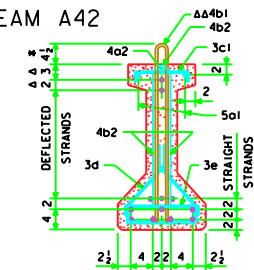
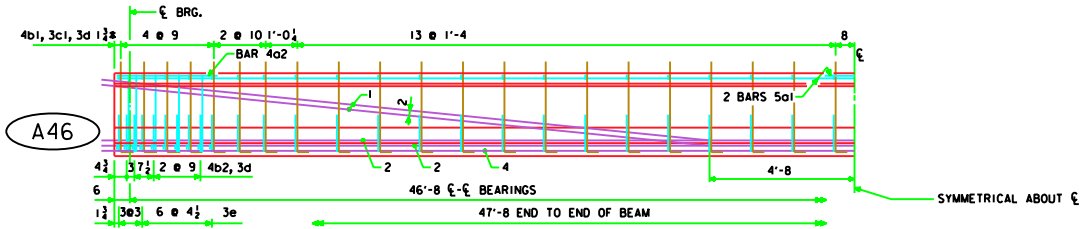
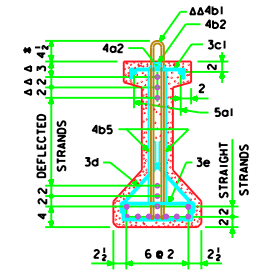
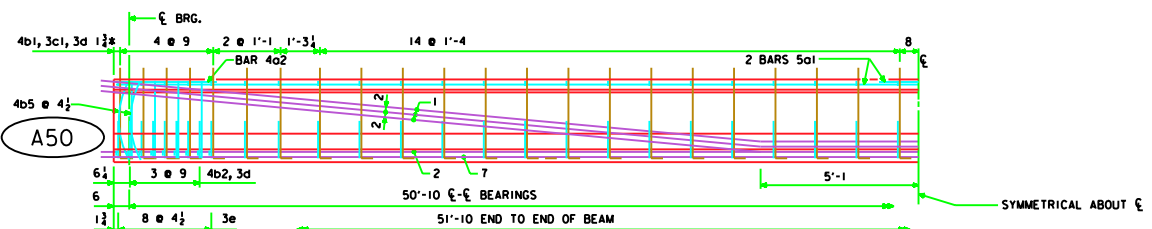


BEAM A42

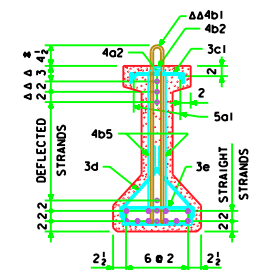
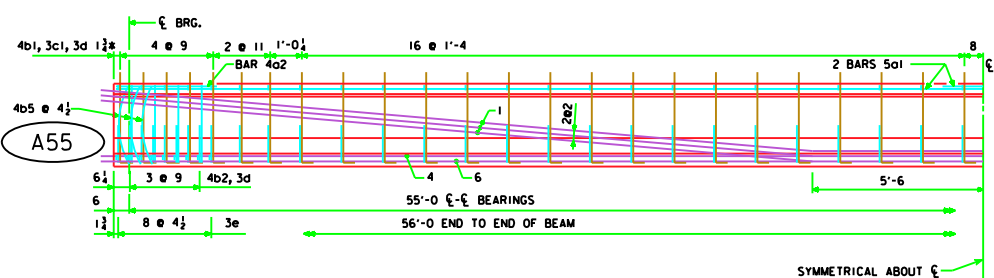
"A" BEAM
CROSS SECTION
A = 311.5 in²
Y_b = 14.05 in.
I = 34,082 in.⁴



BEAM A46



BEAM A50



BEAM A55

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

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

LATEST REVISION DATE	<i>Thomas E. McQuinn</i> APPROVED BY BRIDGE ENGINEER	 Iowa Department of Transportation Highway Division	
		STANDARD DESIGN - 30' ROADWAY, THREE SPAN BRIDGES	
		PRETENSIONED PRESTRESSED CONCRETE BEAM BRIDGES	
		DECEMBER, 2006	HL93 LOADING
		A BEAM DETAILS	