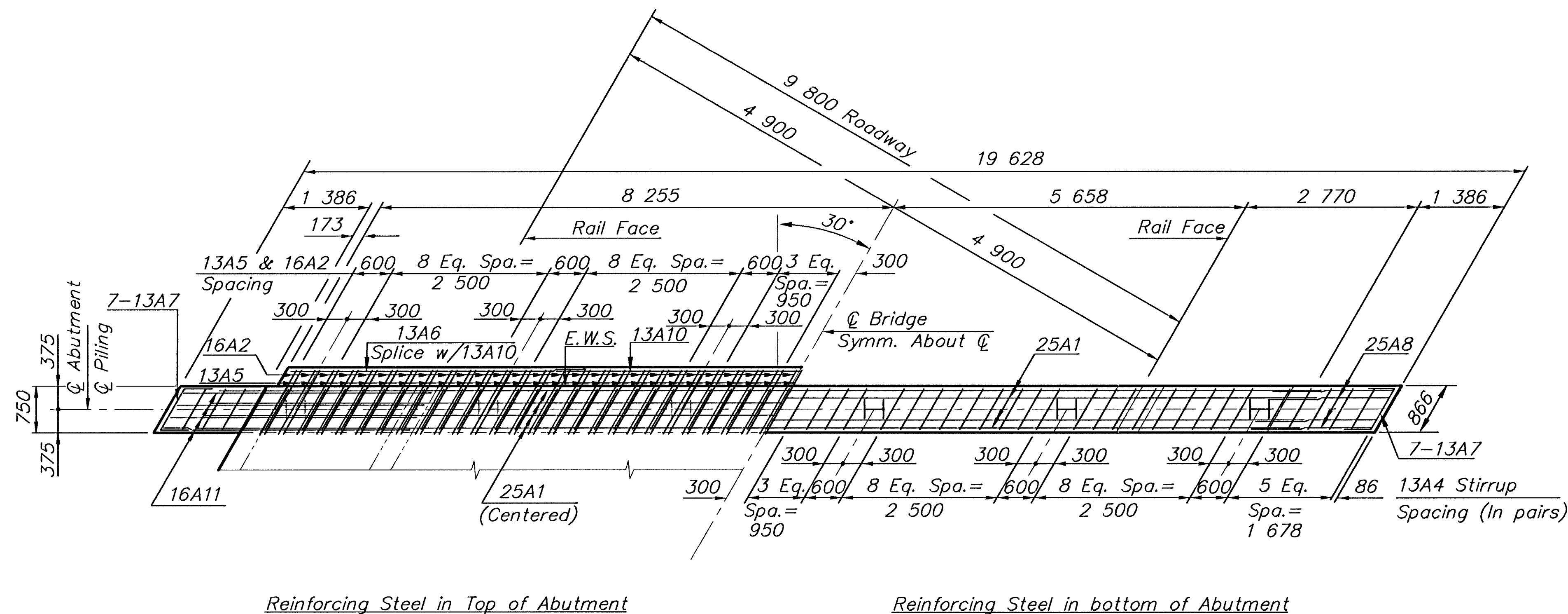


FHWA REG. NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0088-01	1999	11	38

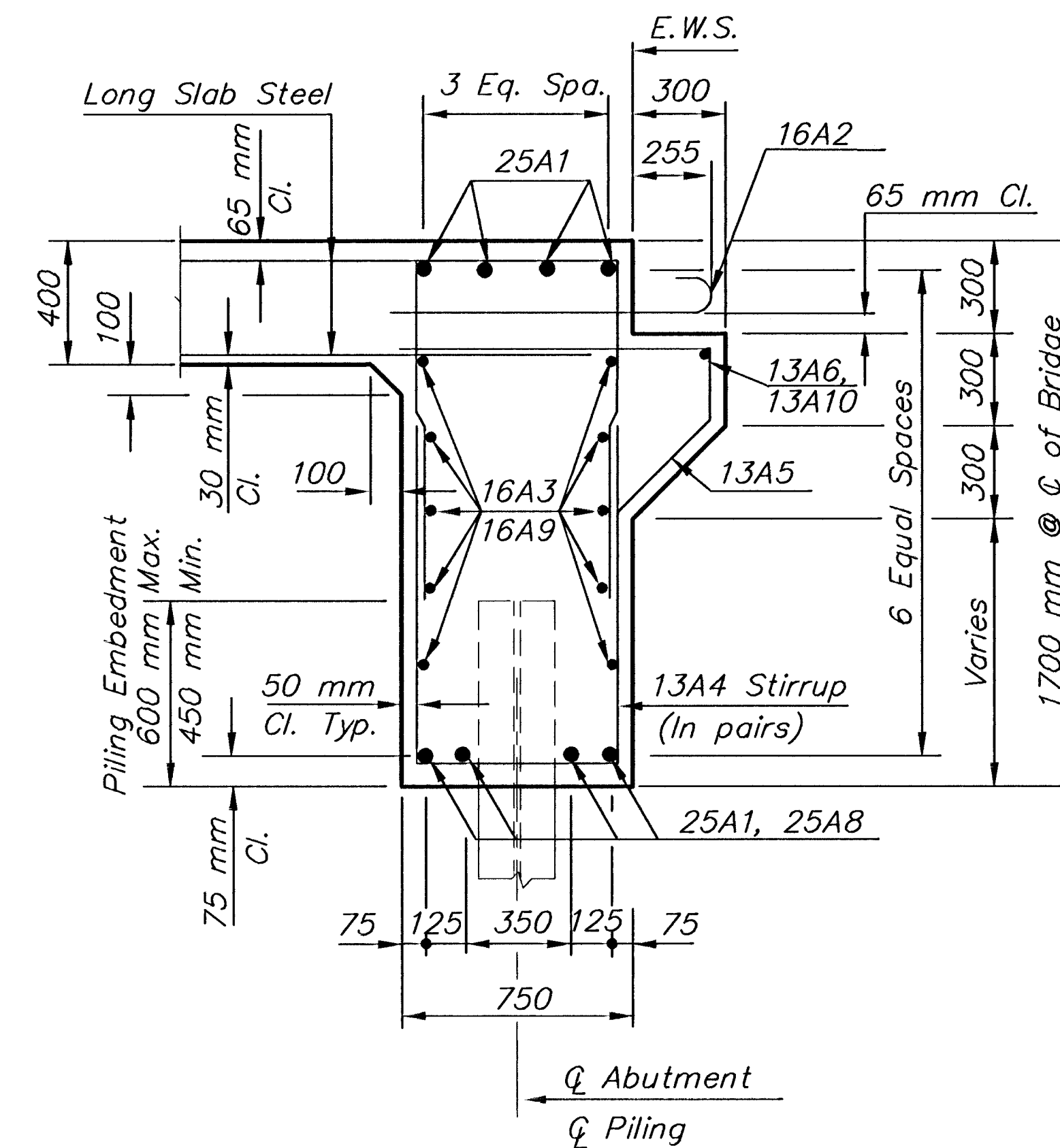
DATE	BY	REFERENCES NOTED	REFERENCES CHECKED



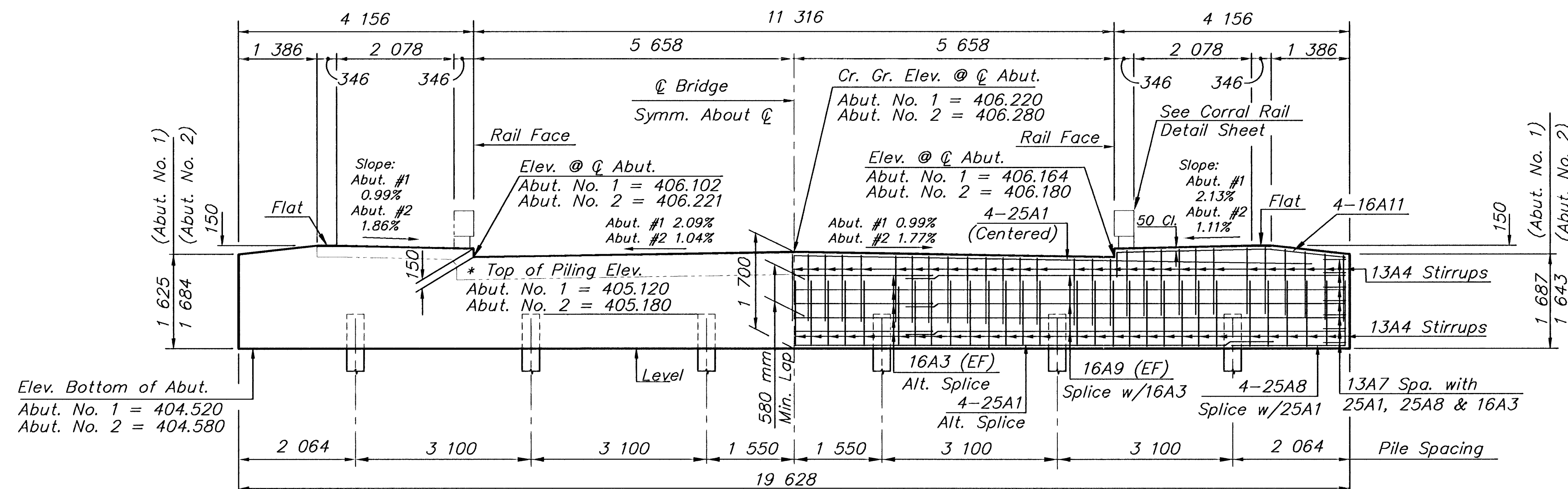
Reinforcing Steel in Top of Abutment

Reinforcing Steel in bottom of Abutment

PLAN



TYPICAL SECTION
Shown Perpendicular to E.W.S.



ELEVATION

(Along \bar{C} Abutment, Looking Forward Station)

Elev. Bottom of Abut.
Abut. No. 1 = 404.520
Abut. No. 2 = 404.580

* Top of piling elevations are based on 600 mm maximum embedment.

ABUTMENT PILE LOADING

Design	Allowable
Group I Loading 493 kN/Piling	500 kN/Piling

NOTE: See "Rail Details" for additional reinforcing to be placed in abutment.

Adjust stirrups to avoid conflict with rail bars.

LEGEND

EF = Each Face

KANSAS DEPARTMENT OF TRANSPORTATION	
BR. NO. 530400870GC1020	STA. 1+450.20
ABUTMENT DETAILS	
(Eastern Street over Gypsum Creek)	
PROJ. NO. 87 N-0088-01	SEDGWICK CO.
MID-KANSAS ENGINEERING CONSULTANTS, INC.	
WICHITA, KANSAS	
DESIGNED BY: KJS, PDF	CHECKED BY: MDK
DRAWN BY: DPG	DATE: 11-19-98 SHEET OF