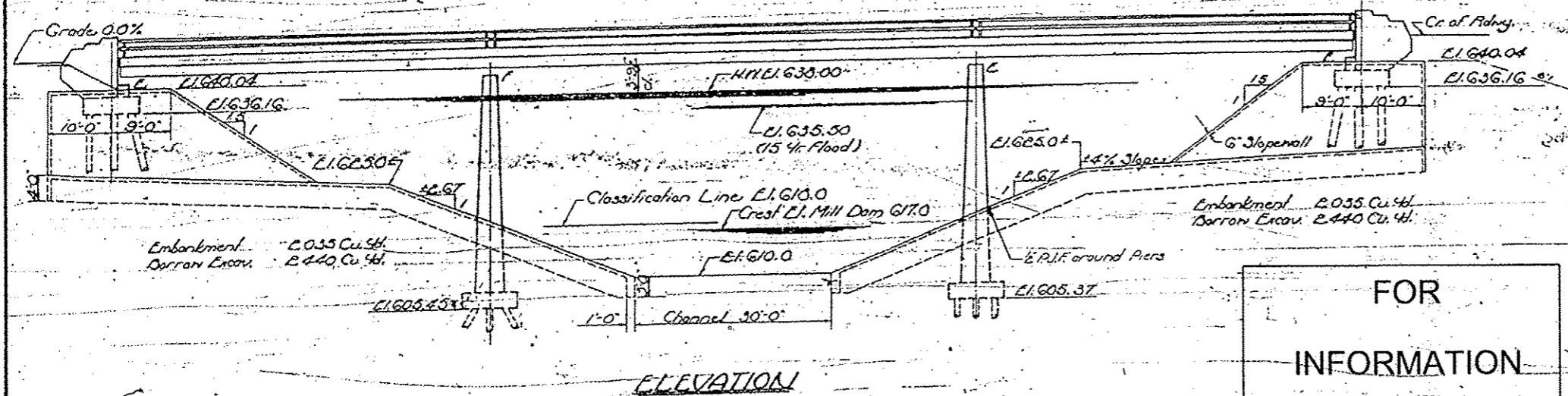
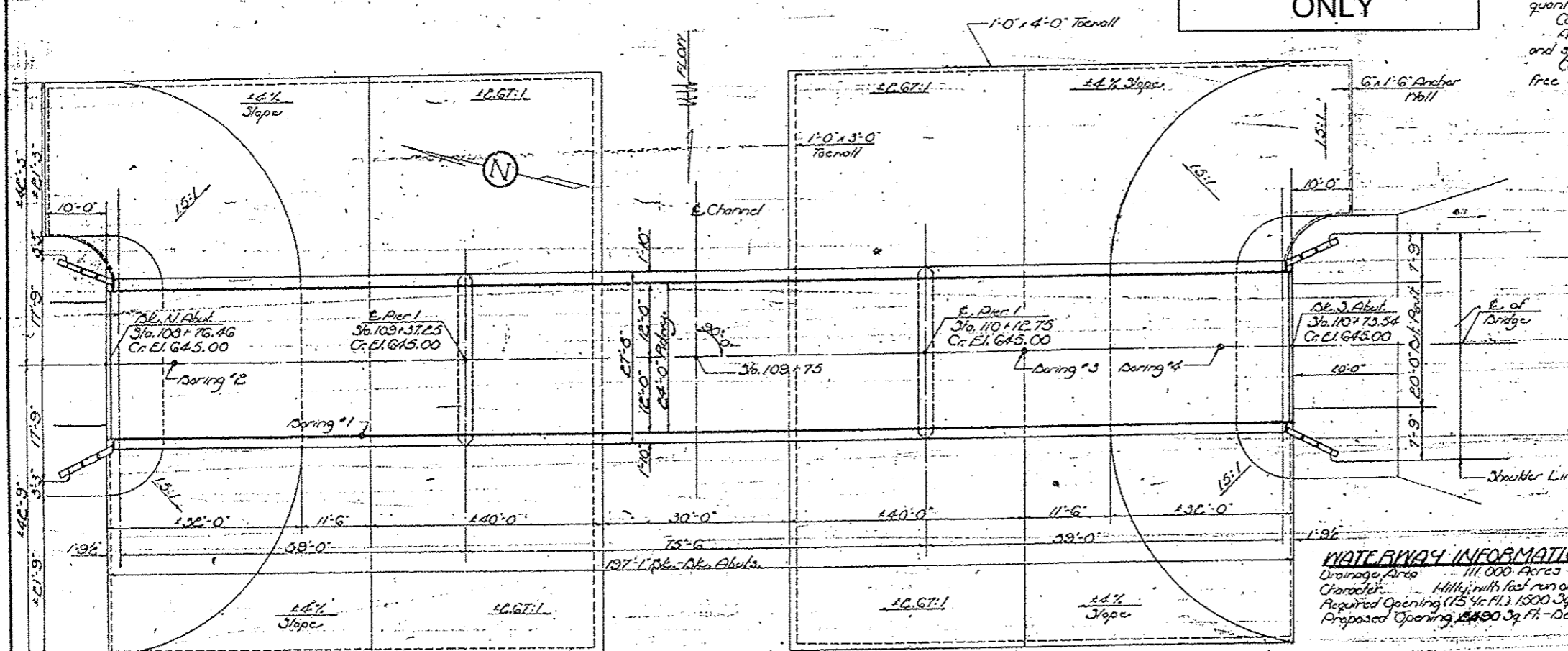


NOTE: - R.R. Trestle in N. Pool of 40' Jump 55' At Sta. 100+00; E.I. 647.05
Existing Structure: To be removed by others after new structure
has been built. 145' Steel Truss + 20' 17" 2" Approach Spans.



FOR
INFORMATION
ONLY

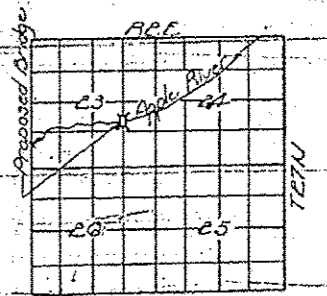
GENERAL NOTES
Class A Concrete shall be used throughout except in Piers.
Class A Concrete shall be used in Piers.
The concrete floor slab shall be finished in accordance with Article 5119 of the Standard Specifications.
Slope wall shall be reinforced with welded wire fabric 6"x6" mesh, #4 wires, weighing 58# per 100 sq. ft.
Layout of slope walls may be varied to suit ground conditions in the field as directed by the Engineer.
Piers 2' & 3' Open holes 1/2", unless noted, shall be drilled and grouted.
All rollers, rockers, bearing plates, lead plates, pinches 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. Estimated Weight - 2870 lbs.
Anchor bolts shall be set before riveting diaphragms over supports.
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 56.1 to 56.5 inclusive of the Standard Specifications.
The Contractor shall drive test piles in permanent locations as directed by the Engineer before ordering or casting the remainder of piles - One concrete test pile at N. Abut. and one timber test pile at Pier 1.
Starting Angles shall contain 0.2% copper and are included in quantity of Structural Steel.
Cohesive material to be used for embankment. See Special Provisions.
All structural steel shall be A-7 except beams, cover plates, and splice plates which shall be A-36.
Coarse aggregate which is to be used in end posts must be free of chert, flint, limonite, lignite and soft sandstone.



TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Borrow Excavation	Cu Yd			4080
Class A Exc. Struct.	Cu Yd			80
Class B Exc. Struct.	Cu Yd			400
Class A Concrete	Cu Yd		202.4	202.4
Class X Concrete	Cu Yd	145.7	57.2	202.9
Structural Steel	Pound	133,440	2,600	136,040
Metal Handrail	Lin Ft.		390	390
Reinforcement Piers	Pound	23,460	10,640	34,100
Uncoated Piles	Lin Ft.		885	885
Test Piles (Timber)	Each			1
Concrete Piles	Lin Ft.		565	565
Test Piles (Concrete)	Each			1
Name Plates	Each			1
Slope Wall (G)	Sq Yd			2,410

WATERWAY INFORMATION
Drainage Area: 111,000 Acres
Character: Hilltop with fast run off
Required Opening (15 1/4" Ft.): 1500 Sq. Ft.
Proposed Opening: 2400 Sq. Ft. - Below E.I. 635.50



LOCATION PLAN
GENERAL PLAN & ELEVATION
APPLE RIVER BRIDGE
E.A.S. RT. 71 - SEC. 76 B
PROJECT 3
JO DAVIESS COUNTY
STA. 109 + 75

DESIGNED: P.H. Hoyer
CHECKED: C.W. Blisk
DRAWN: P.H. Hoyer
CHECKED: C.W.H.
EXAMINED: Max 12 1164
MADE: [Signature]
APPROVED: [Signature]

PLAN
STATION 109+75
APPLE RIVER BRIDGE
BUILT 196
F.A.S. RT. 71 - SEC. 76 B
F.A. PROJ. 3
LOADING H15-312
NAME PLATE
See 301.214

DESIGN STRESSES
Rc - 1400 p.s.i. Super
Rt - 20,000 p.s.i. Abut. & Struct.
Rs - 18,000 p.s.i. Struct.
Rc - 75 p.s.i. Pier Pigs.
n = 10
LOADING H15-312-44