DIVISION OF HIGHWAYS | 7 | ILL | 55 | 1960 | 41 | 45

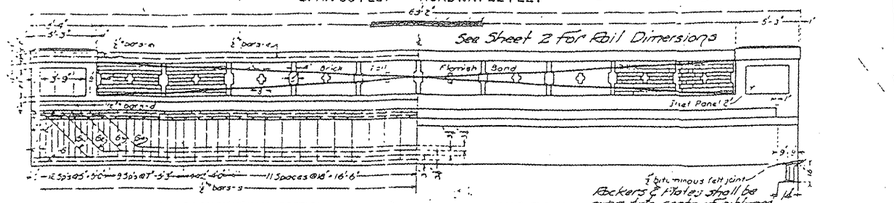
REINFORCED CONCRETE DECK GIRDER

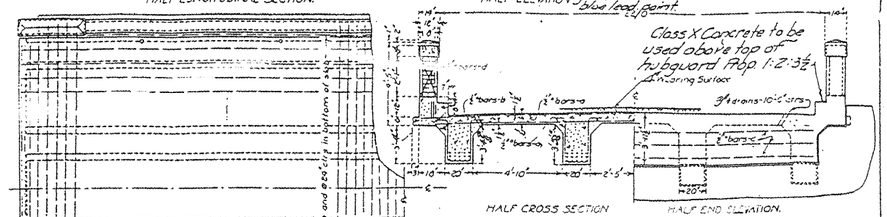
SPAN 60 FEET ROADWAY 22 FEET

S.B.I. Rt. 80, Sec. B-125B Knox Co.

S.B.I. Rt. 80, Sec. B125B, Knox Co.

42 of 94

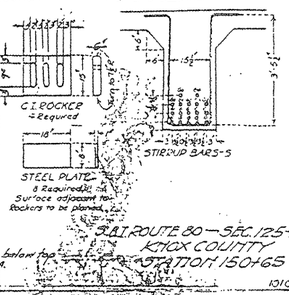




ONE SPAN
BILL OF MATERIAL

Bars	No.	Size	Length
a	156	¾"	25'-01
a1	126	¾"	25'-01
b	63	¾"	32'-9"
b1	6	¾"	20'-01
d	144	¾"	5'-0"
e	18	¾"	17'-06"
f	6	¾"	7'-01
G	20	1¼"	66'-0"
G	12	1¼"	66'-0"
G1	12	1¼"	53'-01"
G3	8	1¼"	55'-0"
G4	8	1¼"	31'-01"
s	292	¾"	9'-01"
Reinforcing Steel-lbs.			30940
Class C Concrete-Cu. Yds.			145
Class X-Cu. Yds.			47
G.I. Rockers-Lbs.			1316
Steel Plates-Lbs.			330

Name Plate 1
Class X Concrete to be used below top of fishguard Proportions-1:2:4.



S.B.I. ROUTE 80 — SEC. 125-B
KNOX COUNTY
STATION 150+65

1310

May 20, 28

H.P. Sumner

S.B.I. ROUTE 80 — SEC. 125-B
KNOX COUNTY
STATION 150+65

1010-0

B.M. #14 52¾" Vert. in 6" Elm Stump
Lt. Sta. 150+60 Elevation 714.63
Existing Structure = Pratt Truss
48' Span, 12' Rdy. Not to be removed
1506' Up Stream.

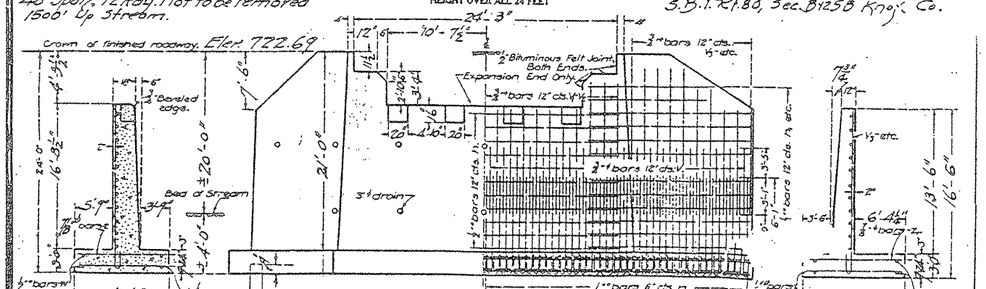
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
DIVISION OF HIGHWAYS

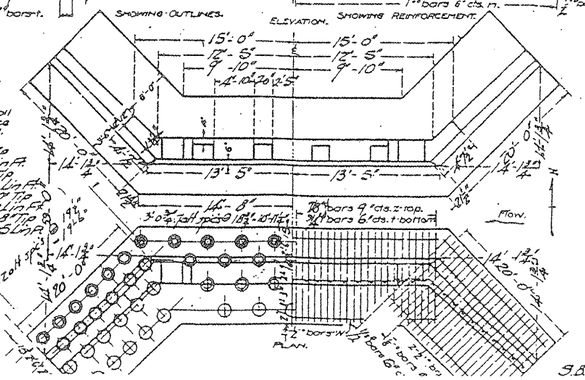
FED. ROAD DIST. NO.	STATE	FED.-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	ILL.	155	1928	41	45

Sheet No. 3 of 45 Sheets.

R. C. ABUTMENTS FOR DECK GIRDER BRIDGES
HEIGHT OVER ALL 24 FEET

S.B.I. Rt. 80, Sec. B125B Knox Co.





Class A concrete shall be used throughout. Proportions 1:2½:4. All reinforcing steel shall be securely wired in place before concrete is poured.

18 Untr. Piling 12" Butt 10" Tip
10 Reqd. Est. Length 200 Lin. Ft.
15 Untr. Piling 12" Butt 10" Tip
19 Reqd. Est. Length 380 Lin. Ft.
107 Untr. Piling 12" Butt 10" Tip
18 Reqd. Est. Length 360 Lin. Ft.
107 Untr. Piling 10" Butt 8" Tip
27 Reqd. Est. Length 405 Lin. Ft.

BILL OF MATERIAL.

Bars	No.	Size	Length
V	62	¾"	8'-6"
V1	62	¾"	11'-6"
V2	16	¾"	16'-0"
V3	8	¾"	13'-0"
V4	8	¾"	14'-0"
V5	8	¾"	15'-0"
V6	8	¾"	16'-0"
V7	8	¾"	17'-0"
V8	8	¾"	18'-0"
V9	8	¾"	19'-0"
V10	8	¾"	20'-0"
n	40	¾"	11'-3"
n1	40	¾"	11'-3"
n2	20	¾"	11'-3"
N	44	1¼"	47'-0"
W	8	1¼"	21'-6"
Reinforcing Steel-lbs.			11300
Concrete-Cu. Yds.			1210

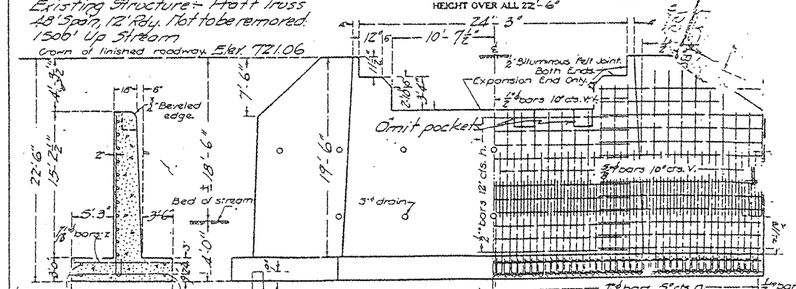
S.B.I. ROUTE 80 — SEC 125-B

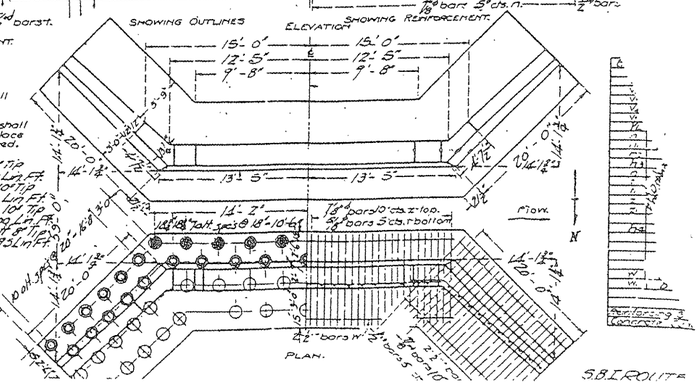
B.M. #14 52¾" Vert. in 6" Elm Stump
Lt. Sta. 150+60 Elevation 714.68
Existing Structure = Pratt Truss
48' Span, 12' Rdy. Not to be removed.
1506' Up Stream.

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

FED. ROAD DIST. NO.	STATE	FED. PROJ.
7	ILL.	

R. C. ABUTMENTS FOR DECK GIRDER BRIDGE
HEIGHT OVER ALL 22'-6"





Class A concrete shall be used throughout. Proportions: 1:2½:4. All reinforcing Steel shall be securely wired in place before concrete is poured.

18 Untr. Piling 12" Butt 10" Tip
10 Reqd. Est. Length 200 Lin. Ft.
15 Untr. Piling 12" Butt 10" Tip
21 Reqd. Est. Length 420 Lin. Ft.
127 Untr. Piling 12" Butt 10" Tip
10 Reqd. Est. Length 200 Lin. Ft.
107 Untr. Piling 10" Butt 8" Tip
33 Reqd. Est. Length 495 Lin. Ft.

S.B.I. ROUTE