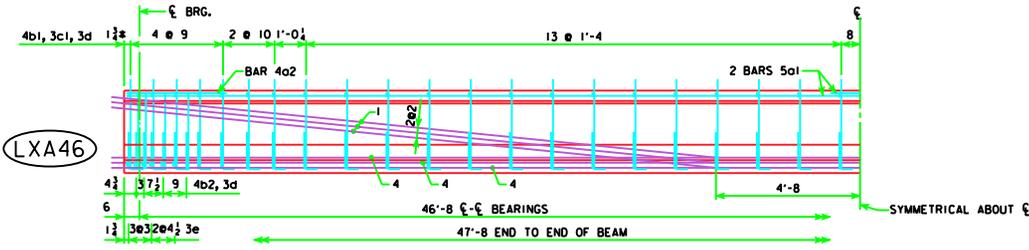
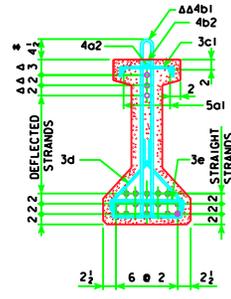


NOTE: DIMENSIONS FOR THE LOCATION OF THE DEFLECTED STRANDS ARE AT  $\xi$  BEAM AND END OF BEAM.

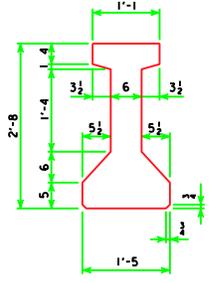


LXA46



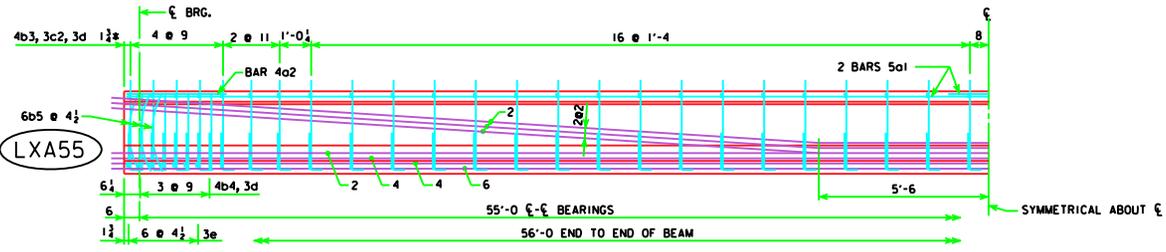
BEAM LXA46

NOTE: BARS 3d ARE TO BE PLACED IN PAIRS.

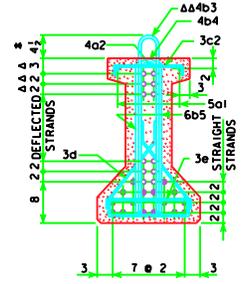


BEAM LXA46

A = 311.5 in<sup>2</sup>  
 $y_b$  = 14.05 in.  
 I = 34,082 in<sup>4</sup>

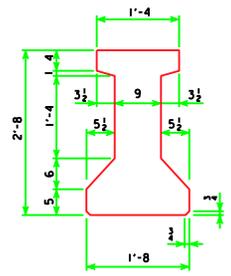


LXA55



BEAM LXA55

NOTE: BARS 6b5 AND 3d ARE TO BE PLACED IN PAIRS.



BEAM LXA55

A = 407.5 in<sup>2</sup>  
 $y_b$  = 14.51 in.  
 I = 42,552 in<sup>4</sup>

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

LATEST REVISION DATE :

APPROVED BY

STANDARD DESIGN - 24' ROADWAY, SINGLE SPAN BRIDGE  
 PRETENSIONED PRESTRESSED  
 CONCRETE BEAM BRIDGES  
 JANUARY, 2005 HS20-44 LOADING  
 IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION  
 LXA46 - LXA55 BEAM DETAILS H24SI-22-05