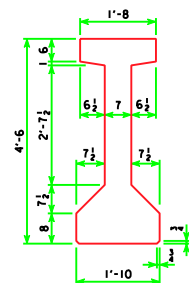
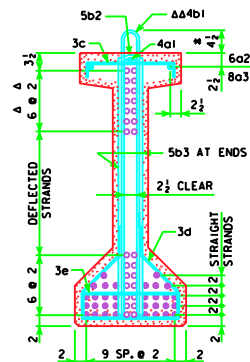


Diagram illustrating the elevation view of the bridge deck, showing the arrangement of stringers and ties. Key dimensions and labels include:

- Stringer spacing: 4b1, 3c, 3d; 5b2; 3e
- Tie lengths: 2'-11, 2'-6a2, 2'-8a3
- Overall deck width: 111'-0
- Centerline (CL) and End of Beam (111'-0 END TO END OF BEAM)
- Labels: 4a1, 5b3 @ 3' CL'S TIE TO 4b1 & 5b2, 6a2, 6a3, 6a4, 6a5, 6a6, 6a7, 6a8, 6a9, 6a10, 6a11, 6a12, 6a13, 6a14, 6a15, 6a16, 6a17, 6a18, 6a19, 6a20, 6a21, 6a22, 6a23, 6a24, 6a25, 6a26, 6a27, 6a28, 6a29, 6a30, 6a31, 6a32, 6a33, 6a34, 6a35, 6a36, 6a37, 6a38, 6a39, 6a40, 6a41, 6a42, 6a43, 6a44, 6a45, 6a46, 6a47, 6a48, 6a49, 6a50, 6a51, 6a52, 6a53, 6a54, 6a55, 6a56, 6a57, 6a58, 6a59, 6a60, 6a61, 6a62, 6a63, 6a64, 6a65, 6a66, 6a67, 6a68, 6a69, 6a70, 6a71, 6a72, 6a73, 6a74, 6a75, 6a76, 6a77, 6a78, 6a79, 6a80, 6a81, 6a82, 6a83, 6a84, 6a85, 6a86, 6a87, 6a88, 6a89, 6a90, 6a91, 6a92, 6a93, 6a94, 6a95, 6a96, 6a97, 6a98, 6a99, 6a100



AREA = 638.75 in.²
Y_b = 24.37 in.
I = 214,974 in.⁴



BEAM LXDIIO

- | | | |
|---|---|-----------------|
| LATEST REVISION DATE: <i>November 2, 2004</i> | STANDARD DESIGN - 24' ROADWAY, SINGLE SPAN BRIDGE
PRETENSIONED PRESTRESSED
 CONCRETE BEAM BRIDGES | |
| | JANUARY, 2005 | HS20-44 LOADING |
| | IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION | |
| APPROVED BY | LXD110 BEAM DETAILS | H24SI-29-05 |