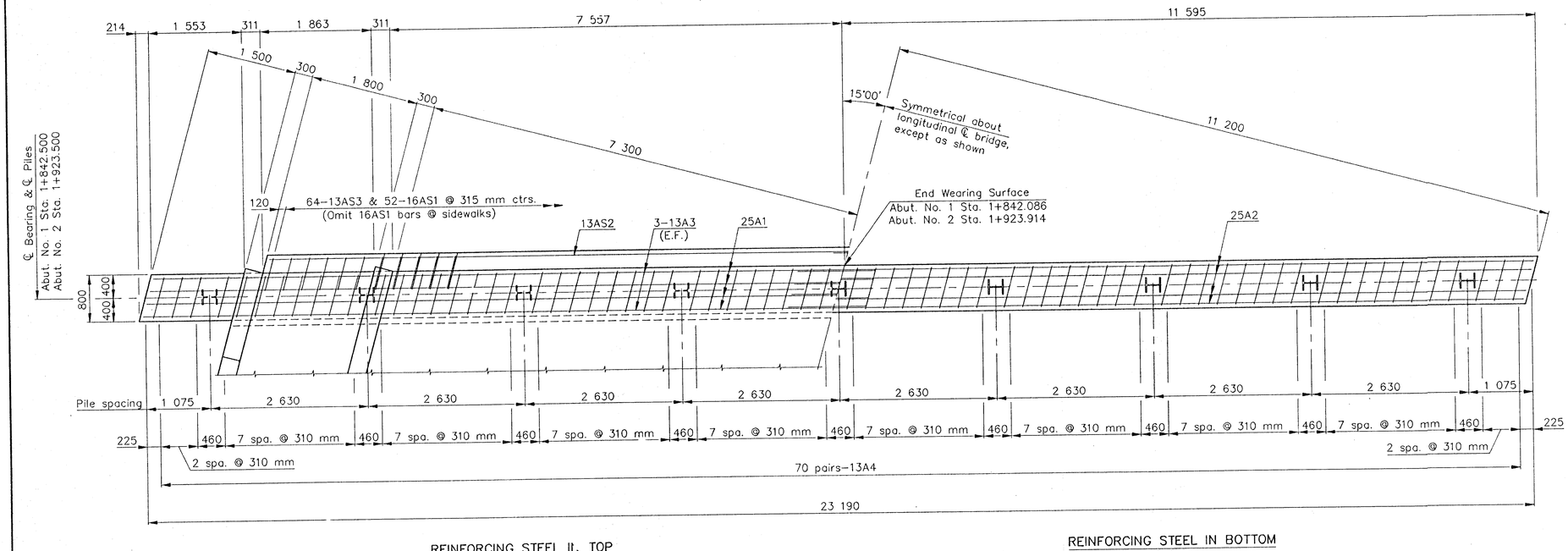
E.F. INDICATES EACH FACE
N.F. INDICATES NEAR FACE
F.F. INDICATES FAR FACE

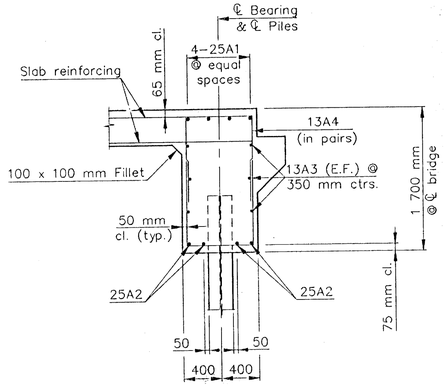
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0230-01	2003	26	73



REINFORCING STEEL IN TOP

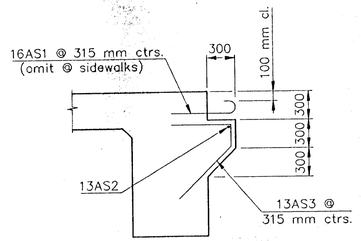
REINFORCING STEEL IN BOTTOM

PLAN OF ABUTMENT



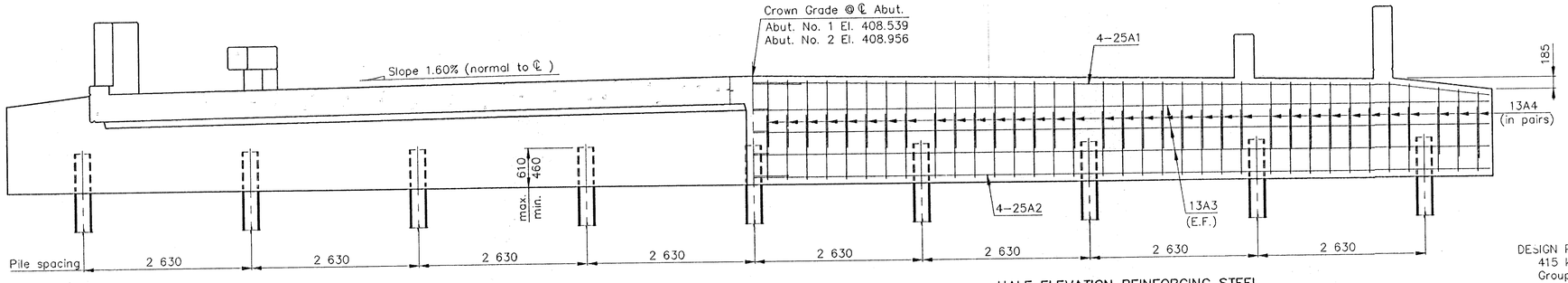
TYPICAL SECTION

(Perpendicular to abutment)



PAVEMENT SEAT DETAIL

(Perpendicular to abutment)



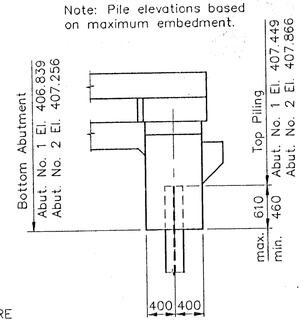
HALF ELEVATION

FRONT ELEVATION

HALF ELEVATION REINFORCING STEEL

DESIGN PILE PRESSURE
415 kN per Pile
Group I Loading

Note: Pile elevations based on maximum embedment.



END ELEVATION

PROJECT NO. 87 N-0230-01

ABUTMENT DETAILS

17TH STREET NORTH OVER COWSKIN CREEK

Cook, Flatt & Strobel
ENGINEERS, P.A.

DESIGNED RSC | SCALE

\DGS\ABUT 1:40 (1:.04)