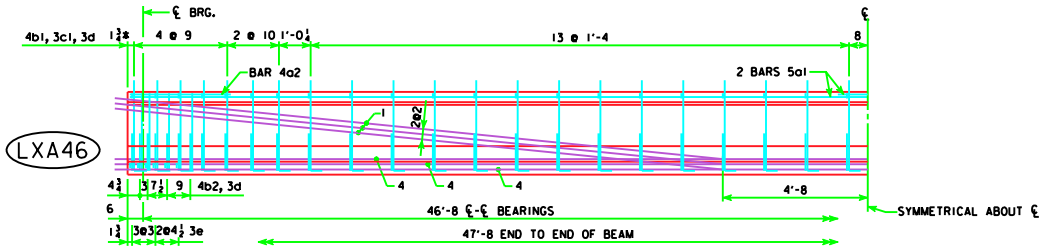
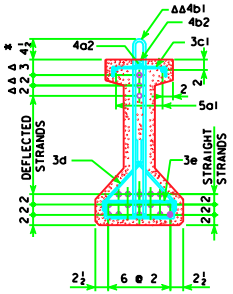
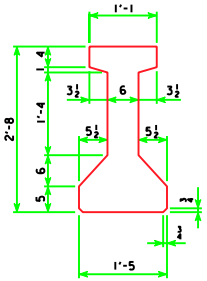
NOTE: DIMENSIONS FOR THE LOCATION OF THE DEFLECTED STRANDS ARE AT ℄ BEAM AND END OF BEAM.





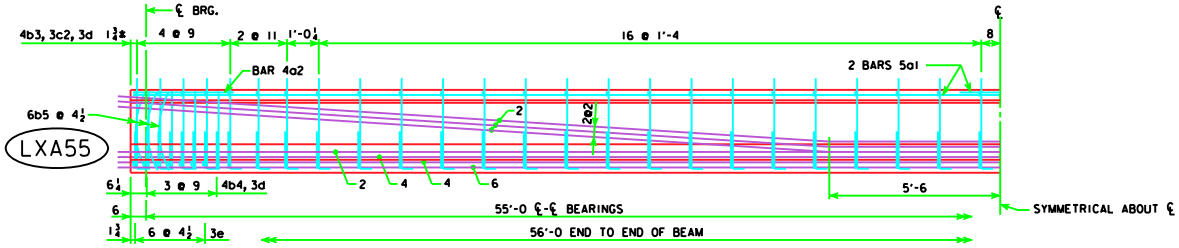
BEAM LXA46

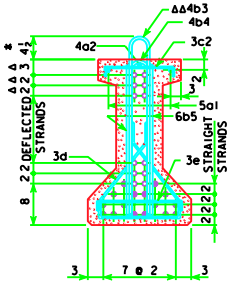
NOTE: BARS 3d ARE TO BE PLACED IN PAIRS.



BEAM LXA46

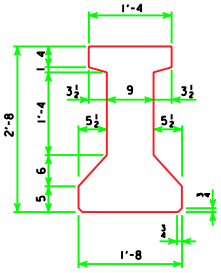
A = 311.5 in.²
Y_b = 14.05 in.
I = 34,082 in.⁴





BEAM LXA55

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



BEAM LXA55

A = 407.5 in.²
Y_b = 14.51 in.
I = 42,552 in.⁴

○ DEFLECTED STRANDS
✱ KEEP
Δ DIMENSIONS AT END OF BEAM
ΔΔ EPOXY COATED BARS

LATEST REVISION DATE :

APPROVED BY

STANDARD DESIGN - 30' ROADWAY, SINGLE SPAN BRIDGE

PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES

JANUARY, 2005 HS20-44 LOADING

IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION

LXA46 - LXA55 BEAM DETAILS | H30S1-25-05