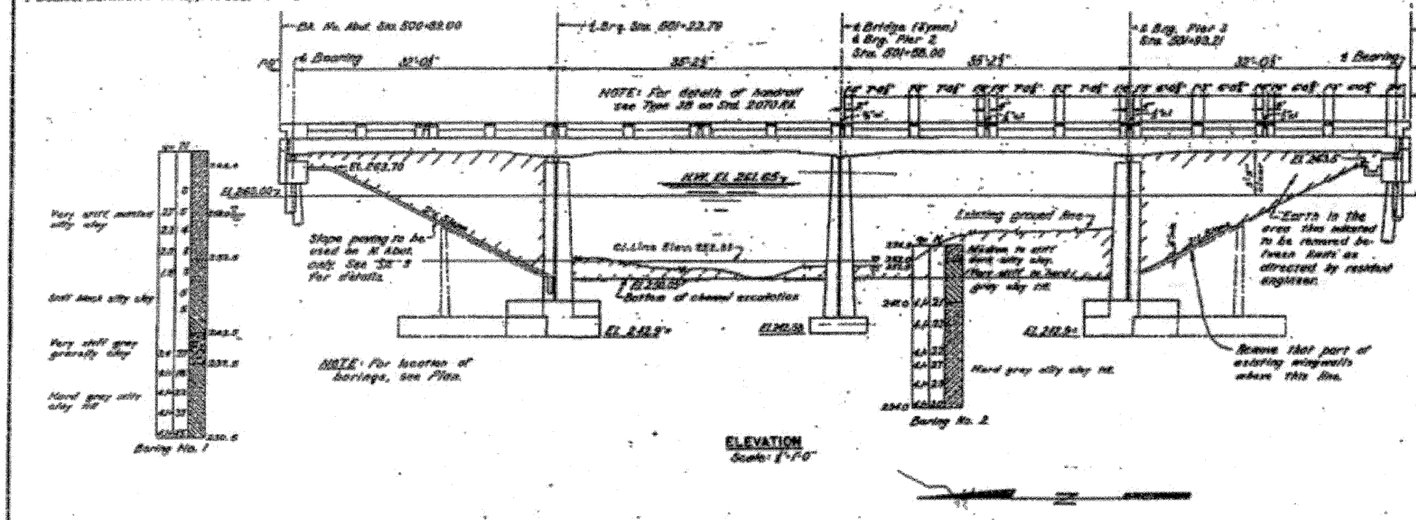
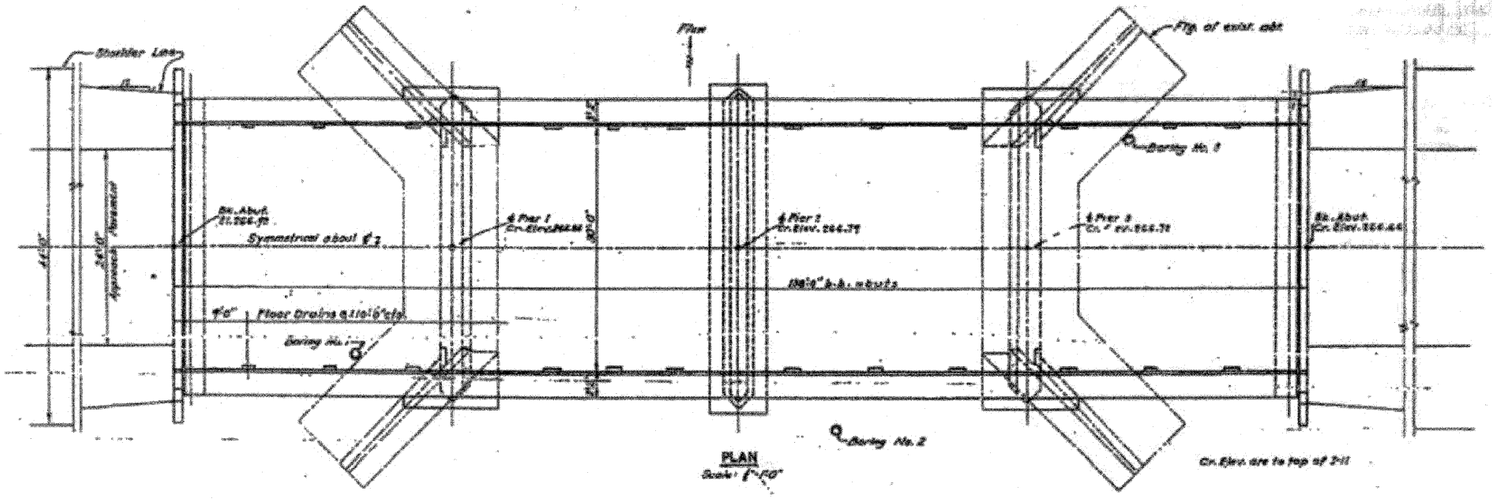
S.M. Old square cut in top of N.W. wing-wall. Elevation 266.40'
Existing structure: 70' pony truss, 21' roadway on R.C. abutments. Contractor to remove truss and portions of abuts. and wing prior to construction. Salvage trusses & I-beams. Estimated Wt.: 81,000 Lbs.

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

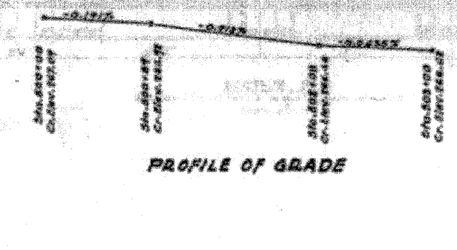
					SHEET NO. 1
S.B.I.-47	20	County	34	27	5 SHEETS
F.A.	326				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	F-204(5)		



ELEVATION
Scale: 1"=10'



PLAN
Scale: 1"=10'



PROFILE OF GRADE

GENERAL NOTES

The "Standard Specifications for Road and Bridge Construction" adopted January 2, 1962 shall be used.

Class X concrete shall be used throughout except in handrails and piers.

Class A concrete shall be used in piers.

Handrail concrete shall be used in handrails.

The concrete floor slab shall be finished in accordance with the applicable provisions of Section 29, Std. Specs.

Slope wall shall be reinforced with welded wire fabric 6"x6" mesh, #4 wires, weighing 58 lbs. per 100 sq.ft.

Layer of slope walls and gutters may be varied to suit ground conditions in the field, as directed by the Engineer.

All rollers, bearing plates, keel plates, and anchor bolts shall be fabricated and set in accordance with Article 606.07 of the Standard Specifications and are included for payment as Structural Steel.

The contractor shall drive 2 test piles for preliminary location as directed by the Engineer before casting remainder of piles.

The channel shall be excavated to the cross section shown as the ground elevation. The excavated material shall be disposed of as directed by the resident engineer.

Broken concrete removed from the existing structure shall be used as rip rap at the base of the fill in front of the south abutment as directed by the resident engineer.

Boring data are shown on the drawing only as a guide to bidders in estimating soil conditions which may be encountered in the work.

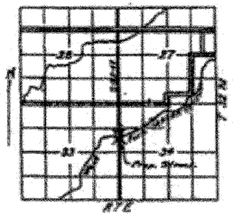
The letter "N" given in the boring log refers to the number of blows required to drive a split barrel sampler given 1 ft. I.D. and 2" O.D. a distance of 1 ft. with a 140 lb. dropped from a height of 12 inches.

Structural steel shall receive one shop coat of red lead paint and two field coats of aluminum paint. All paint shall be furnished by the Contractor.

TOTAL BILL OF MATERIAL

Item	Unit	Sub.	Total
Class X Concrete	cu. yd.	42.3	311.2
Class A Concrete	cu. yd.	271.0	271.0
Handrail Concrete	cu. yd.	6.6	6.6
Concrete Removal	cu. yd.	520	520
Reinforcement Bars	lbs.	31700	31700
Structural Steel	lbs.	8336	19700
Concrete Piles (10")	ea.		191
Concrete Test Piles (10")	ea.		3
Piles & Excavation	cu. yd.		22
Piles & Encasement	cu. yd.		210
Channel Excavation	cu. yd.		4300
Removal of Truss Span	each	1	1
Slope Wall	sq. yd.		222
Temporary Bridge Campsite	Lp.		1
Transporting Salvaged Truss Span			160
Expansion Bolts	ea.		16
Name Plate	ea.	1	1

DESIGNED	A.Kostelecky	J.W.B.	Feb 17 19 54
CHECKED	W.D.F.		
DRAWN	W.E.Hansen		
CHECKED			



STATION 501+58
BUILT IN BY
STATE OF ILLINOIS
S.B.I. RT. 47 SEC. 119-BY
PROJ. F-204(5)
LOADING H20-S16

LETTERING FOR NAME PLATE
See Standard 7113

WATERWAY INFORMATION

Drainage Area	32.000 Acres
Character	Level, Rolling, Cultivated
Required Opening, (50 yr. Flood)	1000 sq. Ft.
Present Opening	592 sq. Ft.
Proposed Opening	1000 sq. Ft.

DESIGN STRESSES

f_c = 1400 psi	Superstructure
f_c = 800 psi	Substructure
f_s = 20000 psi	Reinforcing
n = 10	

H20-S16-44 Loading

PROJ. F-204(5)
GENERAL PLAN & ELEVATION
S.B.I. RT. 47 SEC. 119-BY
GRUNDY CO.
STA. 501+58

FILE NAME =	USER NAME = $USER$	DESIGNED -	REVISED -
H:\jeff delete\26054.004_graser\Technical Production\Civil\sheets03.dgn		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 8/8/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLAN
FOR INFORMATION ONLY

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	119 BR-2	GRUNDY	52	41
		CONTRACT NO. 66688		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		