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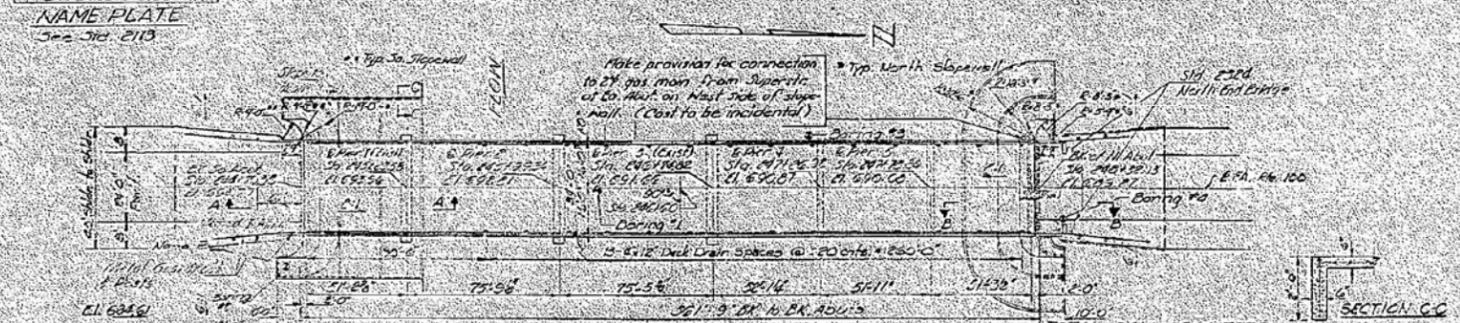
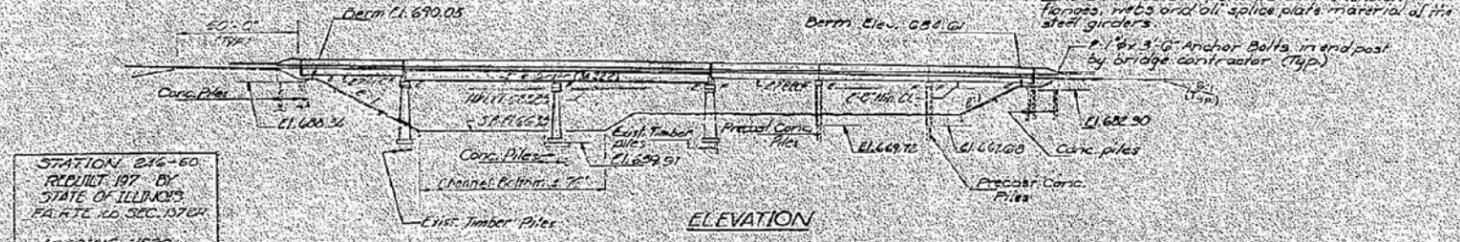
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROJECT NO.	137BR	CHAMPAIGN	35	12
SHEET NO.	C SHEETS			

GENERAL NOTES

Expansion joints which are not cast in the
 precast unit shall be fabricated and installed
 in accordance with Article 803.07 (c) of
 the Standard Specifications and are included
 in quantity of structural steel.
 The top surfaces of the bearing girders be
 finished in accordance with Article 905.06 of
 the Standard Specifications. Support surface
 surface shall not be roughened by forming.
 The finished surface shall be free of debris,
 scale, or rust spots with sharp corners.
 The main load carrying members shall be
 subjected to tensile stress shall conform to the
 specifications for reinforcement for Normal Strength
 Concrete. These shall be cast in the bearing
 girders, webs and splice plates material of the
 steel girders.

See Proposal for Bearing Girders.
 Fasteners shall be high strength bolts. Bolts 3/4"
 open holes 1/4" unless otherwise noted.
 Calculated weight of Structural Steel
 M 103 - 134,020 lbs.
 M 103 - 0350 lbs.
 Field welding of construction accessories will not be
 permitted to the bottom flanges of 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.
 Slope wall shall be reinforced with welded wire fabric
 6"x6" mesh weighing 58# per 100 sq. ft.
 Layout of slope walls may be varied in the field to suit
 ground conditions as directed by the Engineer.
 It shall be the responsibility of the Contractor to verify all
 dimensions and conditions existing in the field prior to
 construction and ordering of material.
 The concrete rail section above the modularly construction
 joint at the top of the slab shall be constructed of Class
 X Concrete, except the aggregates shall conform to the
 requirements of Handrail Concrete.
 Protective Coor shall not be applied to surfaces to which
 Waterproof Membrane System is applied.
 Expansion bolts shall consist of self-drilling expansion
 anchor and 3/4"x1/2" hooked bolts, unless otherwise noted.
 Bearing seat surfaces other shall be constructed or adjusted
 to the designated elevations within a tolerance of 1/8"
 A-1. sement shall be made either by grinding the surface
 or by shimming the bearing. Use of adjusting slims of
 the dimensions of the existing bearing plate shall be
 provided for each bearing in addition to all other
 plates or shims.
 Reinforcement Bars shall conform to the requirements
 of A.A.S.A. M. 31 or M. 33, Grade 60.
 The Contractor shall drive one (1) concrete test pile and
 one permanent location. 2" x 1/4" is directed by the Engineer
 before ordering the remainder of piles.
 All structural steel shall be A36 or A572 unless otherwise noted.
 Expansion joint angles and attached bars shall be A36 or A572
 unless and shop primed with two coats of epoxy lead silico chromate
 paint.



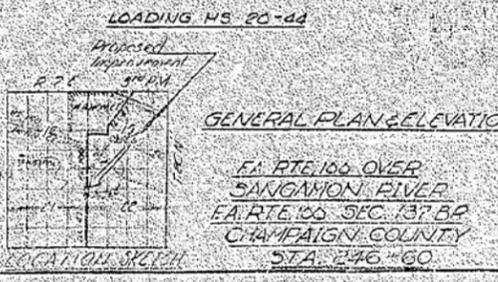
TOTAL BILL OF MATERIAL

Item	Unit	Subst	QTY	Stat
BT. Conc. 50ft. dia. U. 1	Tons	0.1	27	27
Cofferdam Excavation	Cu. Yds	0.7	27	27
Cofferdam (Pier 2)	Each	1	1	1
Portion of Main Span Forming Course	Sq. Ft.	2073	2073	2073
Seal Coat Concrete	Cu. Yds	0.1	338	338
Expansion Bolts (4x)	Each	118	118	118
Structural Excavation	Cu. Yds	0.1	55	55
Protective Coat	Sq. Yds	0.1	1071	1071
Class X Concrete	Cu. Yds	2.1	130.0	130.0
Class A Concrete	Cu. Yds	0.1	130.0	130.0
Structural Steel	Lump Sum	1	1	1
Waterproofing Membrane 3-p.	Sq. Yds	0.1	719	719
Precast Prestressed Concrete	Sq. Ft.	0.1	6816	6816
Class B Concrete	Cu. Yds	0.1	12,350	12,350
Reinforcement Bars	Lbs.	0.1	1,534	1,534
Concrete Piles	Lump Sum	1	1	1
Test Piles (Concrete)	Each	1	1	1
Name Plate	Each	1	1	1
Slope Wall (6)	Sq. Yds	0.1	1233	1233
Formwork - Conc. (Epoxy Coated)	Sq. Yds	0.1	13,170	13,170
Removal of Formwork (Epoxy Coated)	Each	1	1	1
Reinforcement Bars (6)	Lbs.	0.1	170	170
Formwork - Steel (6)	Sq. Yds	0.1	14	14

DESIGN STRESSES:

FIELD UNITS	PRECAST PRESTRESSED UNITS
F _c = 60,000 psi (Reinf.)	F _c = 5000 psi
F _s = 35,000 psi	F _s = 40,000 psi
F _s = 20,000 psi (M 103 3/4")	F _s = 270,000 psi
F _s = 27,000 psi (M 103 3/4" Str. Steel)	F _s = 186,700 psi

ALSO SEE 254 FOR FUTURE M.S. Design Specification
 1973, 1974, 1975 and 1976 Interim Specification.
 Use Epoxy coated Reinforcement Bars in top of
 7 1/2" slab deck. (Stairs 2 & 3).



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DESIGNED: [Signature]

EXAMINED: [Signature]

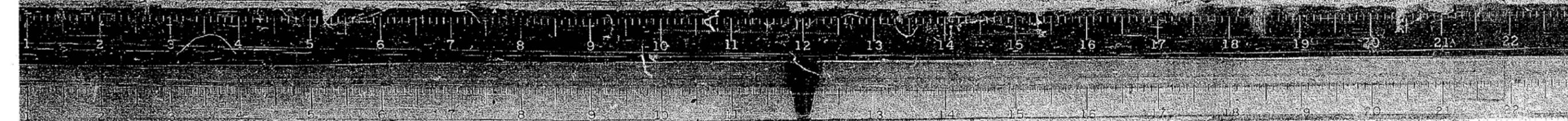
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WATERWAY INFORMATION

Drainage into 554 sq. ft.
 Channel level rolling, 5' width
 Full opening 20' x 11'
 Drainage capacity 30,000 gpm
 Precast Concrete 3370 gpm
 0.100' x 18" x 12"
 (Length 18' x 12')

PROFILE GRADE
 EA RTE 100

FILE NAME = s:\p1\6380-6395\6345\021\micro\ND570428-ah-t-ex-buils.dgn



1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = saron
 PLOT SCALE = 80.0000" / IN.
 PLOT DATE = 10/21/2009

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

AS BUILT PLANS

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(137BR)BR	CHAMPAIGN	75	68
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	CONTRACT NO. 70428	