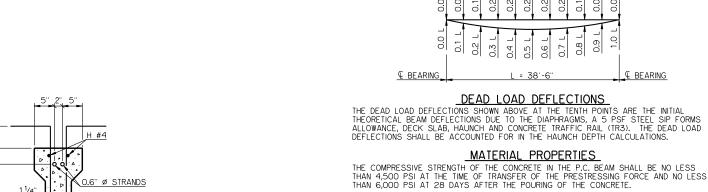


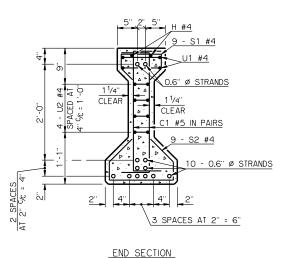
END VIEW



ENCASED BEAM PLATE
WITH WELDED STUDS AT 1'-0" OF BEAM ONLY 23/4" 53/4"_ ENCASED SOLE PLATE
WITH WELDED STUDS AT BOTH ENDS OF BEAM

END ELEVATION

END OF BEAM_



O.6" Ø STRANDS CLEAR CLEAR Z #5 IN PAIRS 10 - 0.6" Ø STRANDS \3 SPACES AT 2" = 6"

SECTION

BEAM SECTIONS

LFD OPERATING RATING - HS 32.8 THE LFD OPERATING RATING SHOWN ABOVE IS FOR THE P.C. BEAM ONLY AND APPLIES ONLY TO THE P.C. BEAMS OF A BRIDGE CONSTRUCTED IN STRICT CONFORMANCE TO ALL RELEVANT DETAILS CONTAINED IN THE COMPLETE SET OF COUNTY BRIDGE STANDARDS AND TO THE ODOT STANDARD SPECIFICATIONS.

THE TYPE OF PRESTRESSING STRANDS REQUIRED IN THE P.C. BEAM SHALL BE LOW

RELAXATION 7-WIRE STRAND WITH A NOMINAL DIAMETER OF 0.6 INCHES AND AN ULTIMATE TENSILE STRENGTH OF 270 KSI.

PPROVED BY BRIDGE ENGINEER Koleit & durch DATE **9-9-2011** OKLAHOMA DEPARTMENT OF TRANSPORTATION COUNTY BRIDGE STANDARD (ENGLISH) P.C. BEAM DETAILS TYPE B - 40' SPAN 26' CLEAR ROADWAY - CONVENTIONAL - SKEWED O' AND 30'