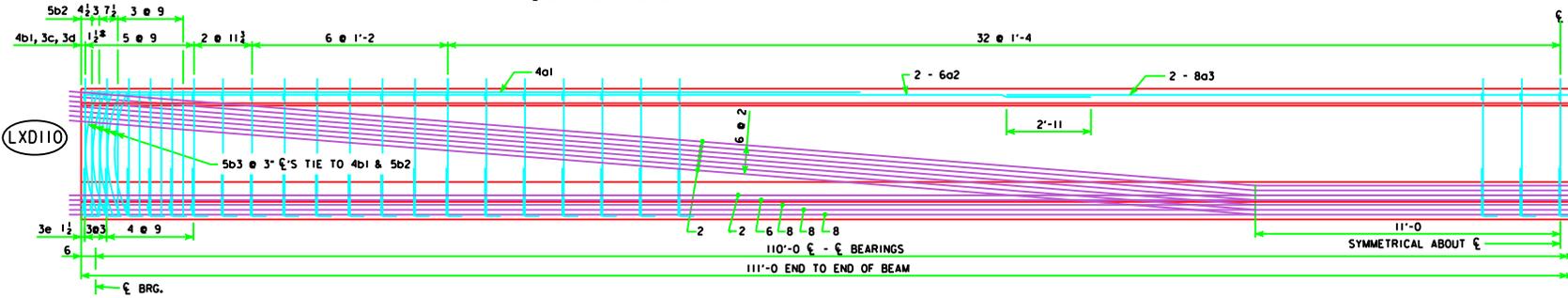
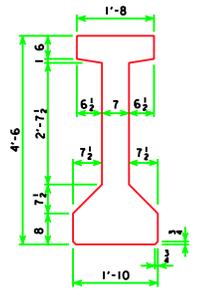


NOTE: DIMENSIONS FOR THE LOCATION OF THE DEFLECTED STRANDS ARE AT  $\xi$  BEAM AND END OF BEAM.

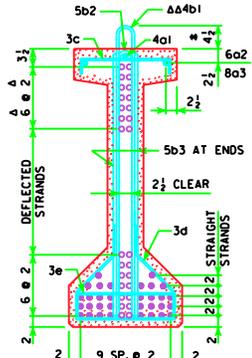


LXD110



TYPICAL "LXD" BEAM CROSS SECTION

AREA = 638.75 in.<sup>2</sup>  
 $I_b = 24,37$  in.<sup>4</sup>  
 $I = 214,974$  in.<sup>4</sup>



BEAM LXD110

- DEFLECTED STRANDS
- \* KEEP
- △ DIMENSIONS AT END OF BEAM
- △△ EPOXY COATED BARS

LATEST REVISION DATE :

APPROVED BY  
*[Signature]*

|  |                 |
|--|-----------------|
| STANDARD DESIGN - 30' ROADWAY, SINGLE SPAN BRIDGE    |                 |
| PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES       |                 |
| JANUARY, 2005  | HS20-44 LOADING |
| IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION |                 |
| LXD110 BEAM DETAILS                                  | H30SI-32-05     |