

**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 |  |  |  |  |  |  |  |  |
|          |          |                        |                    |                        |                    |                         |                |                 |     |          |           |                    |          |           |  |  |  |  |  |  |  |  |

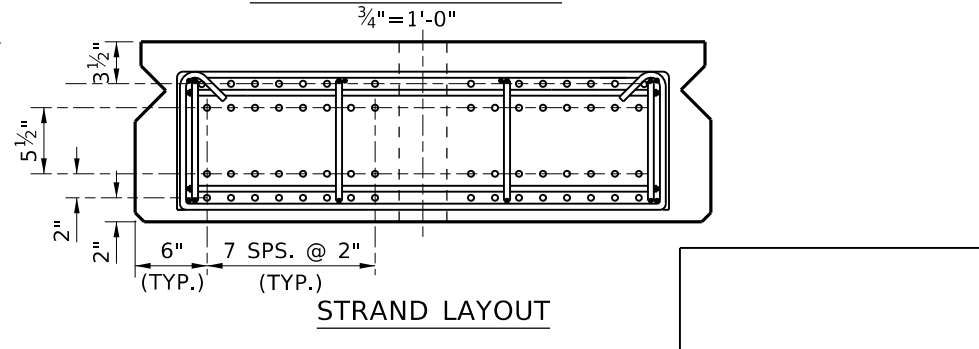
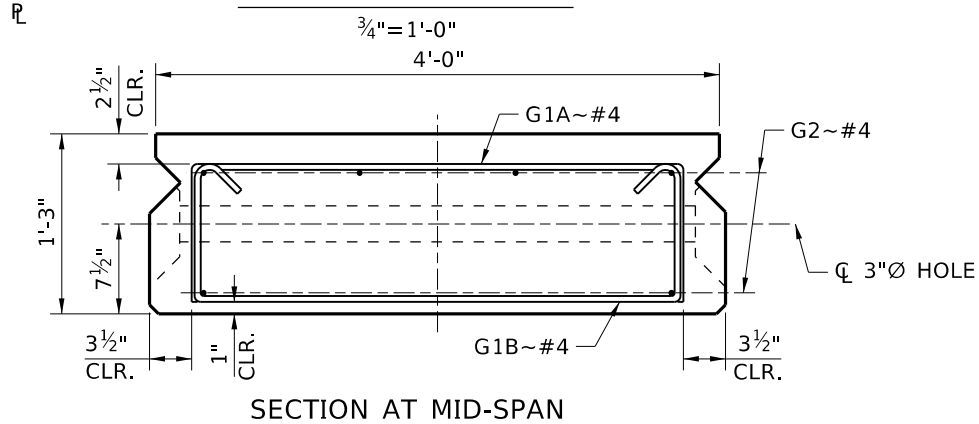
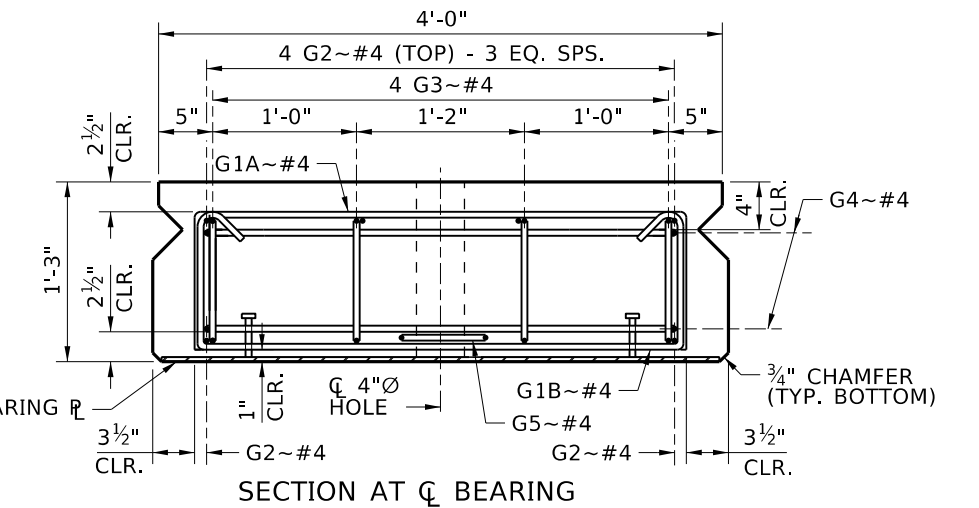
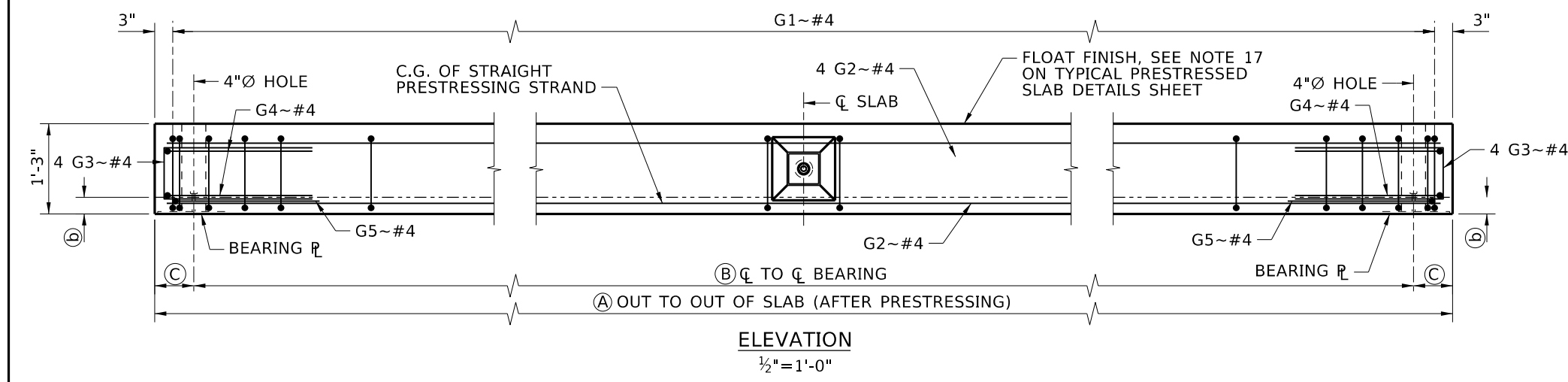
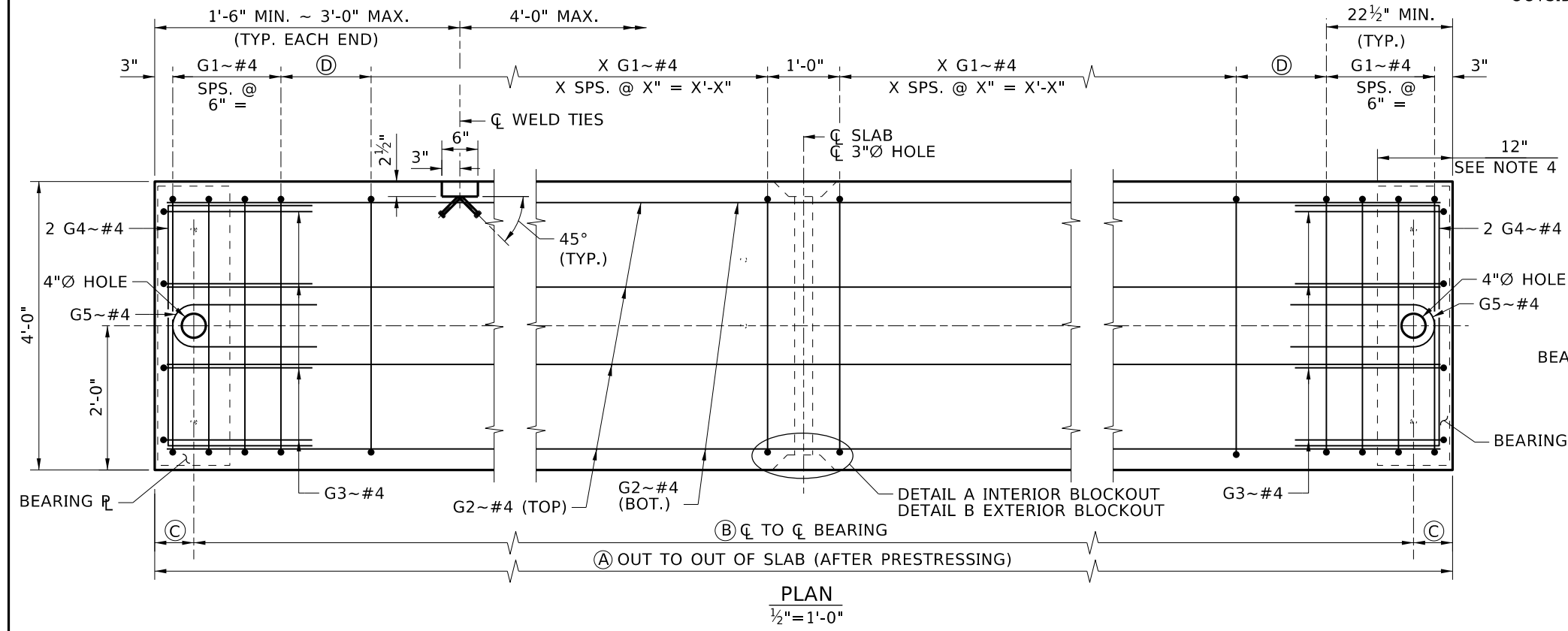
\* STIRRUP AND TIE HOOK BEND DIMENSIONS.  
 APPROXIMATE SLAB SHIPPING WEIGHT IS 735 LB/FT.  
 STIRRUPS AND TIES MUST HAVE A MINIMUM 1" COVER OUTSIDE OF BARS.

**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: Standards/Bridge Standard Drawings/805\_5C.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 SOLID SLAB**  
 OFF SYSTEM AND LOCAL ROADS  
 BRIDGE LRFD DESIGN MANUAL, B5.5C

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