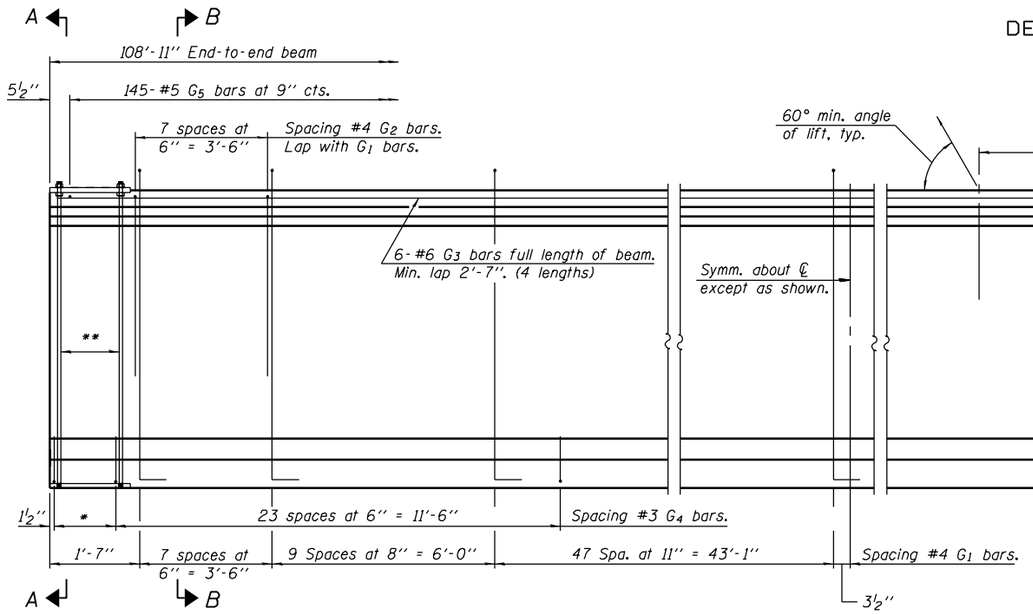
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| F.A.I. 57 | 10-32HB -3,K | CHAMPAIGN | 352 | 124 |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT- | | |

SHEET NO. 15
27 SHEETS

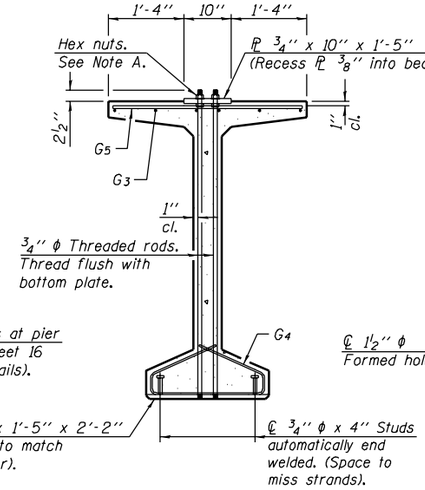
Contract #90758



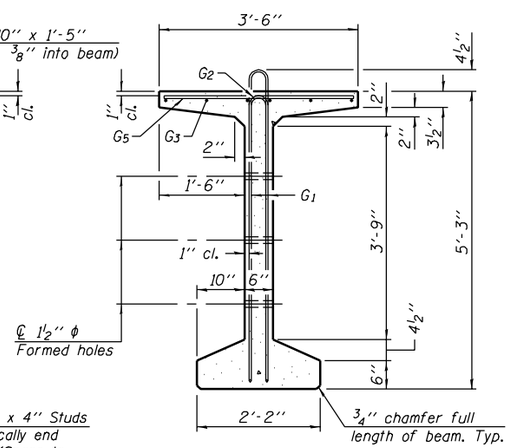

* 4 spaces at 3¼" = 1'-1".
** 5-¾" ϕ threaded dowel rods at 3¼" cts., each face.

ELEVATION OF BEAM
(Showing reinforcement & dimensions)

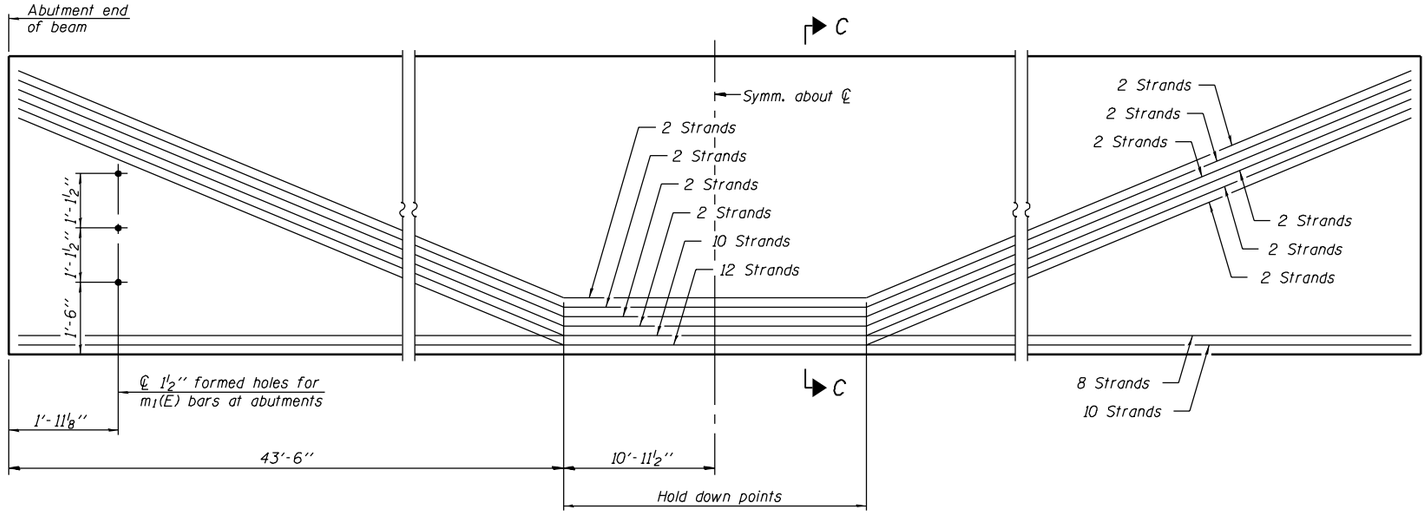
Note A:
Hex nuts (top and bottom) with lock washers (top). Only tighten sufficiently to compress lock washers.



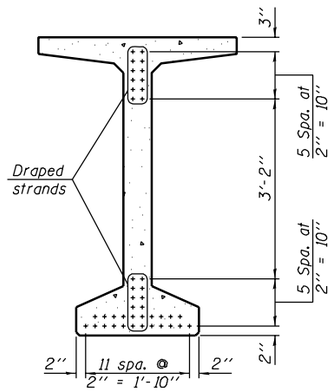

SECTION A-A




SECTION B-B




ELEVATION OF BEAM
(Showing prestressing steel)




SECTION C-C

BAR LIST
ONE BEAM ONLY

| Bar | No. | Size | Length | Shape |
|---|---|---|---|---|
| G1 | 128 | #4 | 11'-11" | ⊓L |
| G2 | 16 | #4 | 6'-2" | ⊓ |
| G3 | 24 | #6 | 29'-2" | — |
| G4 | 56 | #3 | 4'-11" | ⌓ |
| G5 | 145 | #5 | 3'-4" | — |
| G6 | 3 | #8 | 3'-9" | ⌒ |

Notes:
See sheet 16 of 27 for additional details and Bill of Material.
Required release strength, f'ci, shall be 5,000 psi.

| | |
|---|---|
| DESIGNED | Gholam R. Ahanchi |
| CHECKED | Rebecca L. Tharp |
| DRAWN | Michael B. Mossman |
| CHECKED | G.R.A. / R.L.T. |

April 28, 2006
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

PBT-4-63 7-15-05

63" PPC BULB T-BEAM
F.A.I. ROUTE 57 SEC. 10-32HB-3,K
CHAMPAIGN COUNTY
STATION 297+20.45
STRUCTURE NO. 010-0272