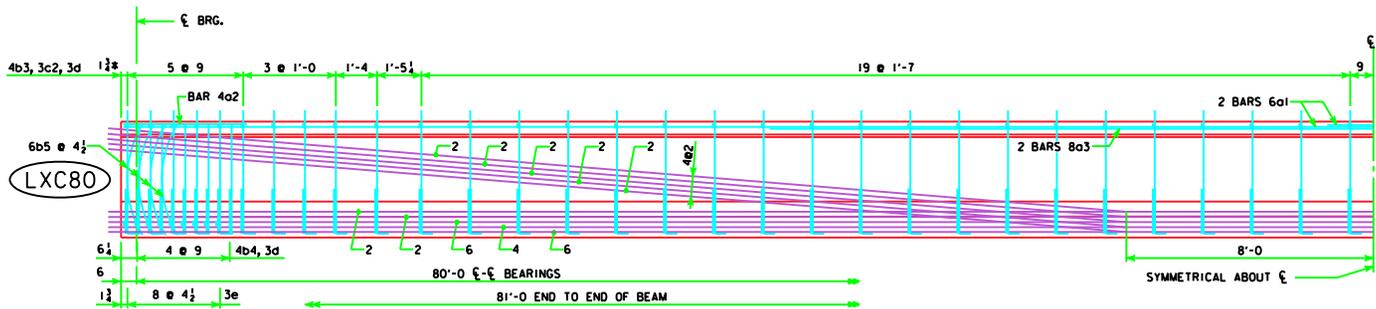
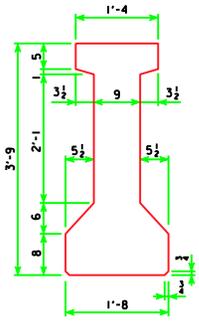
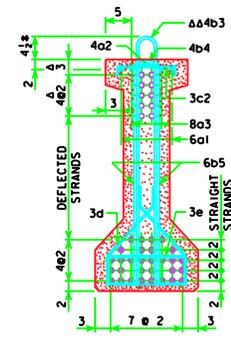


NOTE: DIMENSIONS FOR THE LOCATION OF THE DEFLECTED STRANDS ARE AT ξ BEAM AND END OF BEAM.



LXC80



BEAM LXC80

BEAM LXC80

NOTE: BARS 6b5 AND 3d ARE TO BE PLACED IN PAIRS.
 ○ DEFLECTED STRANDS
 * KEEP
 Δ DIMENSIONS AT END OF BEAM
 AA EPOXY COATED BARS

A = 564.5 in.²
 Y_b = 20.23 in.
 I = 116,354 in.⁴

LATEST REVISION DATE :

APPROVED BY
[Signature]

STANDARD DESIGN - 24' ROADWAY, SINGLE SPAN BRIDGE
 PRETENSIONED PRESTRESSED
 CONCRETE BEAM BRIDGES
 JANUARY, 2005 HS20-44 LOADING
 IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION
 LXC80 BEAM DETAILS H24SI-26-05