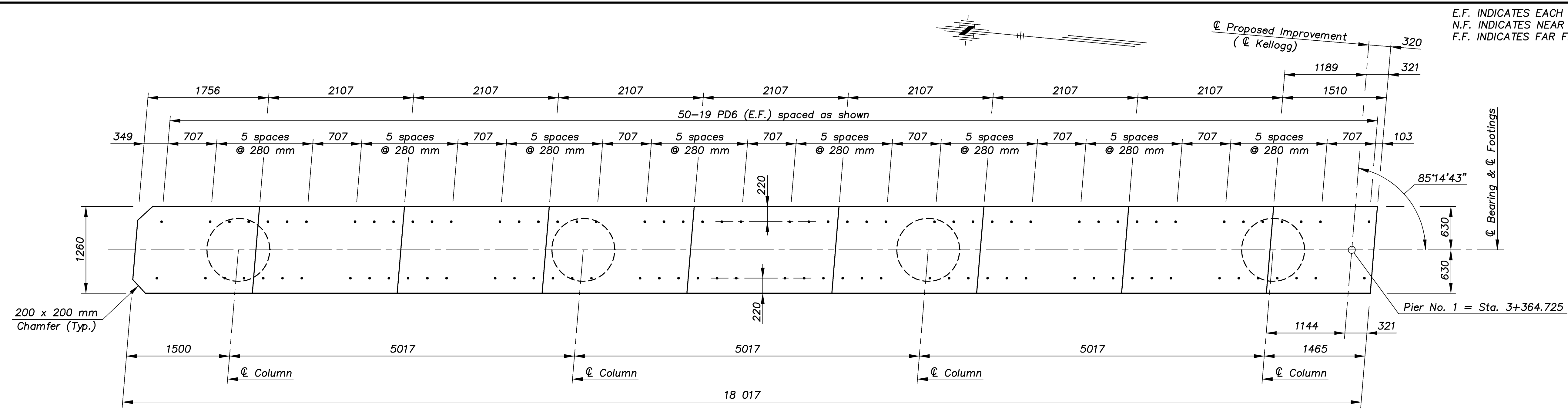
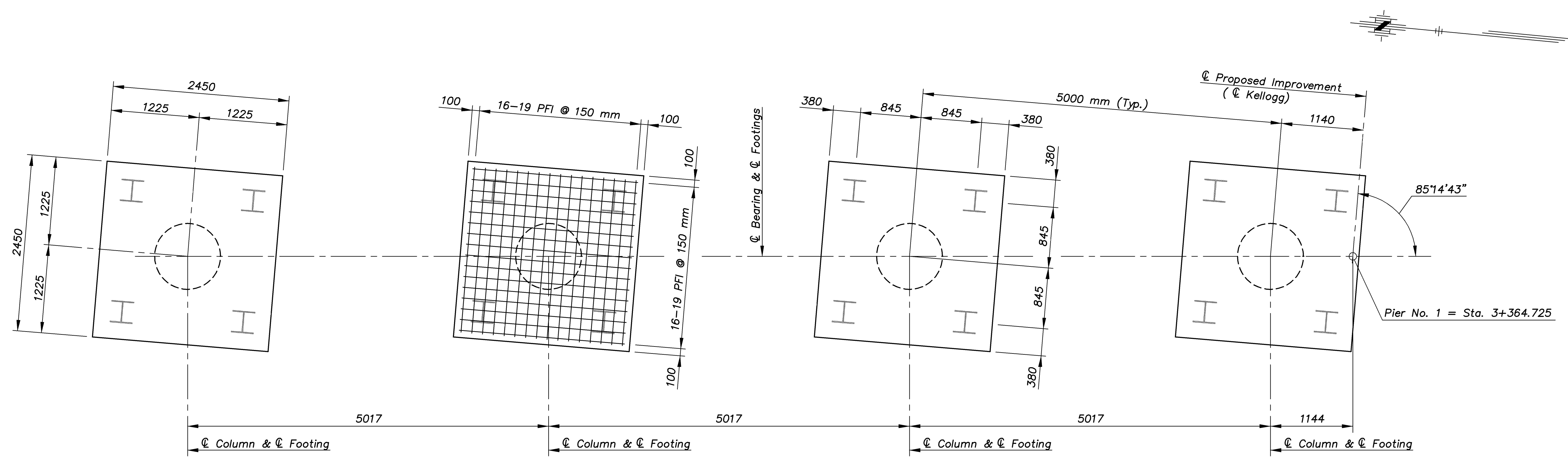


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	54-87 K-8258-01	2007	193	556

E.F. INDICATES EACH FACE.  
N.F. INDICATES NEAR FACE.  
F.F. INDICATES FAR FACE.



PLAN VIEW TOP OF PIER BEAM



FOOTING LAYOUT

DESIGN PILE PRESSURE: 610 kN per Pile  
Group III Loading

ALLOWABLE LOAD: 620 kN per Pile

1:100  
ARMOUR/PIER

KANSAS DEPARTMENT OF TRANSPORTATION  
BR. NO. 54-87-30.81(700) W.B. STA. 3+378.725

PIER DETAILS  
KELLOGG AVENUE OVER ARMOUR ROAD

Proj. No. 54-87 K-8258-01 SEDGWICK COUNTY

<b>CFS</b> Cook, Flatt & Strobel ENGINEERS, P. A.		DESIGNED R.S.C.	SCALE Varies
		DETAILED T.R.G.	DATE
QUANTITIES T.R.G.		SHEET 13 OF 39	