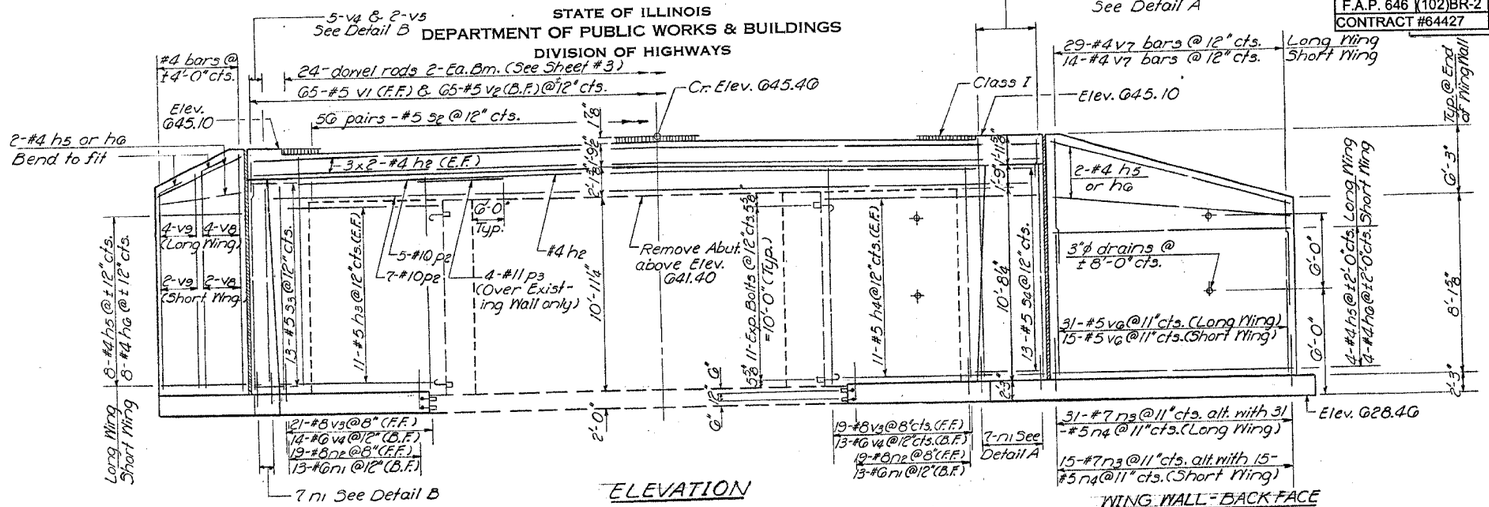
ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 646	(102)BR-2	WHITESIDE	69	50
CONTRACT #64427				

SHEET NO. SHEETS

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS



ELEVATION

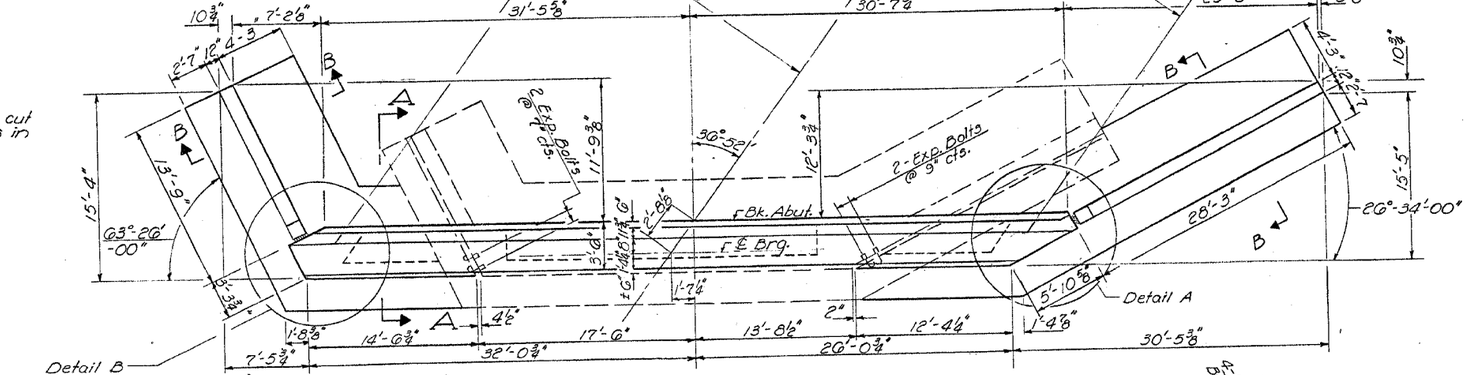
WING WALL - FRONT FACE REINFORCEMENT

WING WALL - BACK FACE REINFORCEMENT

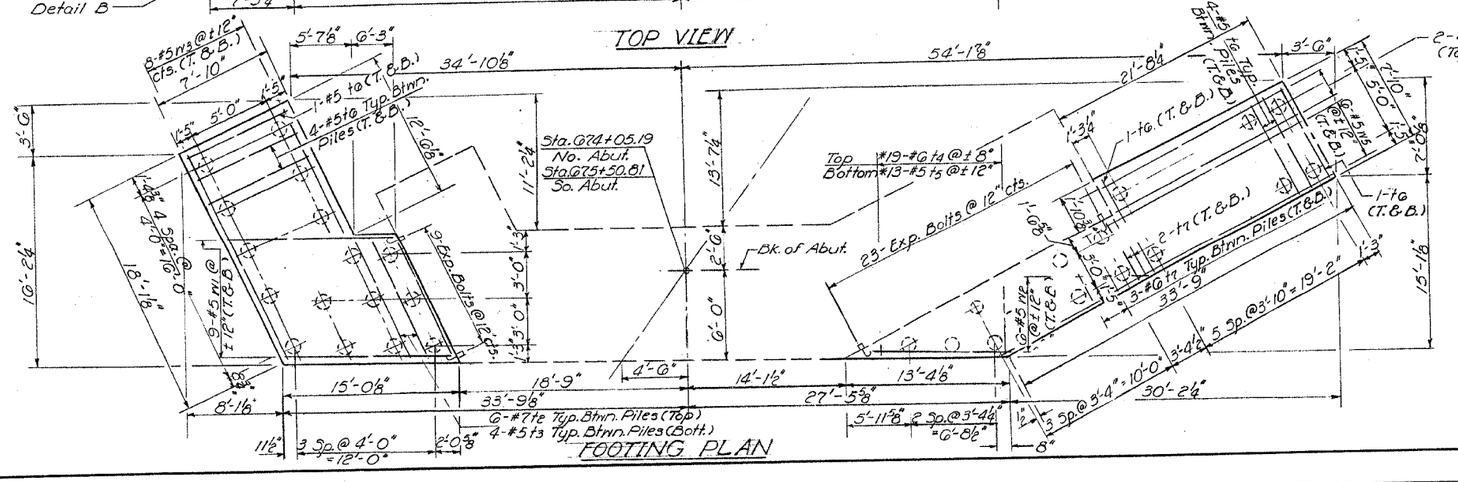
PILE DATA

Type Untreated
Capacity 20 Tons
Est'd. Length 30' (N. Abut.) 35' (S. Abut.)
No. Req'd. 38 (N. Abut.) 37+1 test pile (S. Abut.)

* Order ta and ts bars full length, cut to fit and use remainder of bars in the other abutment.



TOP VIEW



FOOTING PLAN

Notes:
Work this sheet with Sheet #8.
All reinforcement bars in Footing shall be spaced to miss piles.
Expansion Bolts shall consist of self drilling inserts and ¾"ø hooked bolts imbeded a min. of 9" into new concrete.

DESIGNED	Stanley Shim, Fai Lin
CHECKED	R.W. Mattmuller
DRAWN	Jacobs
CHECKED	R.W. Mattmuller

EXAMINED May 13 1970
ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
PASSED H.E. Bunnemann ENGINEER OF DESIGN
APPROVED Richard H. Mellerman CHIEF HIGHWAY ENGINEER

ABUTMENTS
S.B.I. RT. 88 SEC. 102BR
WHITESIDE COUNTY
STA. 674+78