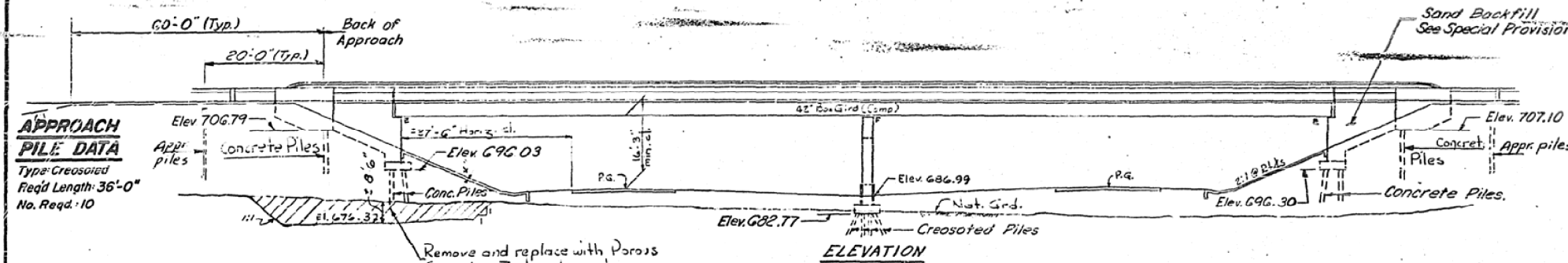


AS-BUILT PLANS - S.N. 074-0058 FOR INFORMATION ONLY

B.M. Chisled N. End of W. Headwall of Box Culvert 385' N. of Sta. 987+16 Elev. 686.00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAWN BY	SCALE	COUNT	TOTAL SHEETS	SHEET NO.
72	74-67	PIATT	38	10
13 SHEETS				



APPROACH PILE DATA
Type: Creosoted
Reqd Length: 36'-0"
No. Reqd: 10

GENERAL NOTES

All reinforcement bars shall be lapped 24 diameters unless otherwise shown.

Fasteners shall be high strength bolts. Bolts 7/8"; open holes 1 1/8", unless otherwise noted.

The Basic Lead Silico Chromate paint system shall be used for shop and field painting of structural steel.

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 erection of box girder.

Slope wall shall be reinforced with welded wire fabric 6" x 6" mesh, weighing 58# per 100 sq. ft.

The embankment configuration shown shall be the minimum embankment that must be constructed prior to construction of the abutments.

The concrete rail section above the mandatory construction joint at the top of the slab shall be constructed of Class X Concrete, except the aggregates shall conform to the requirements of Normal Concrete.

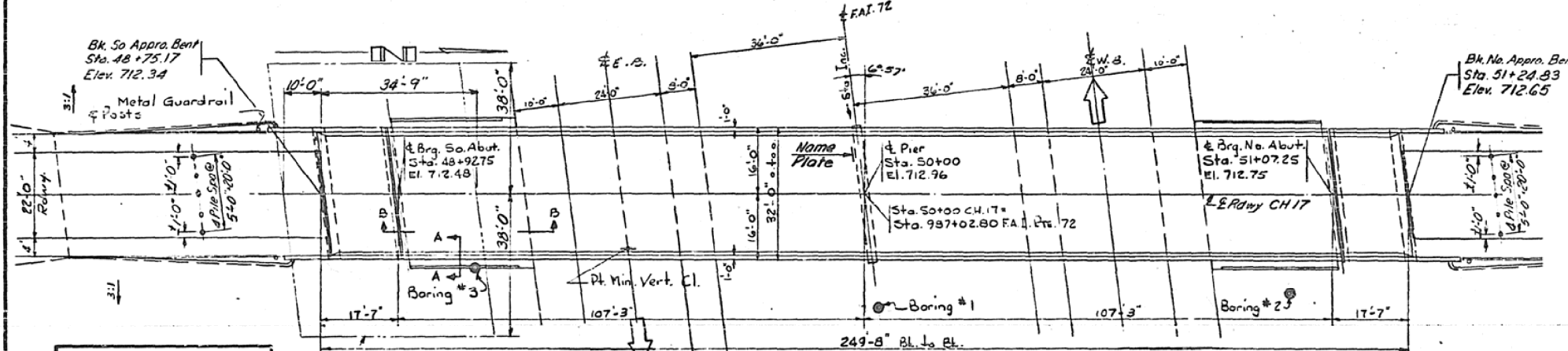
Protective Coat shall not be applied to surfaces to which Cool Tar Interlayer Protective Coat is applied.

Calculated weight of Structural Steel = 222,450 lbs.

All interior surfaces of box girders shall be given two shop coats of paint and spot painted in the field after cross frames and forms have been removed.

Concrete piles at abutments and approach bents shall be driven in holes precored through the embankment in accordance with Article 513.09 (c) of the Standard Specifications.

The contractor shall drive one timber test pile at the pier, one concrete test pile at South Abutment, and one concrete test pile at North Approach Bent, in permanent locations, as directed by the Engineer before ordering the remainder of piles.



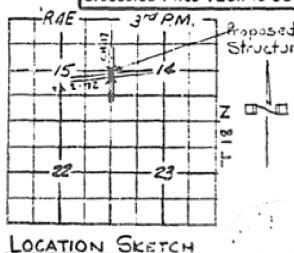
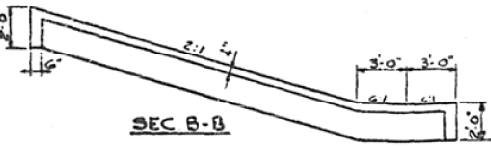
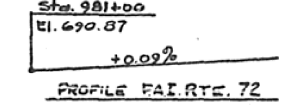
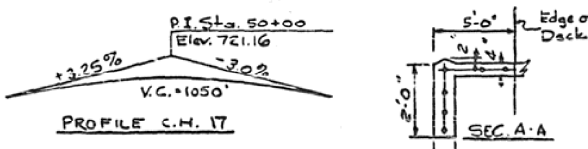
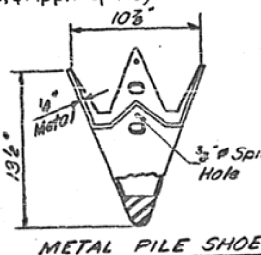
STATION 987+02.80
BUILT 197 BY
STATE OF ILLINOIS
F.A.I. RTE. 72 SEC. 74-67HB
PROJ. I-72-240
LOADING HS15
See Standard 2113-1
NAME PLATE

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Bituminous Concrete Surface Course, Class I	Tcms	63		63
Structure Excavation	Cu. Yds.		32	32
Cool Tar Interlayer Protective Coat	Sq. Yds.	792		792
Protective Coat	Sq. Yds.	191		191
Class X Concrete	Cu. Yds.	261.1	183.4	444.5
Structural Steel	L.S.			LS
Stud Shear Connector	Each	1520		1520
Aluminum Railing	Lin. Ft.	515		515
Reinforcement Bars	Lbs.	61,020	18,210	79,230
Creosoted Piles (Up to 20')	Lin. Ft.		620	620
Concrete Piles	Lin. Ft.		1763	1763
Test Piles (Timber)	Each		1	1
Test Piles (Concrete)	Each		2	2
Name Plates	Each		1	1
Slope Wall (4")	Sq. Yds.		350	350
Sand Backfill	Cu. Yds.		134	134
Porous Granular Embankment	Cu. Yds.		1415	1415
Prefabricated Joint Sealer 4"	Lin. Ft.	65		65
Metal Shoes	Each		41	41
Earth Excavation	Cu. Yds.		1415	1415
Creosoted Piles (20.1' to 38')	Lin. Ft.		350	350

DESIGN STRESSES

$f_c = 1200$ psi. (Deck Slab - Main Spans)
 $f_c = 1400$ psi. (Curb, parapet, sub. & Appr. Spans)
 $f_s = 20,000$ psi. (Reinf.)
 $f_s = 20,000$ psi. (Struct.)
 $v_c = 75$ psi. (Ftgs.)
 $n = 10$



DESIGNED: Sub. Jern...
 CHECKED: [Signature]
 DRAWN: P. Barnett
 CHECKED: [Signature]

EXAMINED: [Signature]
 PASSED: [Signature]
 APPROVED: [Signature]

GENERAL PLAN & ELEVATION
 PROJ. I-72-240
 CH. 17 OVER F.A.I. 72
 F.A.I. RTE. 72 SECTION 74-67HB
 PIATT COUNTY
 STA. 50+00 (CH. 17)
 STA. 987+02.80 (F.A.I. 72)

LOADING HS 15 - 44