

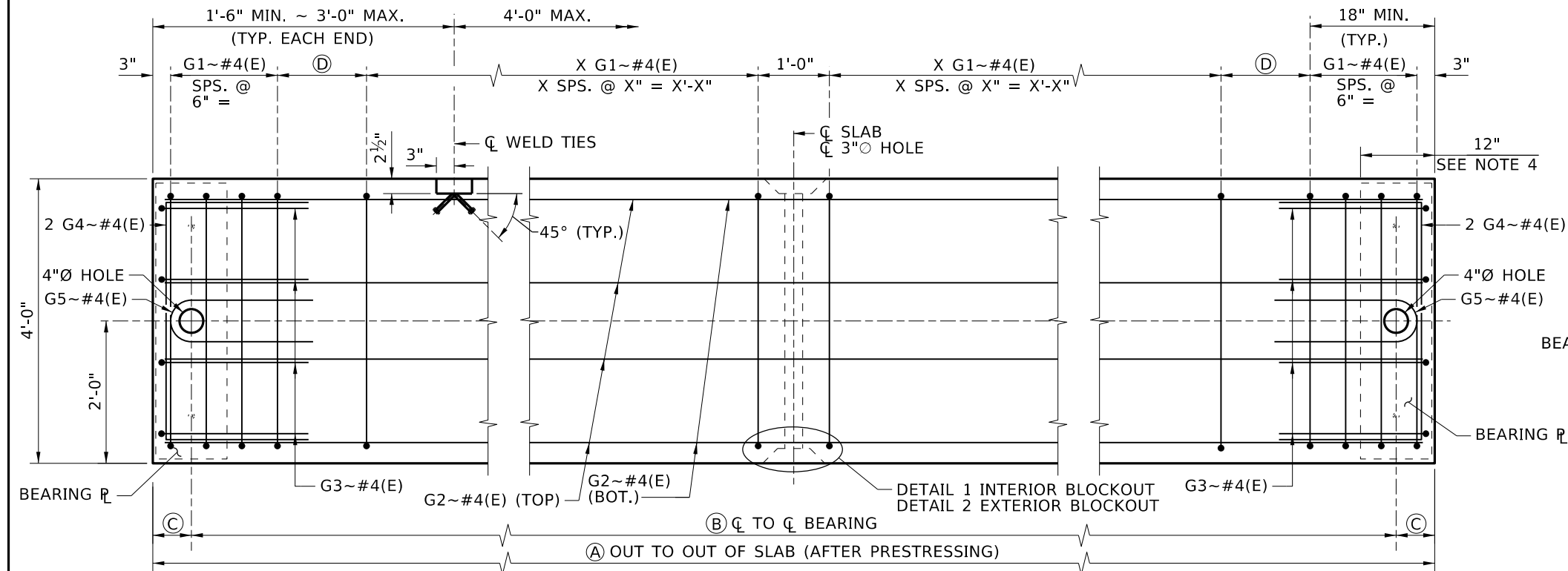
PRESTRESSED SLAB SCHEDULE

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	(A)	(B)	(C) LEFT	(C) RIGHT	(D) LEFT	(D) RIGHT	(b)

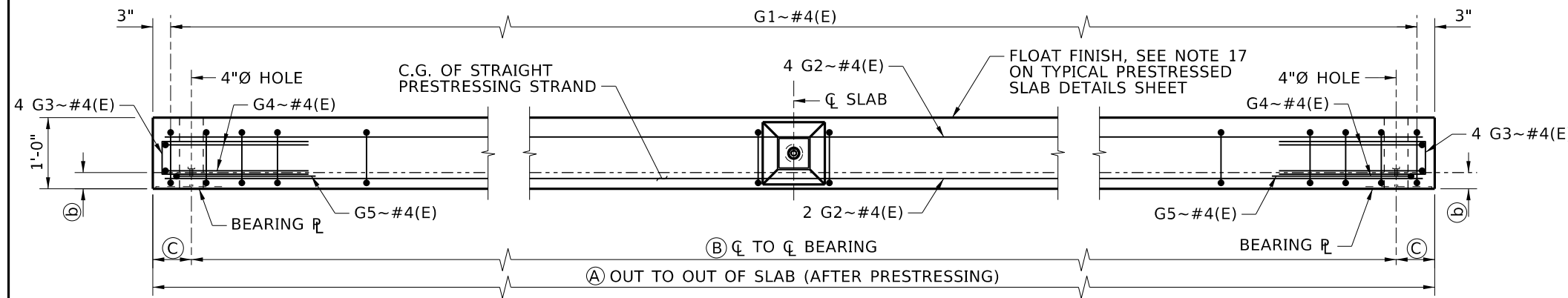
* STIRRUP AND TIE HOOK BEND DIMENSIONS.
 APPROXIMATE SLAB SHIPPING WEIGHT IS 585 LB/FT.
 STIRRUPS AND TIES MUST HAVE A MINIMUM 1" COVER OUTSIDE OF BARS.

NOTES

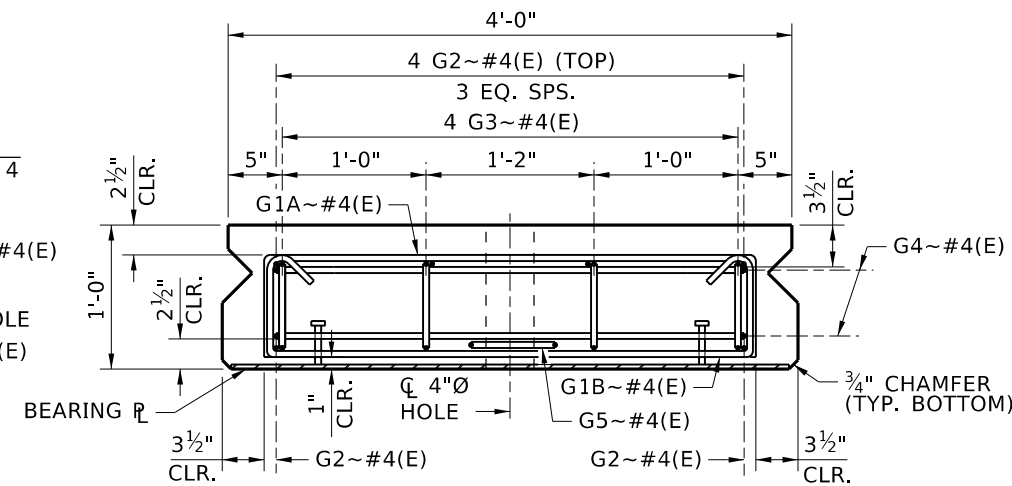
1. DIMENSIONS TO STIRRUPS AND DOWELS ARE GIVEN AT \bar{c} OF SLAB.
2. FOR NOTES, BLOCKOUT, BEARING PLATE AND MISCELLANEOUS DETAILS, SEE PRESTRESSED SLAB DETAILS, SHEET NO. ____.
3. BEND DETAILS IN ACCORDANCE WITH LATEST ACI STANDARD PRACTICE.
4. REINFORCEMENT IN ACCORDANCE WITH AASHTO ARTICLE 5.9.4.4.1.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



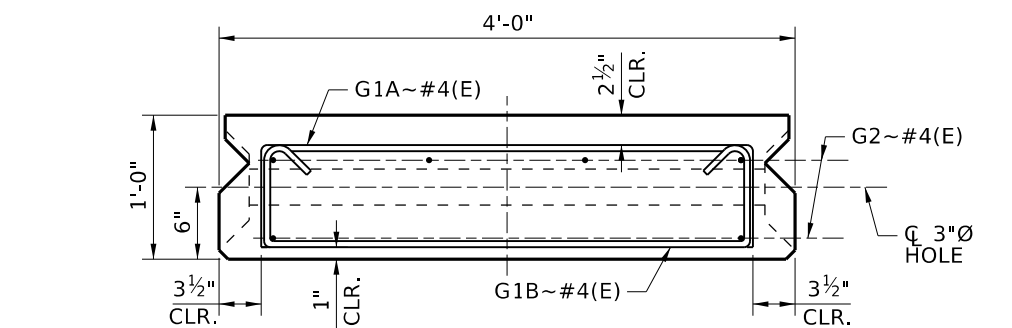
PLAN
1/2" = 1'-0"



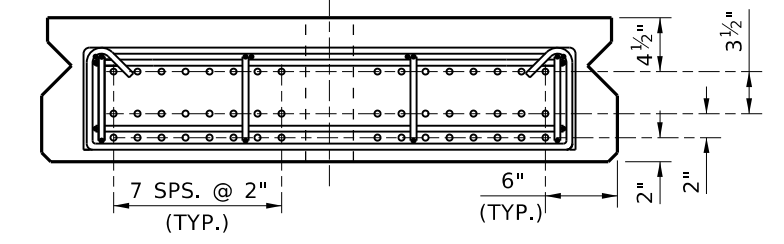
ELEVATION
1/2" = 1'-0"



SECTION AT \bar{c} BEARING
3/4" = 1'-0"



SECTION AT MID-SPAN
3/4" = 1'-0"



STRAND LAYOUT
3/4" = 1'-0"

REVISIONS		
NO.	DATE	DESCRIPTION

DESIGNED	IDAHO TRANSPORTATION DEPARTMENT <small>YOUR Safety → YOUR Mobility → YOUR Economic Opportunity</small>
DESIGN CHECKED	
DETAILED	
DWG. CHECKED	
CORRECTIONS	

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME: Standards/Bridge Standard Drawings/805_5A.dgn DRAWING DATE: DEC 2024	APPROVED BY: BRIDGE ENGINEER MICHAEL T. JOHNSON DATE: _____
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ENGLISH
PROJECT NO.

12" PRESTRESSED SOLID SLAB

OFF SYSTEM AND LOCAL ROADS
BRIDGE LRFD DESIGN MANUAL B5.5A

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