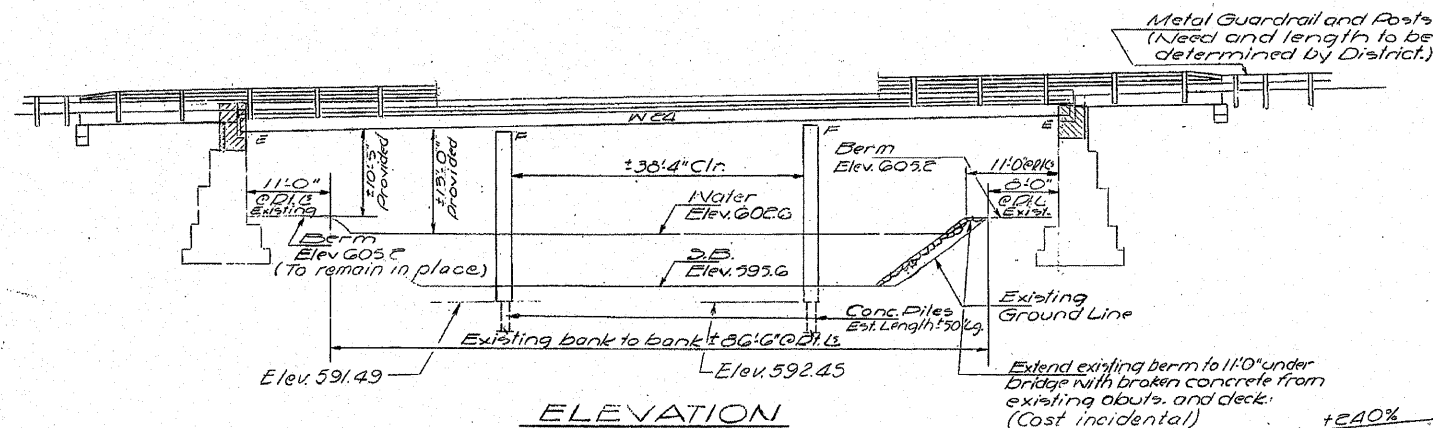


B.M. Brass Gov't marker S.W. wingwall Elev. 612.02
 Brass Gov't marker N.W. wingwall Elev. 613.03
 Existing Structure Built 1932 as S.B.I. Route 62, Sta. 1285+00
 Truss, Closed Abutts. 6" P. Conc. N.S. Superstructure to be
 removed by Contractor at time of new construction. No Salvage.
 No Temporary Bridge required.

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

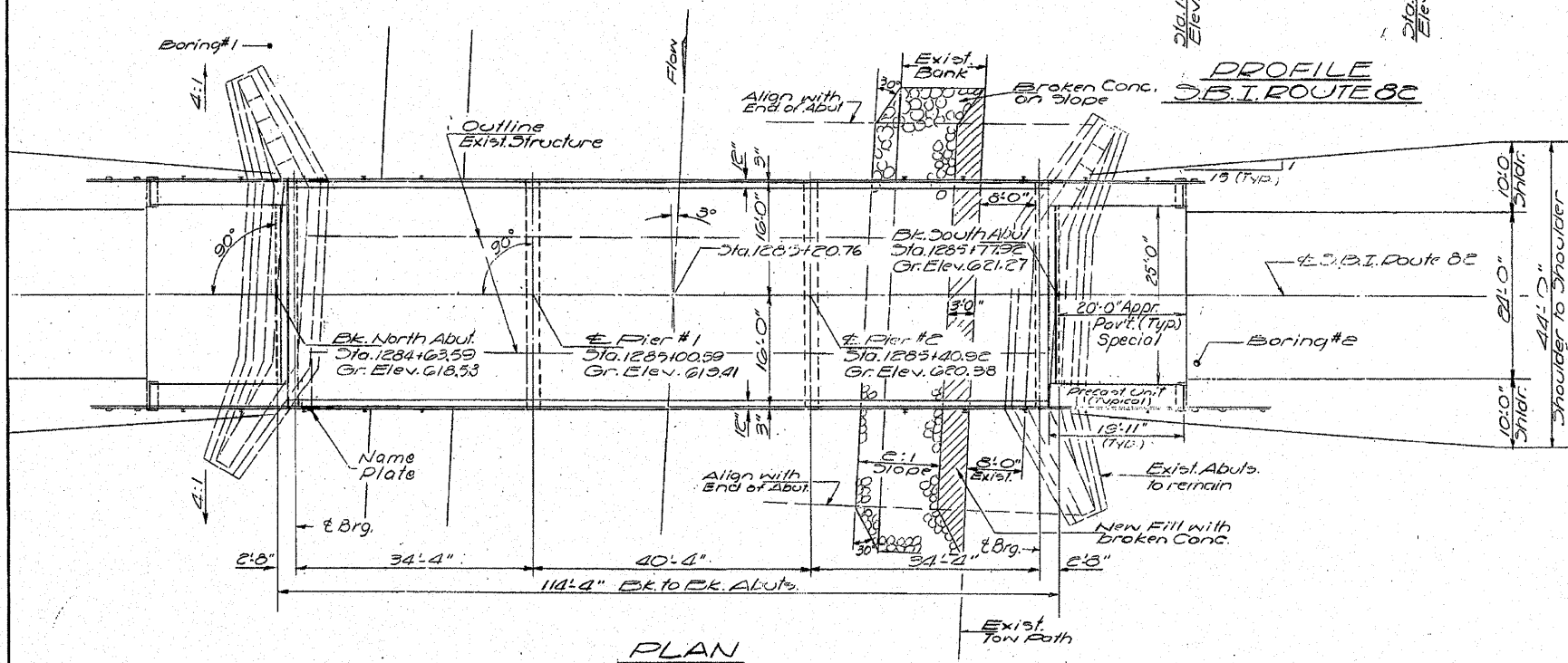
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
62	129B-1	Henry	38	13	10 SHEETS
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT	



STATION 1285+20.76
 RE-BUILT 197 BY
 STATE OF ILLINOIS
 S.B.I. RT. 62 SEC. 129B-1
 LOADING HS20
 NAME PLATE
 See Std 2113

GENERAL NOTES
 It shall be the responsibility of the Contractor to verify all dimensions and conditions existing in the field prior to construction and ordering of materials.
 All reinforcement bars shall be lapped 24 diameters unless otherwise shown.
 Fasteners shall be high strength bolts. Bolts $\frac{3}{4}$ " ϕ ; open holes $\frac{1}{8}$ " ϕ , unless otherwise noted.
 Calculated weight of Structural Steel = 52670 lbs.
 Field welding of construction accessories will not be permitted to the bottom flange of beams or girders nor to the top flange for a distance equal to one-fourth the span length each way from the pier supports. Field welding in other areas will be permitted only when approved by the Engineer.
 Anchor bolts shall be set before bolting diaphragms over supports.
 The Contractor shall drive one test pile in a permanent location at Pier #1 as directed by the Engineer before ordering the remainder of piles.
 Expansion bolts shall consist of self drilling expansion anchors and $\frac{3}{4}$ " ϕ x 12" hooked bolts, except as noted.
 Bars indicated thus 30 \times 5 \times 5 etc indicates 30 lines of bars with 5 lengths per line. Min. bar laps = 24 dia.
 4 \times 4 \times 1/2 ϕ ls at expansion joints shall be A.S.T.M. A-36 and shall receive two shop coats of Basic Lead Silico-Chromate Paint - Field painting not required.
 The tops & vertical surfaces of the piers and bridge seats and front face of the abutments shall be sealed with Bridge Sealer. See Special Provisions.

SHOWN FOR
 INFORMATION ONLY



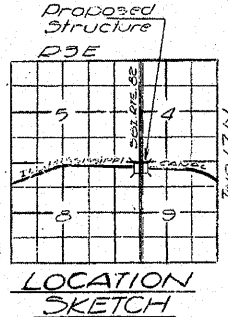
TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub.	Total
Class 1 Concrete	Cu Yds	971	1481	2452
Reinforcement Bars	Lbs.	23250	3350	35100
Structural Steel	Lump Sum	L.S.		1
Concrete Removal	Cu Yds		98	98
Steel Railing Type N	Lin. Ft.	302		302
Expansion Bolts 3/4" ϕ	Each		68	68
Concrete Piles	Lin. Ft.		850	850
Test Piles, Concrete	Each		1	1
Protective Coat	Sq Yds	420		420
Precast Concrete Bridge Slab	Sq. Ft.	299		299
Removal of Exist. Superstr.	Each		1	1
Cofferdam Excavation	Cu Yds		58	58
Preformed Joint Sealer	Lin. Ft.	65		65
Name Plates	Each		1	1
Cofferdams Pier 1	Each		1	1
Cofferdams Pier 2	Each		1	1

DESIGN STRESSES

FIELD UNITS
 $f_c = 1400$ psi - Sub.
 $f_s = 60,000$ psi - Reinf.
 $f_s = 27,000$ psi - Struct.
 $v_c = 75$ psi - Footings
 $n = 10$ $f_c = 1200$ psi - Deck Slab

PRECAST UNITS
 $f_c = 4,500$ psi
 $f_c = 1800$ psi
 $f_s = 20,000$ psi
 $n = 8$



ILL. & MISSISSIPPI CANAL
 S.B.I. ROUTE 62
 SECTION 129B-1
 HENRY COUNTY
 STATION 1285+20.76

WATERWAY INFORMATION

Character ----- level, Gravel
 Required Opening - Governed by Dept. of Conservation
 Present Opening ----- 480 Sq. Ft.
 Proposed Opening ----- 430 Sq. Ft.

DESIGN LOADINGS HS2044

DESIGNED: [Signature] Antonio
 CHECKED: R. F. Rookney
 DRAWN: F. Mercado
 CHECKED: R. F. R.

MAY 17 1971
 EXAMINED: [Signature]
 PASSED: [Signature]
 APPROVED: [Signature]

Rev. WA 8-1-71
 Rev. N.C.C. 1-18-72
 Rev. 1-31-72 F.M.

FILE NAME =	USER NAME = \$USER\$	DESIGNED - JDS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 82 OVER HENNEPIN CANAL EXISTING STRUCTURE PLANS	F.A.P. RTE. 638	SECTION 129B-3	COUNTY HENRY	TOTAL SHEETS 73	SHEET NO. 43	CONTRACT NO. 64B08
\$FILEL\$		DRAWN - WLL	REVISED -	SCALE:	SHEET NO. OF SHEETS	STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS	FED. AID PROJECT		
		CHECKED - RJA	REVISED -								
		DATE	REVISED -								