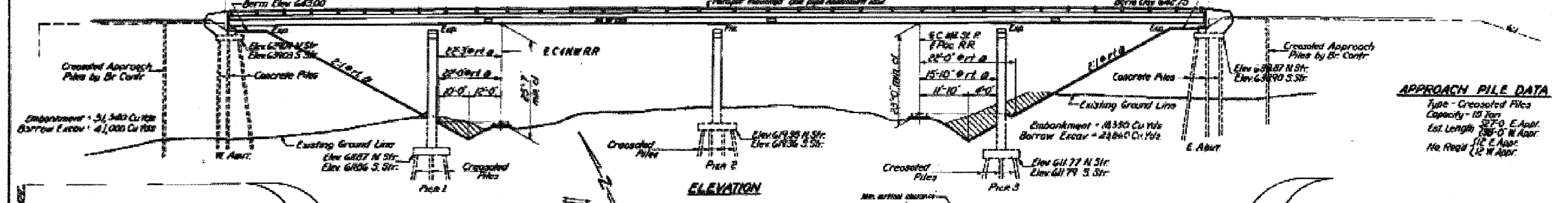


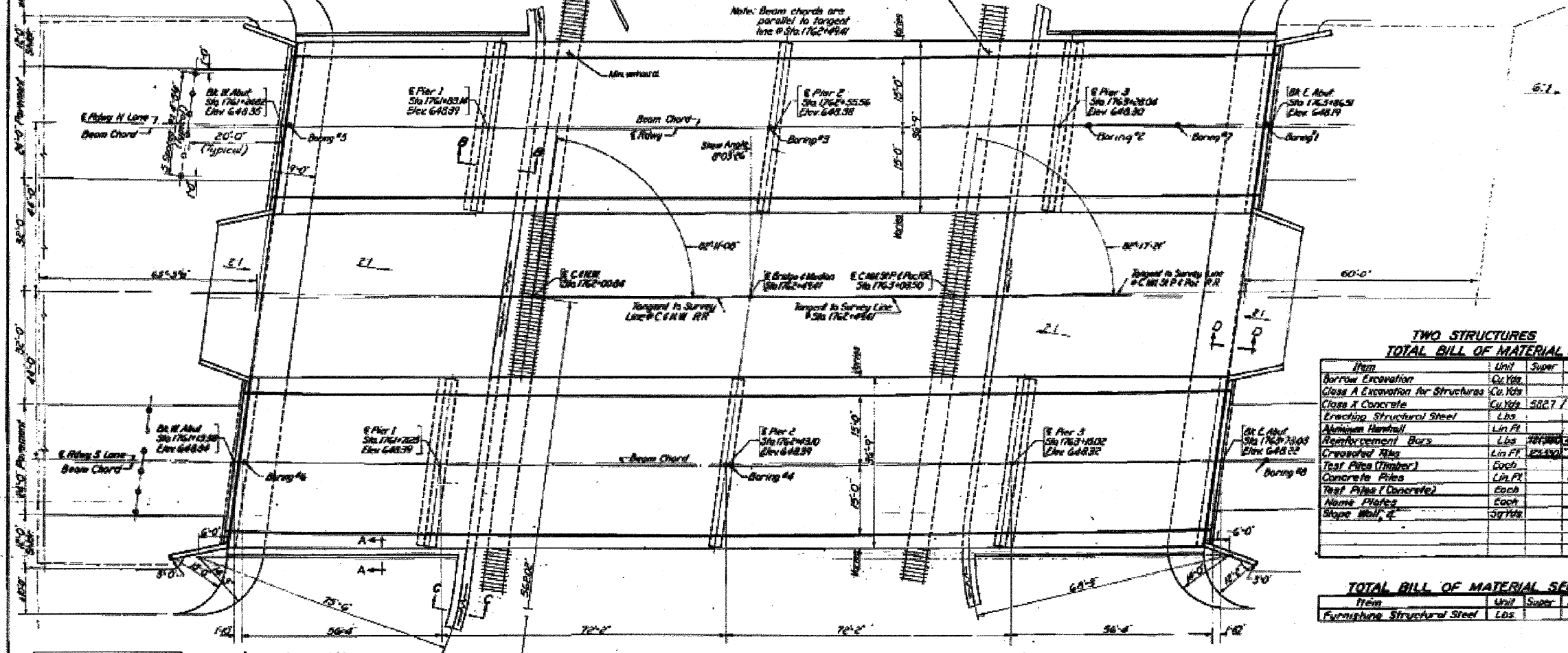
B.M. 94 3/4" iron pipe 107 feet South of Sta 176+50.0 109 feet East of a railroad right of way fence 0.5 ft North of an East-West fence Elev 647.36

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS
240'-0" Br-RR Abut (Along Bridge Chords)

PROJECT NO.	206713	BUREAU	43	17
PROJECT NAME	80144-777		14	9



APPROACH PILE DATA
Type - Crossed Piles
Capacity - 10 tons
Est. Length - 10'-0" N. Abut.
12'-0" S. Abut.
No. Piles - 12 N. Abut.
12 S. Abut.



**TWO STRUCTURES
TOTAL BILL OF MATERIAL SEC 06-71B**

Item	Unit	Super	Sub	Total
Borrow Excavation	Cu Yds			490
Class A Excavation for Structures	Cu Yds			490
Class X Concrete	Cu Yds	5827	6237	12064
Erecting Structural Steel	Lbs			306,000
Aluminum Hardware	Lin Ft			10,547
Reinforcement Bars	Lbs	20,000	20,000	40,000
Crossed Piles	Lin Ft	25,100	3,750	28,850
Test Piles (Timber)	Each			2500' 2500'
Concrete Piles	Lin Ft			2500' 2500'
Test Piles (Concrete)	Each			2' 2'
Name Plates	Each			2
Slope Wall, E.	Sq Yds			2100

TOTAL BILL OF MATERIAL SEC 06-71E

Item	Unit	Super	Sub	Total
Furnishing Structural Steel	Lbs			306,000

DESIGNED M. J. ...
CHECKED ...
DRAWN J. L. Armstrong
CHECKED G. F.

DATE APR 20 1961
SCALE 1/8" = 1'-0"
PLOT SCALE = 50.2638' / IN.
PLOT DATE = Sep 07, 2009 - 01:38:11 PM

NOTE: For Sec. A-A & Sec. B-B & Sec. C-C. See Sheet #2

DESIGN STRESSES
f_c = 1400 psi Super & Sub
f_s = 75 ksi
f_t = 2000 psi
f_v = 2000 psi
LOADING H-20-S16-44 ALTERNATE

PROJ ETC-2(13)69
GENERAL PLAN & ELEVATION
CENW RR-CANW RR
FAIRBANKS ST-05116
BUREAU COUNTY
STA 176+49.4

**06-[7BR&R-1,7VB-M,6BR&6.7 RS-1 & 1