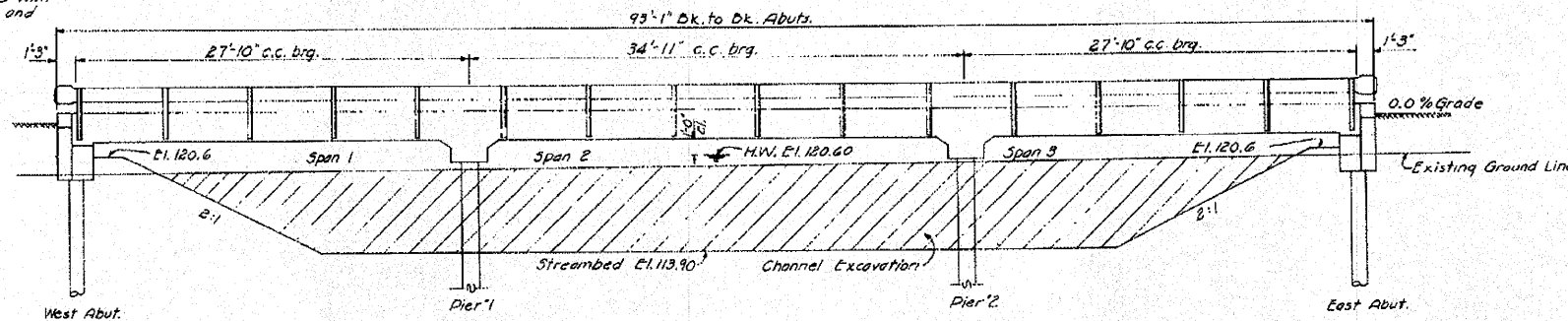


B.M. Top N.E. Cor. W. Abut.
Left Sta. 124+34 E.L. 124.01.
Existing Structure: Pony
Truss, one span of 35.5' with
closed concrete abuts. and
wingwalls.
To be removed by the
Contractor after new
bridge is constructed.
No salvage.

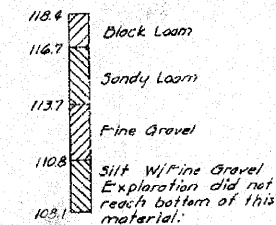
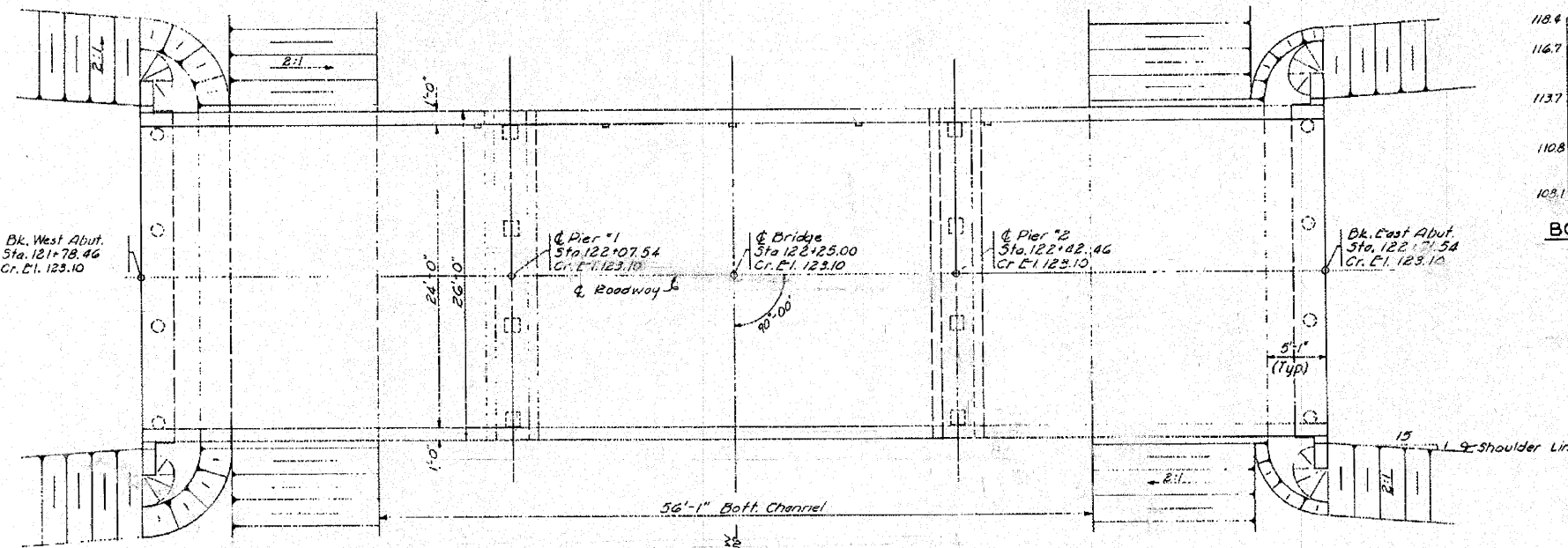
STATE	COUNTY	SECTION	TOTAL SHEETS	SHEET NO.
73	KANE	185B-MFT	7	5



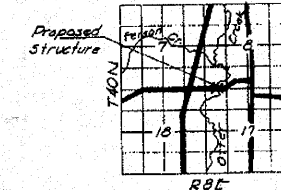
GENERAL NOTES

Class X Concrete shall be used throughout.
The concrete floor slab shall be finished in accordance with
article 51.19 of the S.D. Specs.
The curbs shall be poured monolithically with the slab.
All metal handrail and posts shall receive one shop coat
of red lead paint and two field coats of aluminum paint.
Each handrail shall have a curved metal section of each
end.
The Contractor shall drive two (2) test piles. One timber
test pile shall be driven as directed by the engineer before
ordering the remainder of the timber piles. One concrete test
pile shall be driven in a permanent location before casting
the remainder of the piles.
Pier piles shall have a minimum penetration of 15'
below streambed
For item Channel Excavation see sheets no 3&4

ELEVATION
Scale 3/16" = 1'-0"



BORING DATA



LOCATION SKETCH

TOTAL BILL OF MATERIAL

Item	Super	Sub	Total
Class X Concrete	Cu. Yds. 119.2	13.7	132.9
Reinforcement Bars	Lbs. 27,750	1,390	29,140
Metal Plate Bridge Rail	Lin. Ft. 180	-	180
Precast Concrete Piles (14")	Lin. Ft. -	175	175
Grouted Piles	Lin. Ft. -	160	160
Test Piles (Concrete)	Ea. -	1	1
Test Piles (Timber)	Ea. -	1	1
Name Plates	Ea. 1	-	1
Removal of Existing Structures	Ea. -	-	-
Channel Excavation	Cu. Yds. -	-	2622

WATERWAY DATA

Drainage Area 29,280 Acres
Required Opening 450 Sq. Ft.
Present Opening 179 Sq. Ft.
Proposed Opening 450 Sq. Ft.

DESIGN STRESSES

$f_s = 20,000$ psi Reinf.
 $f_c = 1400$ psi
 $n = 10$

PLAN
Scale 3/16" = 1'-0"

STATION 122+25.00
OTTER CREEK
BUILT 1959 BY
KANE COUNTY
SEC. 185-B-M.F.T.
LOADING H15-312

LETTERING FOR NAME PLATE
See Std. 2113

**GENERAL PLAN & ELEVATION
CORYN BRIDGE
SEC. 185 B- MFT
STA. 122+25.00
S.A. ROUTE 73
KANE COUNTY**

**HANSON, COLLINS & RICE
CONSULTING ENGINEERS**

DESIGNED V.F.S. CHECKED R.D.C.
DRAWN A.C.E. DATE 2-24-59

LOADING H15-312-44

SHEET 1 OF 3

FOR REFERENCE ONLY

FILE NAME = P:\CIBBEL WEST Projects\20879\05-2082 Bolam Plot\Civil\Design\185B-MFT\01.dgn

WILLS BURKE KELSEY ASSOCIATES LTD.
110 West Main Street, Suite 201
St. Charles, Illinois 60174

USER NAME = #USER#	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE - 10/22/10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING STRUCTURE PLANS
FOR REFERENCE ONLY**

SCALE: SHEET NO. 46 OF 73 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2332	03-14185-02-BR	KANE	73	46

CONTRACT NO. 63521
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT