

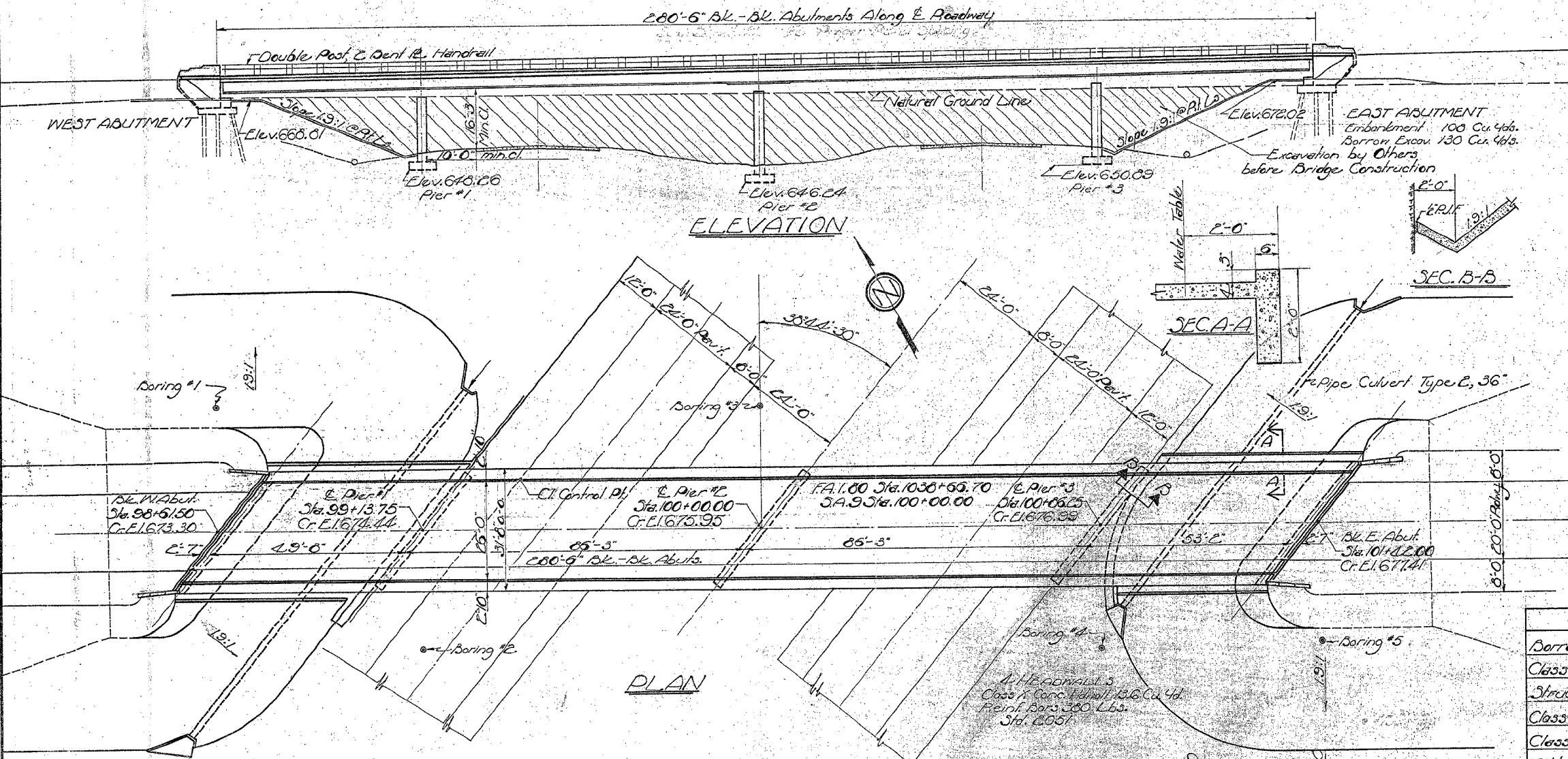
D.M. No. 2.0 Concrete Monument Opposite Sta. 1038+4.5
 165' Southeast of Centerline L.O. 3' North of Centerline
 of Paved Road in the East-West Fence Line.
 No Existing Structure.

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

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 244	(06-4HB-1)D	BUREAU	33	21
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT: I-80-2(21)51		

SHEET NO. 1

11 SHEETS



GENERAL NOTES

Class X Concrete shall be used throughout.
 Coarse aggregate used in wingwalls shall be free of chert, flint, limonite, lignite and soft sandstone.

The concrete floor slab shall be finished in accordance with Article 5119 of the Standard Specifications.
 Slope wall shall be reinforced with welded wire fabric 6" x 6" mesh, #4 wires, weighing 56# per 100 sq. ft.
 Rivets 2" φ, open holes 3/8" φ, unless noted.

All Structural Steel shall conform to the A.S.T.M. Specifications A-36.
 All rollers, bolsters, bearing plates, lead plates, pinles and anchor bolts shall be fabricated and set in accordance with Article 5115 of the Standard Specifications and are included in quantity of Structural Steel. Est'd Weight = 7670 lbs.
 Anchor bolts shall be set before riveting diaphragms over supports.

All steel handrail posts shall be vertical.
 Except as otherwise provided, all structural steel shall receive one shop coat of red lead paint and two field coats of aluminum paint. See Articles 55.1 to 55.5 inclusive of the Standard Specifications.

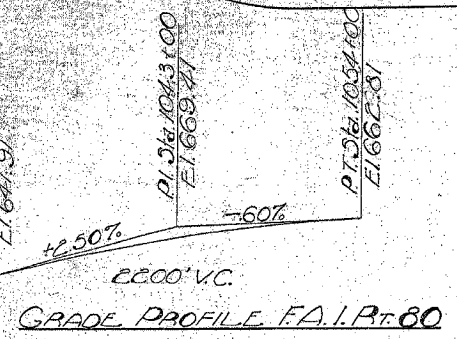
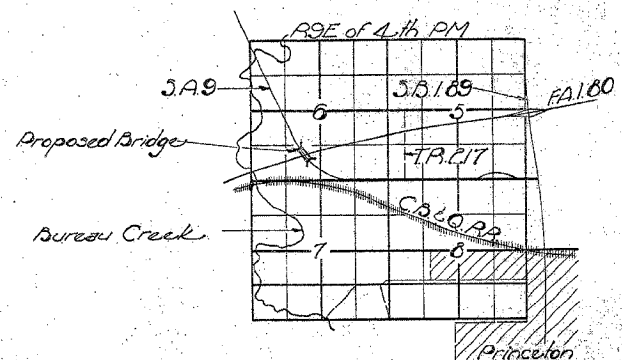
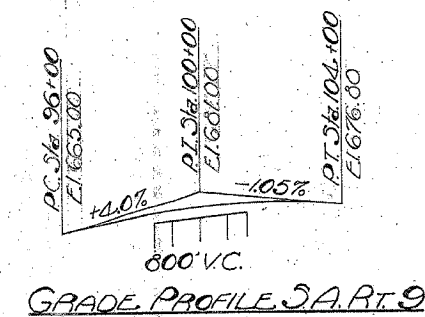
All paint shall be furnished and applied by the Contractor.
 All steel plates and beams for which cover shall be provided shall conform to the Specifications for Structural Steel Reinforcing A.S.T.M. Specifications A-36.

The Contractor shall drive 2 test piles in permanent locations as directed by the Engineer before ordering the remainder of piles. One concrete test pile of West Abut. and one concrete test pile of East Abut.

* FOR INFORMATION ONLY

TOTAL BILL OF MATERIALS

ITEM	UNIT	SUPER	SUB	TOTAL
Borrow Excavation	Cu Yd.			130
Class A Exc. for Structures	Cu Yd.			200
Structural Steel	Pound	260 720		260 720
Class X Conc. Headwall	Cu Yd.			13.6
Class X Concrete	Cu Yd.	233.3	253.4	486.7
Metal Handrail	Lin. Ft.	556		556
Reinforcement Bars	Pound	43,780	27,270	71,050
Concrete Piles	Lin. Ft.			400
Test Piles (Concrete)	Each			2
Name Plates	Each			2
Pipe Culvert Type E, 36"	Lin. Ft.			226
Slope Wall	Sq. Yd.			470



LOCATION SKETCH
 STATION 1038+66.70
 BUILT 196 BY
 STATE OF ILLINOIS
 F.A.I.R.T. 80 ~ SEC. 06-4HB-1
 FA. PROJ. I-80-2(21)
 LOADING H15-31C
 NAME PLATE

DESIGN STRESSES
 f_s = 20,000 psi. Reinf.
 f_s = 18,000 psi. Struct.
 f_c = 1400 psi. Super & Sub.
 v_c = 75 psi. Flgs.
 n = 10
 LOADING H15-31C-44

GENERAL PLAN & ELEVATION
 PROJECT I-80-2(21)51
 J.A.R.T. 9 OVER F.A.I.R.T. 80
 F.A.I.R.T. 80 ~ SEC. 06-4HB-1
 BUREAU COUNTY
 STA. 1038+66.70 (F.A.I.)

DESIGNED: W. Abmill
 CHECKED: R. Kowal
 DRAWN: W.L. Jacobs
 CHECKED: EK.

EXAMINED: H.G. Beermann
 PASSED: C.H. Smith
 APPROVED: R.H. Cartmeyer

FEB 18 1961