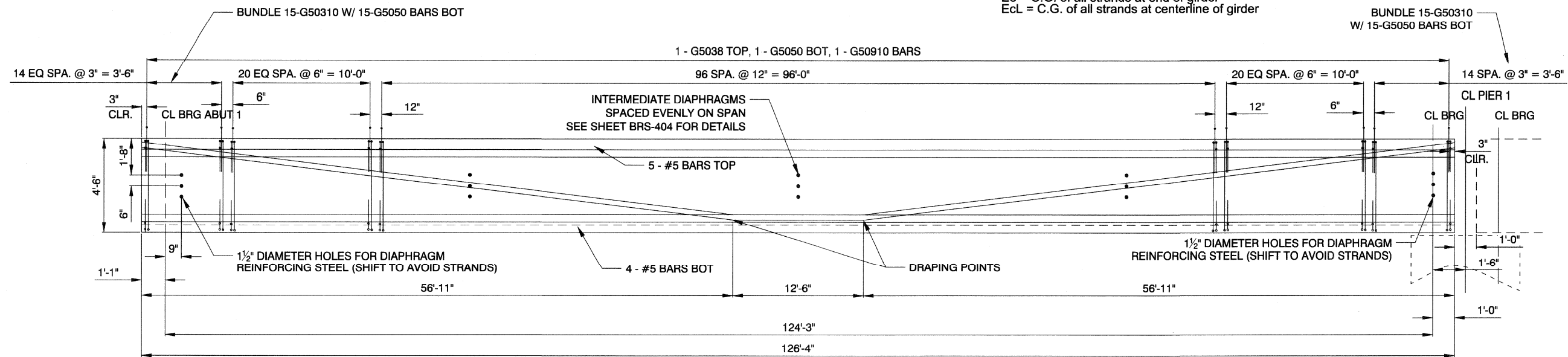


SPAN	GIRDER	SPAN LENGTH	PLAN LENGTH	Min. Concrete Compressive Strength (ksi)		HARPED		STRAIGHT		PRESTRESSING FORCE AFTER ALL LOSSES (KIPS)	Location of C.G. Strands		Camber (inch)	
				f _{ci}	f _c	NUMBER OF STRANDS	JACKING FORCE (KIPS)	NUMBER OF STRANDS	JACKING FORCE (KIPS)		E _e (inch)	E _{cl} (inch)	Ar	Ad
1	1 to 5	124'-3"	126'-4"	6.0	7.5	6	263.7	22	966.7	1014.1	11.31	3.38	1 3/8	2 1/4

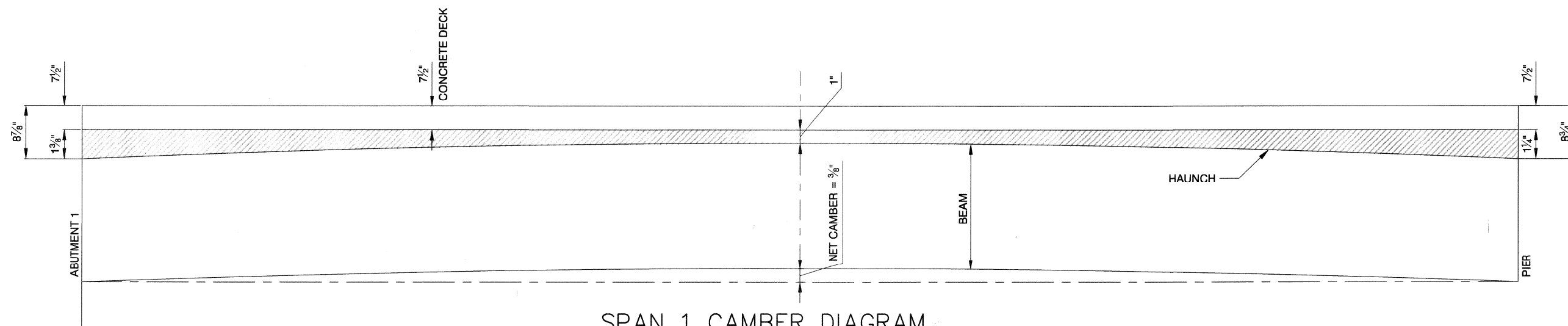
NOTE:
DEFLECTION DUE TO REMAINING DEAD LOAD (CONCRETE DECK CROSS FRAMES, BARRIERS ETC.) IS 1-7/8"

Ar = Girder camber At Release
Ad = Girder camber just before deck placement (45 days)
E_e = C.G. of all strands at end of girder
E_{cl} = C.G. of all strands at centerline of girder



SPAN 1 PRESTRESSING DIAGRAM
(NOT TO SCALE)

NOTES:
1. SEE SHEET BRS-505 FOR GIRDER SECTION



SPAN 1 CAMBER DIAGRAM
(NOT TO SCALE)

PREPARED BY CITY OF LAS VEGAS	DESIGNED BY: SHR DRAWN BY: AP CHECKED BY: AP	DATE: JANUARY 2018 SUBMITTAL STAGE: 100% FINAL	TITLE 90% SUBMITTAL AT SUMMERLIN PARKWAY PRESTRESSING DETAILS AND CAMBER DIAGRAM SPAN 1
PREPARED FOR CITY OF LAS VEGAS	BID# 17-48938	FEDERAL PROJECT NUMBER: CM-0003(180)	SHEET BRS-504 36 OF 86 DRAWING NO. 676-22