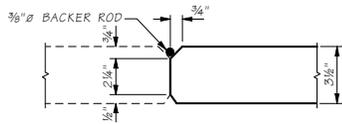


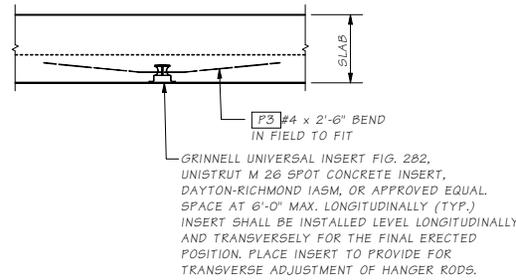
TYPICAL SECTION - PRESTRESSED PANEL



DETAIL (B)

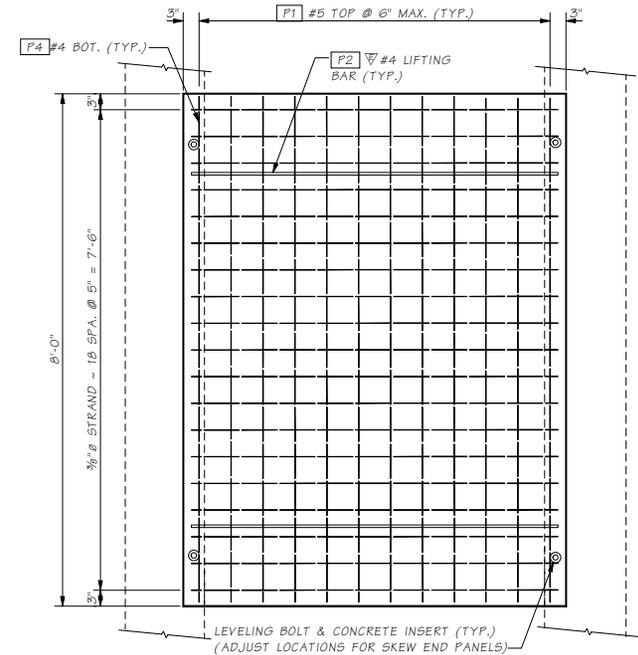
NOTES:

1. CONCRETE IN THE PRESTRESSED PRECAST DECK PANELS SHALL BE CLASS 5000. THE CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI BEFORE RELEASING THE PRETENSIONING STRANDS.
2. THE PRETENSION STRANDS SHALL BE 7 WIRE 3/8" (As = 0.085 IN²) LOW RELAXATION STRANDS (AASHTO M203 GRADE 270) THE JACKING FORCE SHALL BE 17.4 KIP PER STRAND.
3. GROUT BED FOR PRESTRESSED PRECAST DECK PANELS SHALL CONFORM TO THE SPECIAL PROVISIONS.
4. LOOSEN THE LEVELING BOLT BY TWO TURN AFTER THE GROUT HAS REACHED THE DESIGN STRENGTH PER STANDARD SPECIFICATION.
5. FOR SKEW END PANELS, ADJUST THE LEVELING BOLT LOCATIONS LONGITUDINALLY ALONG THE C OF GIRDER, SUCH THAT EACH PANEL WILL HAVE 4 BOLTS AFTER THE SAWCUT.

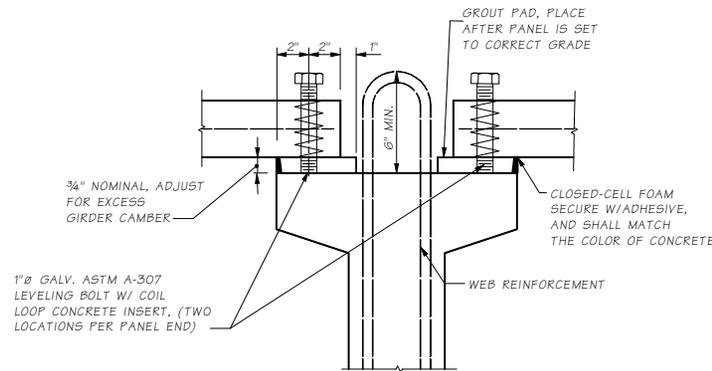


DETAIL (A)

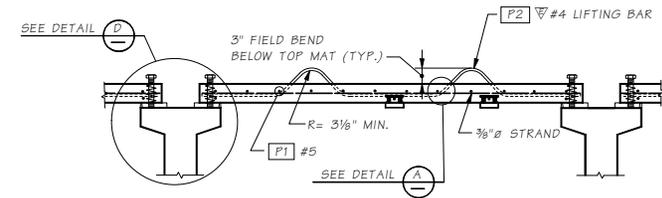
NOTE:
THE FIRST INSERT SHALL BE PLACED WITHIN 2'-0" OF THE END DIAPHRAGMS.
FOR INSERT LOCATIONS, SEE "UTILITIES HANGER DETAILS" SHEET.



PLAN VIEW ~ PRESTRESSED PANEL



DETAIL (D)



ELEVATION ~ PRESTRESSED PANEL

(DIMENSIONS SHOWN NORMAL TO C OF TUB GIRDER)

BAR LIST

| MARK # | BAR SIZE | BEND TYPE |
|--------|----------|-----------|
| P1 | 5 | STRAIGHT |
| * P2 | 4 | AS SHOWN |
| P3 | 4 | AS SHOWN |
| P4 | 4 | STRAIGHT |

* VARIES

▽ = EPOXY COATED
ALL REINFORCEMENT SHALL BE AASHTO M31, GR. 60.

SHEET NO. 5-0-118-1

| | | | | | | |
|-----------------------|---|--------------|-------|--------------------|-----------|--------------|
| Bridge Design Engr. | M:STANDARD5GirdersTrapezoidal TubeSIP PS DECK PANEL DETAILS.MAN | REVISION NO. | STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS |
| Supervisor | | 10 | WASH. | | | |
| Designed By | | JOB NUMBER | | | | |
| Checked By | | | | | | |
| Detaild By | | | | | | |
| Bridge Projects Engr. | | | | | | |
| Prelim Plan By | | | | | | |
| Architect/Specialist | | | | | | |

BRIDGE AND STRUCTURES OFFICE



STANDARD PRESTRESSED CONCRETE GIRDERS

PRECAST PRESTRESSED STAY-IN-PLACE DECK PANEL DETAILS

BRIDGE SHEET NO. OF SHEETS