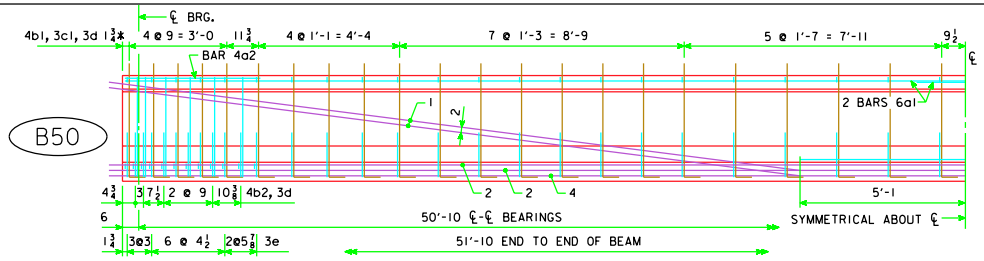
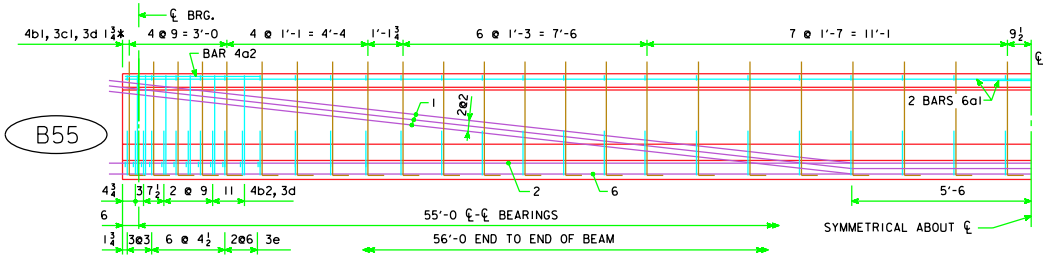
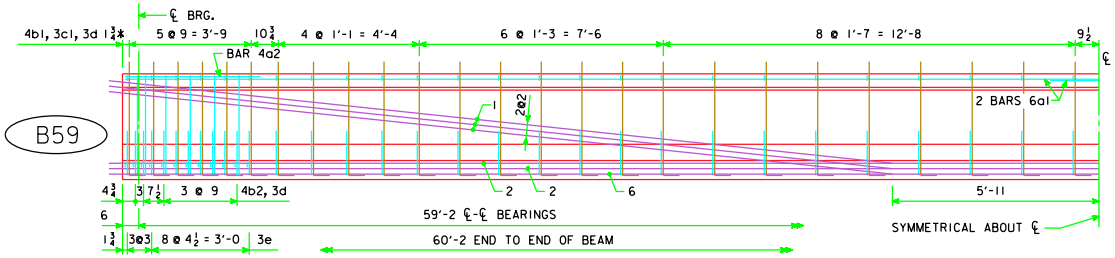
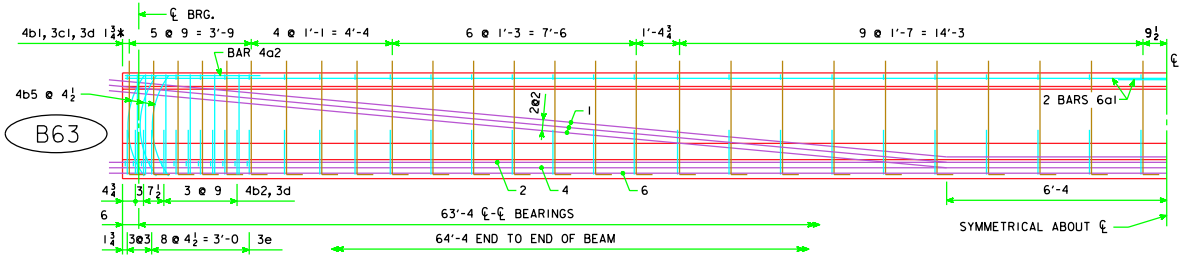
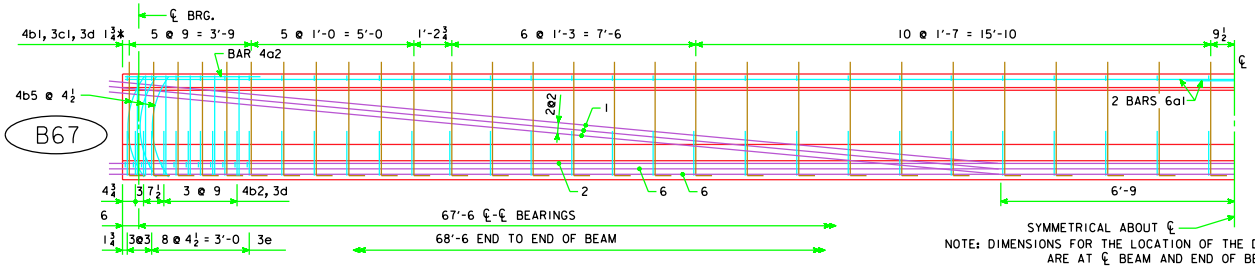


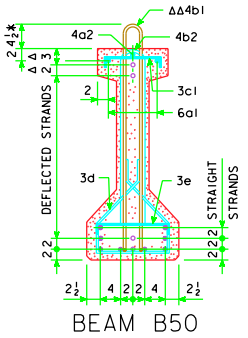




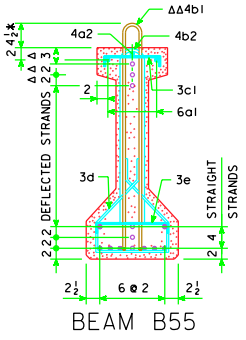




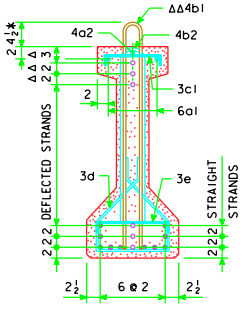
NOTE: DIMENSIONS FOR THE LOCATION OF THE DEFLECTED STRANDS ARE AT ℄ BEAM AND END OF BEAM.



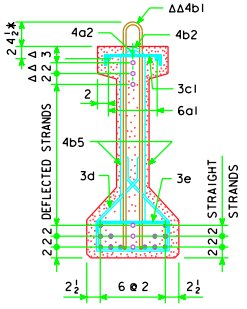
BEAM B50



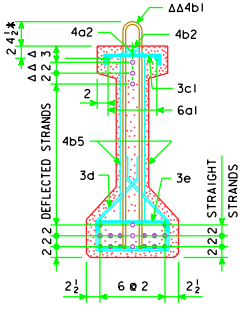
BEAM B55



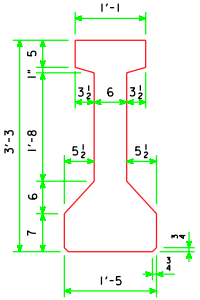
BEAM B59



BEAM B63



BEAM B67



"B" BEAM
CROSS SECTION
A = 382.5 in.²
Y_b = 17.06 in.
I = 62,000 in.⁴

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

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

REVISED 01-10 - THE BEAM DETAILS WERE UPDATED TO THE CURRENT BEAMS.

01-10
LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER

Iowa Department of Transportation
Highway Division

STANDARD DESIGN - 24' ROADWAY, THREE SPAN BRIDGE

PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES

DECEMBER, 2006

B BEAM DETAILS

H24-35-06