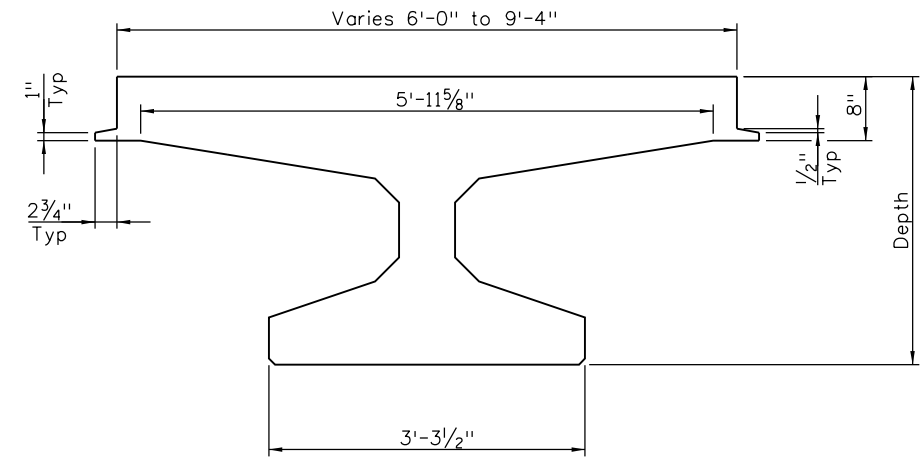
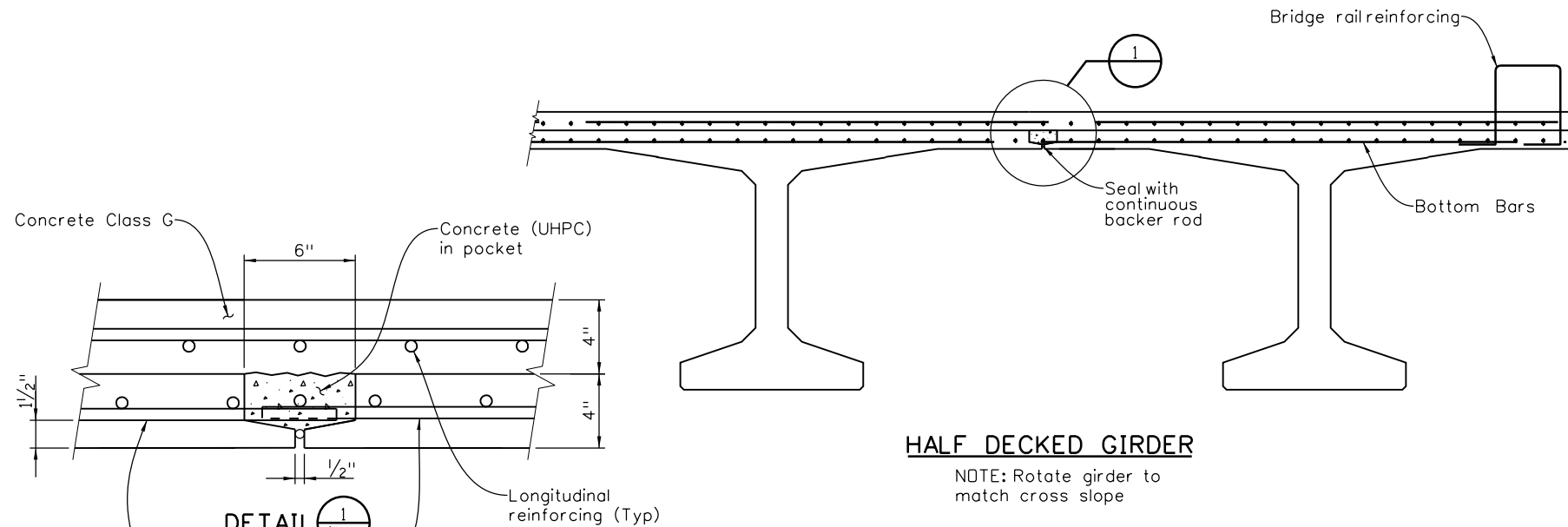


| Revision Dates |      |      |       |
|----------------|------|------|-------|
| 6/19           | 7/19 | 3/23 | 9/ 24 |



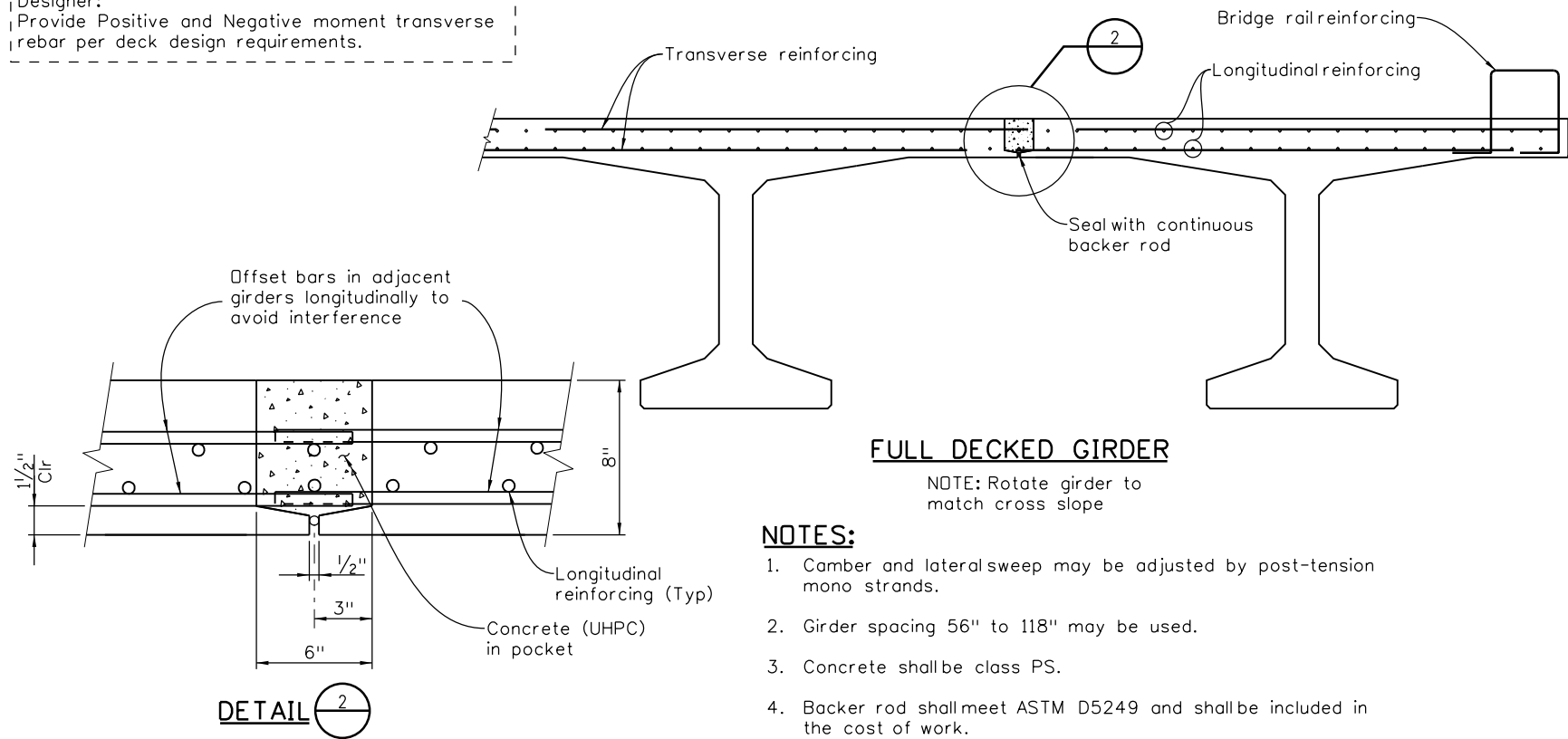
**SECTION**

For dimensions not shown See B-618-CBT2

| Girder Type | Depth (IN) | Weight (LBS/FT) ✱ | Area (IN <sup>2</sup> ) | I <sub>x</sub> CG (IN <sup>4</sup> ) | I <sub>y</sub> CG (IN <sup>4</sup> ) | Y <sub>b</sub> (IN) | 1/2 Height Deck Weight Reduction(%) |
|-------------|------------|-------------------|-------------------------|--------------------------------------|--------------------------------------|---------------------|-------------------------------------|
| CBT30D-78   | 36.0       | 1338              | 1243                    | 178,419                              | 342,787                              | 22.00               | 23.2                                |
| CBT36D-78   | 42.0       | 1383              | 1285                    | 268,747                              | 342,959                              | 25.88               | 22.4                                |
| CBT45D-78   | 51.0       | 1451              | 1348                    | 444,652                              | 343,216                              | 31.50               | 21.4                                |
| CBT54D-78   | 60.0       | 1519              | 1411                    | 671,778                              | 343,473                              | 37.13               | 20.4                                |
| CBT63D-78   | 69.0       | 1587              | 1474                    | 953,116                              | 343,730                              | 42.50               | 19.5                                |
| CBT72D-78   | 78.0       | 1654              | 1537                    | 1,291,567                            | 343,990                              | 48.00               | 18.7                                |
| CBT81D-78   | 87.0       | 1722              | 1600                    | 1,689,992                            | 344,247                              | 53.25               | 18.0                                |
| CBT90D-78   | 96.0       | 1790              | 1663                    | 2,152,065                            | 344,502                              | 58.50               | 17.3                                |
| CBT30D-118  | 36.0       | 1682              | 1563                    | 205,598                              | 1,043,216                            | 24.00               | 28.7                                |
| CBT36D-118  | 42.0       | 1728              | 1605                    | 308,313                              | 1,043,388                            | 28.25               | 27.9                                |
| CBT45D-118  | 51.0       | 1795              | 1668                    | 508,345                              | 1,043,643                            | 34.50               | 26.9                                |
| CBT54D-118  | 60.0       | 1863              | 1731                    | 766,780                              | 1,043,902                            | 40.63               | 25.9                                |
| CBT63D-118  | 69.0       | 1931              | 1794                    | 1,087,135                            | 1,044,149                            | 46.50               | 25.0                                |
| CBT72D-118  | 78.0       | 1999              | 1857                    | 1,472,787                            | 1,044,416                            | 52.50               | 24.1                                |
| CBT81D-118  | 87.0       | 2067              | 1920                    | 1,927,015                            | 1,044,673                            | 58.25               | 23.3                                |
| CBT90D-118  | 96.0       | 2134              | 1983                    | 2,453,981                            | 1,044,904                            | 64.00               | 22.6                                |

✱ Based on 155 LBS/CF

Designer:  
Provide Positive and Negative moment transverse rebar per deck design requirements.



**NOTES:**

1. Camber and lateralsweep may be adjusted by post-tension mono strands.
2. Girder spacing 56" to 118" may be used.
3. Concrete shall be class PS.
4. Backer rod shall meet ASTM D5249 and shall be included in the cost of work.
5. Post-tension mono strands may be required for over, under camber and lateralsweep adjustment.

| INITIALS   | DESIGN | DATE | DETAIL | DATE | QUANTITY | DATE |
|------------|--------|------|--------|------|----------|------|
| By         |        |      |        |      |          |      |
| Checked By |        |      |        |      |          |      |

\$PLOT\_INFO\$

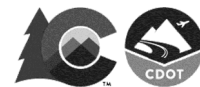
All seals for this set of drawings are applied to the cover page(s)

|  |
|--|
| Print Date: \$DATE\$                     |
| File Name: Sheet_B-618-DBT.dgn           |
| Horiz. Scale: None Vert. Scale: As Noted |
| Unit Information Unit Leader Initials    |

**Sheet Revisions**

| Date: | Comments | Init. |
|-------|----------|-------|
|       |          |       |
|       |          |       |
|       |          |       |
|       |          |       |

**Colorado Department of Transportation**



2829 West Howard Place, 3rd Floor  
Denver, CO 80204  
Phone: 303-512-4079  
FAX: 303-757-9197

**Staff Bridge Branch**

**Initials**

**As Constructed**

No Revisions:

Revised:

Void:

**PRESTRESSED CONCRETE  
DECKED CBT**

|                      |                           |         |
|----------------------|---------------------------|---------|
| Designer: XXXXXXXX   | Structure Numbers         | X-XX-XX |
| Detailer: XXXXXXXX   |                           | X-XX-XX |
| Sheet Subset: BRIDGE | Subset Sheets: BXX of XXX |         |

**Project No./Code**

Project Number

Code

Sheet Number