PRESTRESSED SLAB SCHEDULE

SLAB		PRESTRESS FORCE ~ KIPS		PRESTRESS LOSSES ~ KSI		CONCRETE STRENGTH ~ KSI		SLAB DIMENSIONS						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	Ⓐ	Ⓑ	Ⓒ LEFT	Ⓒ RIGHT	Ⓓ LEFT	Ⓓ RIGHT	ⓑ

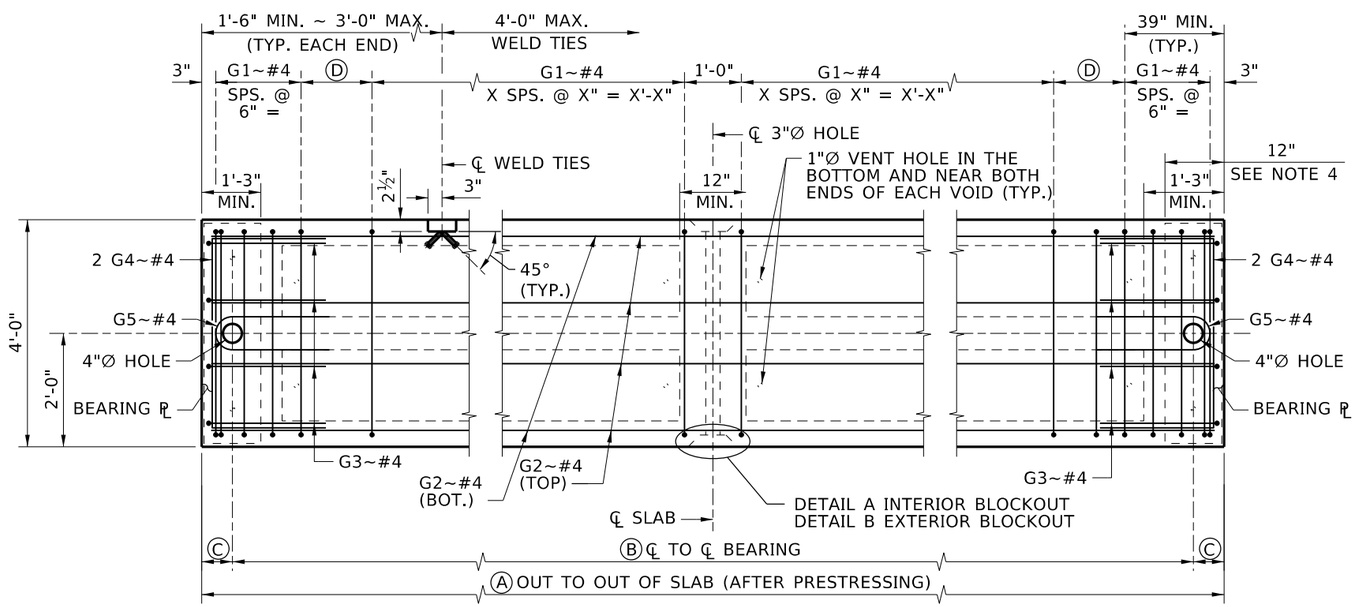
*STIRRUP AND TIE HOOK BEND DIMENSIONS.
APPROXIMATE SLAB SHIPPING WEIGHT IS 917 LB/FT.
STIRRUPS AND TIES MUST HAVE A MINIMUM 1" COVER OUTSIDE OF BARS.

NOTES

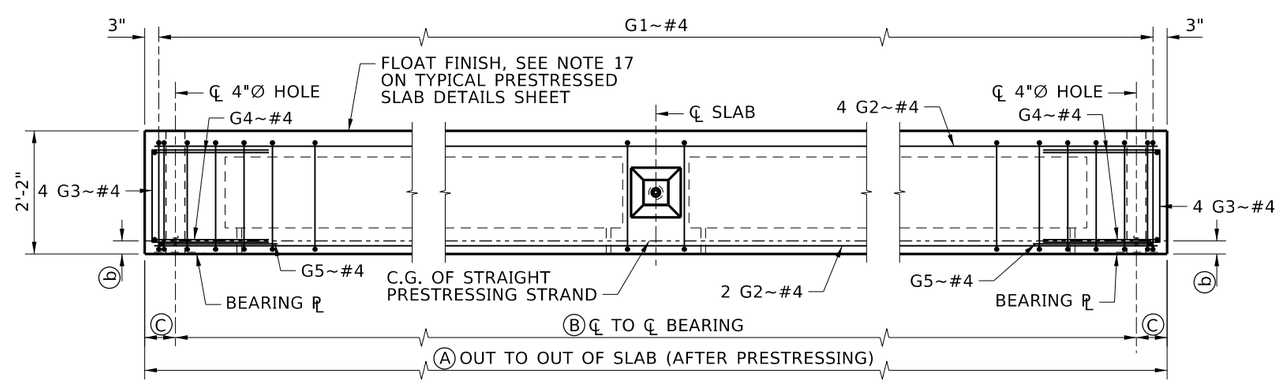
1. DIMENSIONS TO STIRRUPS AND DOWELS ARE GIVEN AT ℄ OF SLAB
2. FOR NOTES, BLOCKOUT, BEARING PLATE AND MISCELLANEOUS DETAILS, SEE PRESTRESSED SLAB DETAILS, SHEET NO. ___.
3. BEND DETAILS IN ACCORDANCE WITH LATEST ACI STANDARD PRACTICE.
4. REINFORCEMENT IN ACCORDANCE WITH AASHTO ARTICLE 5.9.4.4.1.
5. FOR 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

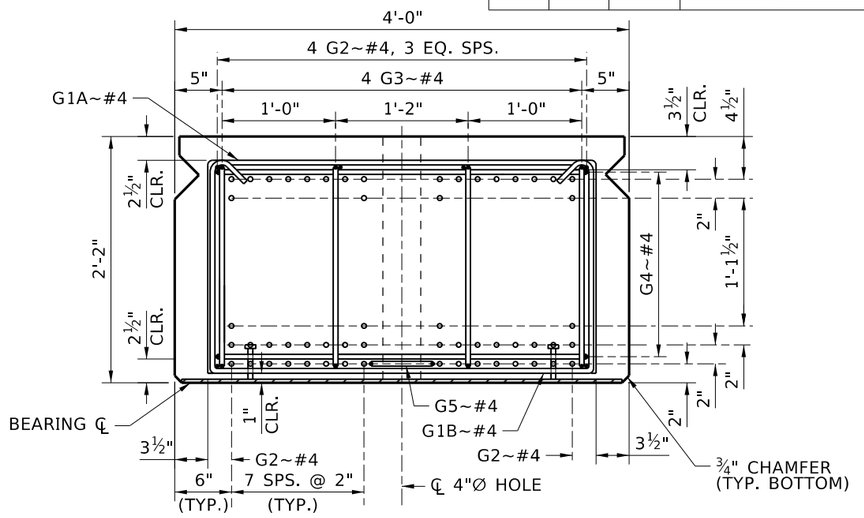
MARK	SIZE	GRADE	SKETCH
G1A*	#4(E)	60	22½" 3'-5" 22½"
G1B*	#4(E)	60	22½" 3'-5" 22½"
G2	#4(E)	60	Ⓐ - 4"
G3*	#4(E)	60	21½" 2'-0"
G4*	#4(E)	60	2'-3" 3'-4" 2'-3"
G5	#4(E)	60	2'-3" 2½" R. 6"



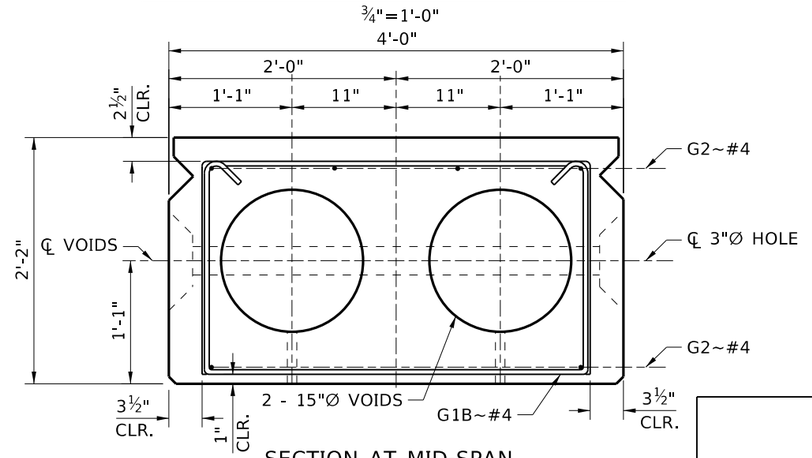
PLAN
⅜"=1'-0"



ELEVATION
⅜"=1'-0"



STRAND LAYOUT & SECTION AT ℄ BEARING
¾"=1'-0"



SECTION AT MID-SPAN
¾"=1'-0"

REVISIONS				DESIGNED	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT	ENGLISH	2'-2" PRESTRESSED VOIDED SLAB	BRIDGE PLANS
NO.	DATE	BY	DESCRIPTION	DESIGN CHECKED	CADD FILE NAME	YOUR Safety→YOUR Mobility→YOUR Economic Opportunity	PROJECT NO.		BRIDGE KEY NO.
				DETAILED	Standards/Bridge Standard Drawings/B05_5F.DGN.dgn			OFF SYSTEM AND LOCAL ROADS BRIDGE LRFD DESIGN MANUAL, B5.5F	COUNTY / KEY NO.
				DWG. CHECKED	DRAWING DATE: OCT 2023	APPROVED BY: BRIDGE ENGINEER MICHAEL T. JOHNSON DATE:			BRIDGE DWG. NO. / SHEET OF
				CORRECTIONS					