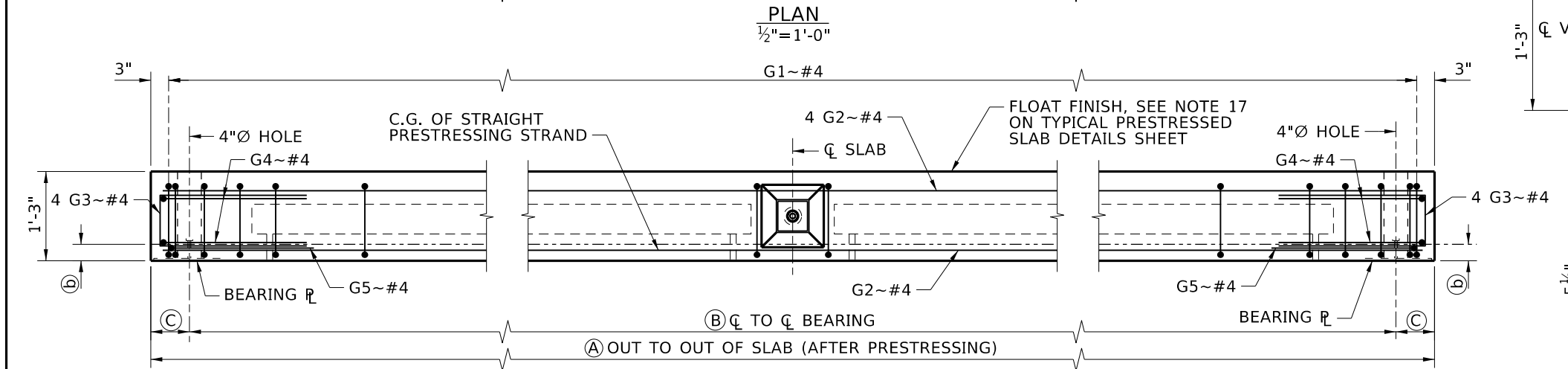
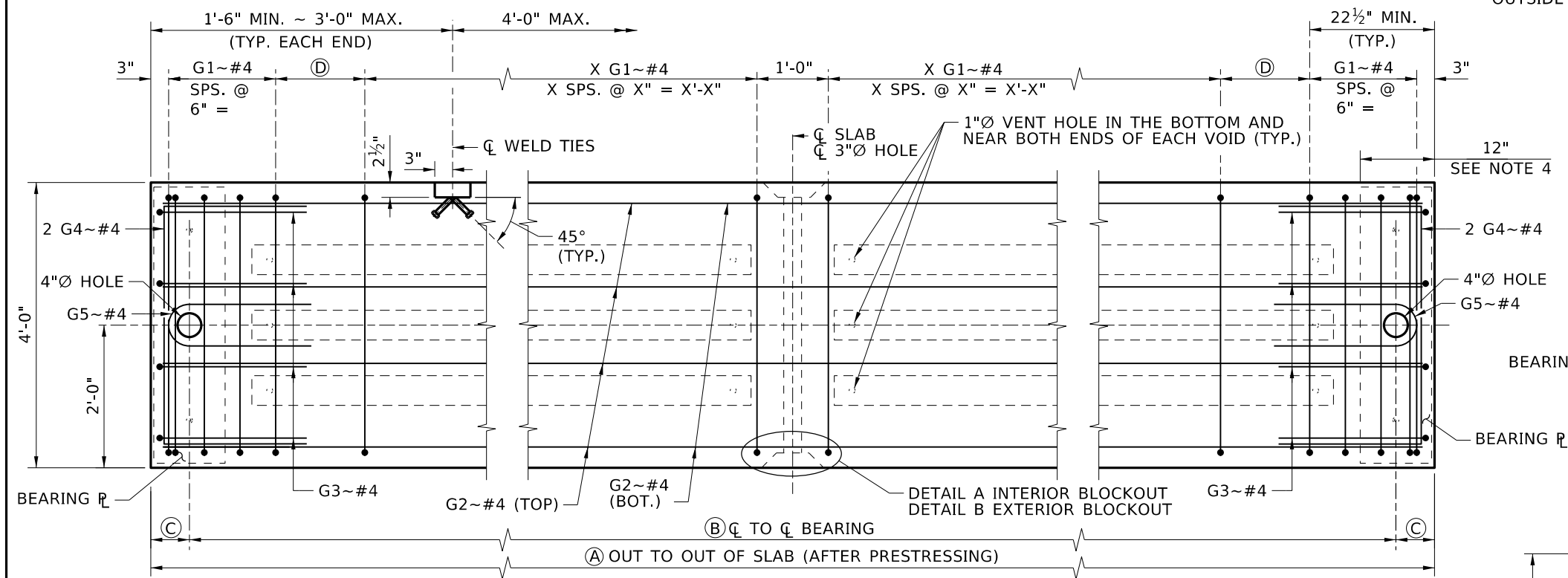
* STIRRUP AND TIE HOOK BEND DIMENSIONS.
 APPROXIMATE SLAB SHIPPING WEIGHT IS 673 LB/FT.
 STIRRUPS AND TIES MUST HAVE A MINIMUM 1" COVER OUTSIDE OF BARS.

NOTES

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

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	



REVISIONS		
NO.	DATE	DESCRIPTION

DESIGNED
DESIGN CHECKED
DETAILED
DWG. CHECKED
CORRECTIONS

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

CADD FILE NAME: B05_5B.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'-3" PRESTRESSED VOIDED SLAB

OFF SYSTEM AND LOCAL ROADS

BRIDGE LRFD DESIGN MANUAL, B5.5B

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