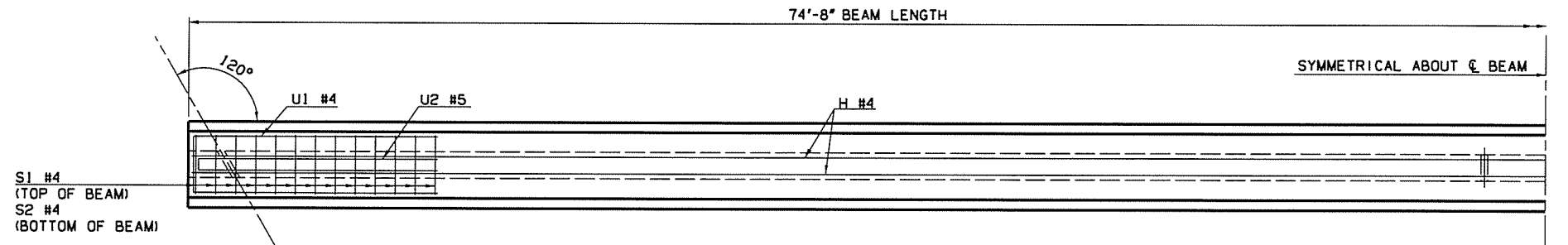
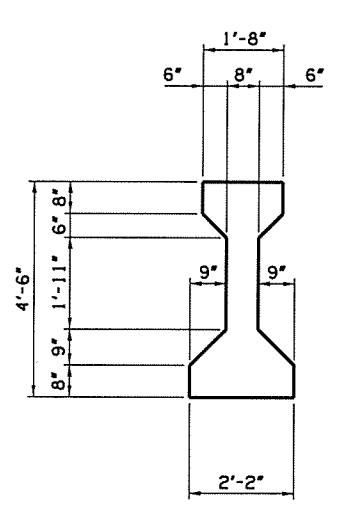


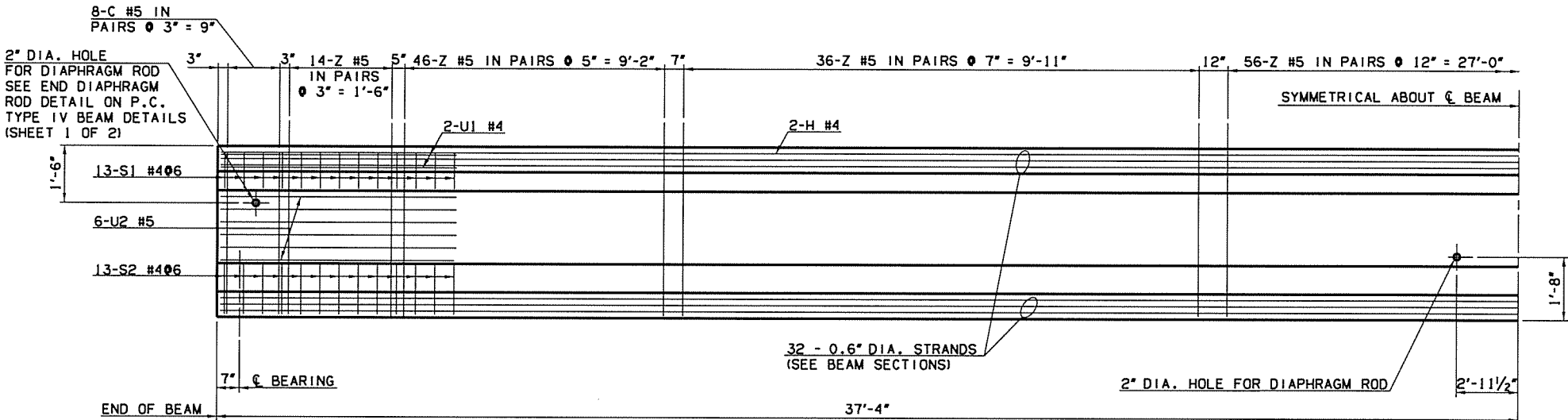
0001	STATE	J/P PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
8	OKLA	247501041		65	127



BEAM PLAN VIEW (SPAN 3)
SCALE: 1/2" = 1'-0"



(TYPE IV P.C. BEAM)
END VIEW
SCALE: 1/2" = 1'-0"



BEAM ELEVATION
SCALE: 1/2" = 1'-0"

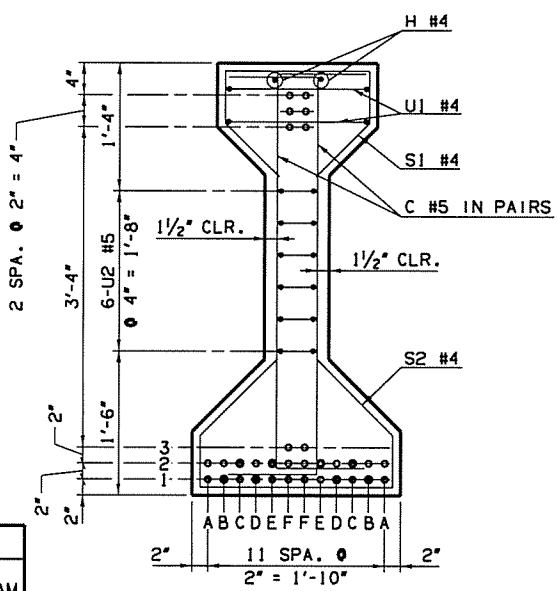
FOR BAR BENDS AND ADDITIONAL DETAILS SEE B40-C-PCB-DTL.

PRESTRESSED CONCRETE BEAM NOTES:

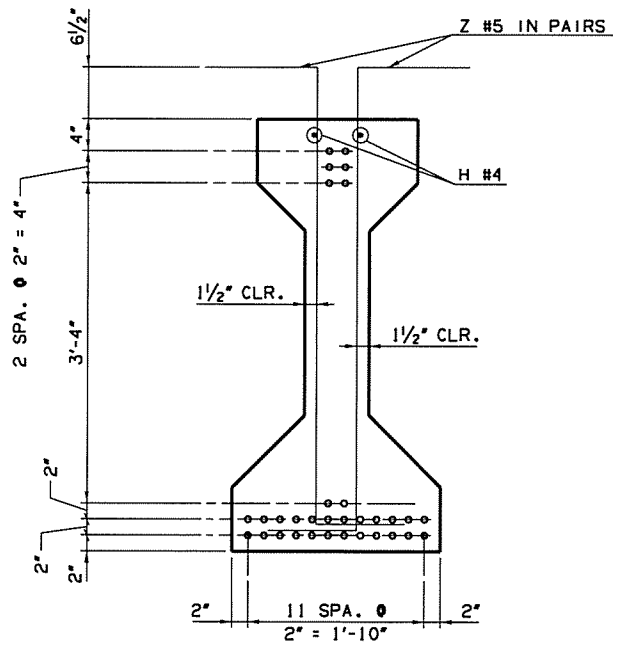
COMPRESSIVE STRENGTH
PROVIDE CONCRETE WITH A COMPRESSIVE STRENGTH OF 4,500 P.S.I. AT TRANSFER OF PRESTRESS AND 6,000 P.S.I. AT 28 DAYS.

STRAND TYPE
PROVIDE LOW-RELAXATION STRANDS HAVING A NOMINAL DIAMETER OF 0.6" WITH ULTIMATE TENSILE STRENGTH OF 270 K.S.I.

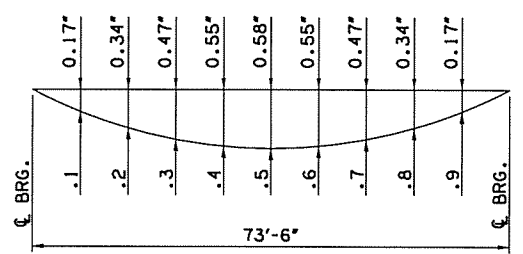
LRFR OPERATING RATING - 2.19
THE OPERATING RATING SHOWN IS BASED ON A NORMAL STRENGTH USING ONLY STRANDS THAT ARE BONDED FOR THE FULL LENGTH OF THE BEAM. ALL PARTIALLY BONDED STRANDS ARE NEGLECTED IN STRENGTH COMPUTATIONS.



END VIEW



SECTION



DEAD LOAD DEFLECTION DIAGRAM

NOTE:
THE DEAD LOAD DEFLECTION SHOWN ABOVE AT THE TENTH POINTS ARE THE INITIAL DEFLECTIONS DUE TO DECK SLAB + DIAPHRAGMS + HAUNCH + 42" F-SHAPED PARAPET. IT DOES NOT INCLUDE THE BEAM WEIGHT OR FUTURE WEARING SURFACE.

DEBOND SCHEDULE	
DEBOND PAIR	DEBOND LENGTH FROM END OF BEAM
B1	20'-0"
D1	8'-0"

BEAM SECTIONS
(32 - 0.6" DIA. STRANDS)

Design	AEJ	6/16	US 169 OVER HICKORY CREEK	NOWATA COUNTY
Drawn	WZB	6/16	BRIDGE A	
Checked	KAJ	6/16	P.C. TYPE IV BEAM DETAILS	
Approved	SAK	6/16	(SHEET 2 OF 2)	
Squad	BENHAM		Job Piece No. 247501041	Sheet No. 65