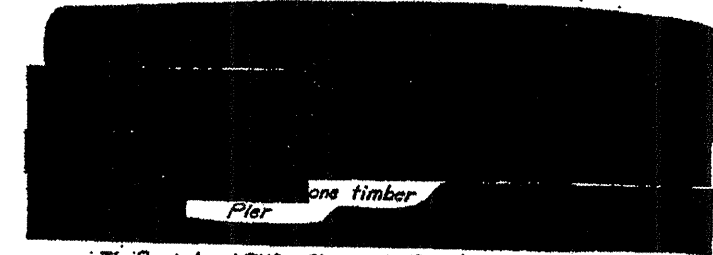
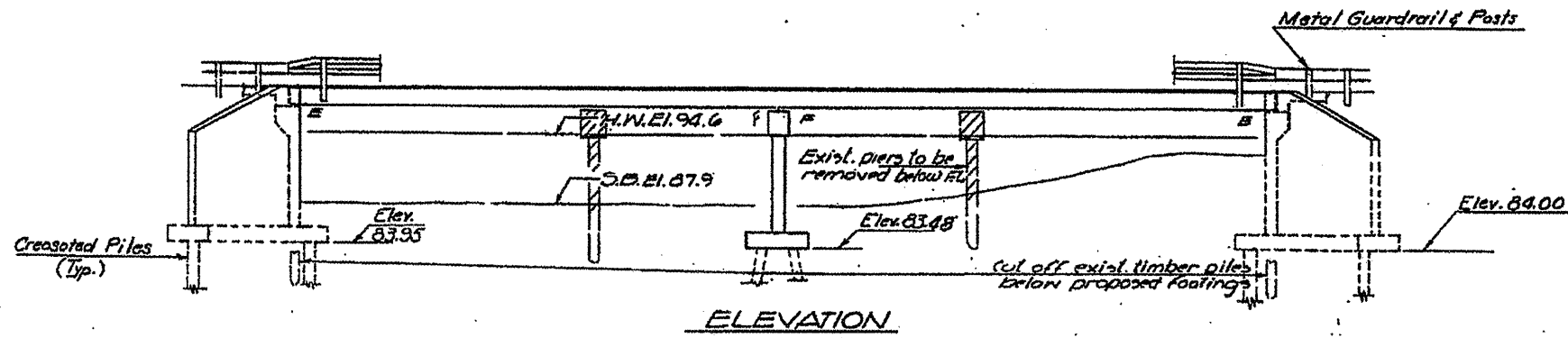


3.M. Top of bolt on N. side of wood guard rail pile
 2.W. corner of bridge pointed orange-red E1.100.00
 Exist. Structure - Sta. 262+40 Built 1957 on S.A. 12, F.A. 108
 Sec. 29B-1-15d. Superstructure - Cont. W.F. beam.
 Substructure - Conc. Cap Pier on timber piles and conc. abut on timber piles,
 to be removed by Contractor at time of construction
 No Salvage
 Temp. bridge - Detour run around at job site.

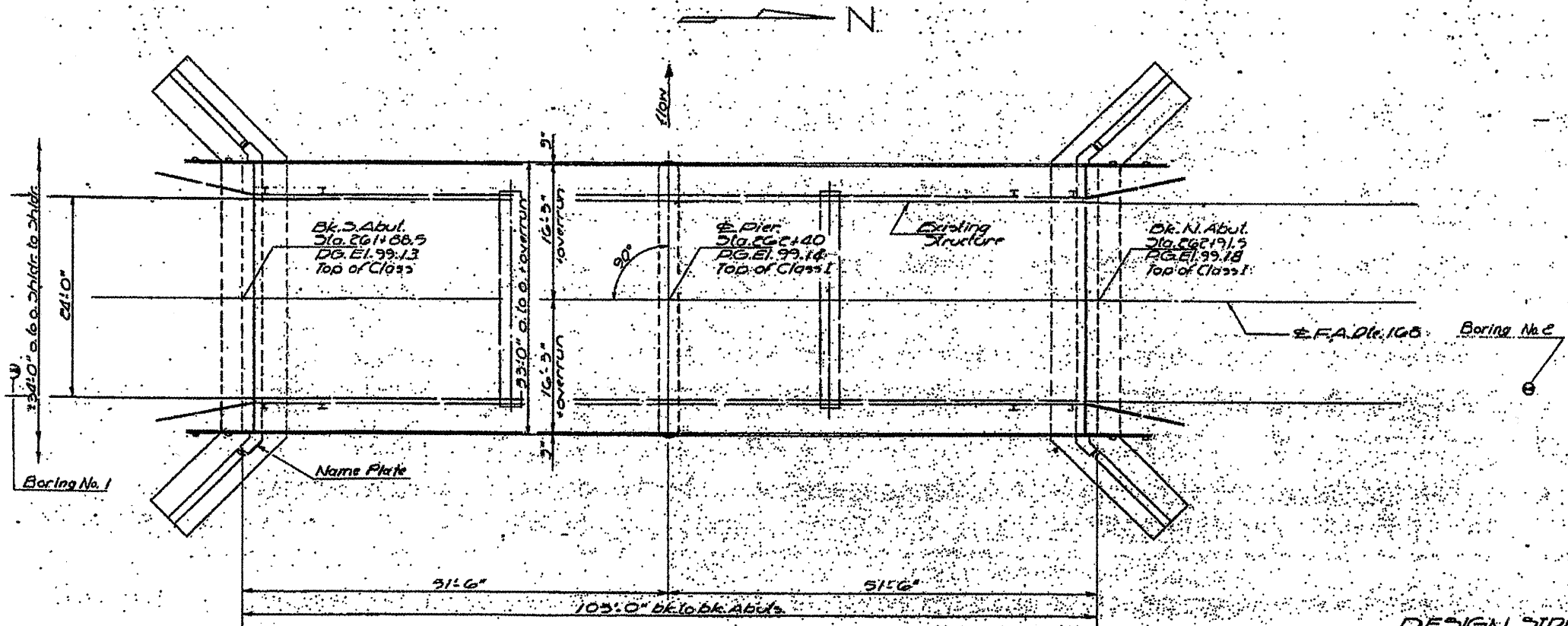
STATE OF ILLINOIS

ROUTE NO.	SECTION	PROJECT	TOTAL SHEETS	SHEET NO.
168	29B	WOODFORD	12	5
SHEET NO. 1		6 SHEETS		



The Basic Lead Silico Chromate Paint System shall be used for shop painting of structural steel.
 The back of the abutment wall and the back of wing wall shall be waterproofed from top of footing to 6" below grade line.

FOR INFORMATIONAL PURPOSES ONLY



TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.	Total
Class X Concrete	Cu. Yds.		1969	1969
P.P.C. Deck Beams (21")	Sq. Ft.	3293		3293
Steel Railing Type N	Lin. Ft.	200		200
Reinforcement Bars	Lbs.		13,100	13,100
Removal of Existing Structures	Each		1	1
Coal Tar Underlayer Protective Coat	Sq. Yds.	575		575
Bituminous Concrete Surf. C.C.T.	Tons	57		57
Structural Steel	Lbs.	2700		2700
Crested Piles (20" to 38")	Lin. Ft.		1782	1782
Cast Piles (Timber)	Each		1	1
Structure Excavation	Cu. Yds.		60	60
Name Plates	Each		1	1
Preformed J.L. Sealer 26"	Lin. Ft.	66		66

* This includes cutting off existing timber piles in the existing abut. below proposed abut. footing.
 Excavation for abutments shall be incidental to removal of existing structures.

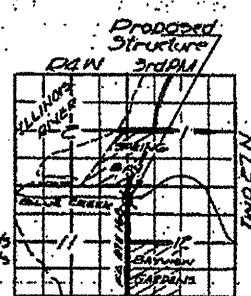
DESIGN STRESSED

FIELD UNITS
 f_c = 1400 psi - Super
 f_c = 1000 psi - Sub.
 f_s = 20,000 psi - Rein
 f_s = 75 psi - Footings
 n = 10

PRECAST PRESTRESSED UNITS
 f_c = 5000 psi
 f_c = 4000 psi
 f_s = 240,000 psi - 7/8" strands
 f_s = 1,73,600 psi - 1/2" strands
 Allow 25% d for fut. W.S.

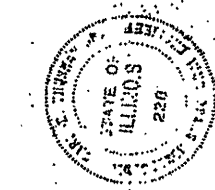
WATERWAY INFORMATION

Drainage Area --- 6261 Acres
 Character ---
 Present Opening --- 2600 Sq. Ft.
 Req'd. Opening --- 5300 Sq. Ft.
 Prop. Opening --- 5300 Sq. Ft.
 Clear --- 5700 cfs
 Created Head --- .05'



LOCATION SKETCH

E.A. RT. 108 OVER
 BLUE CREEK
 F.A. ROUTE 108
 SECTION 29BR
 WOODFORD COUNTY
 STATION 262+40



DESIGNED *Sal. Galani*
 CHECKED *W. H. H.*
 DRAWN *F. Coffin*
 CHECKED *S.F. W.H.*

EXAMINED *W. H. H.*
 PASSED
 APPROVED

SEPTEMBER 15, 1971

STATION 262+40
 BUILT 1957 BY
 STATE OF ILLINOIS
 F.A. RT. 108 SEC. 29BR.
 LOADING HS 20

NAME PLATE
 See Std. 2113