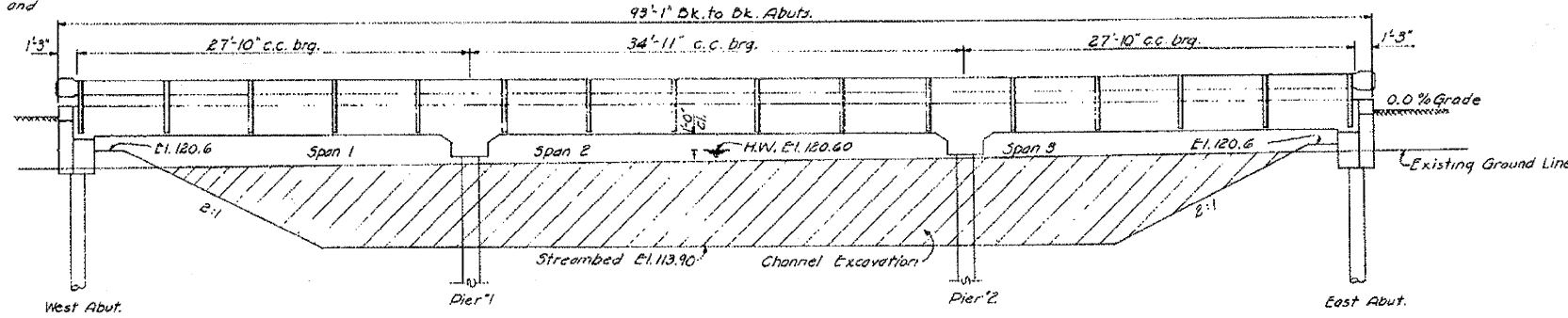


ROUTE NO.	COUNTY	SECTION	TOTAL SHEETS	SHEET NO.
73	KANE	185B-MFT	7	5

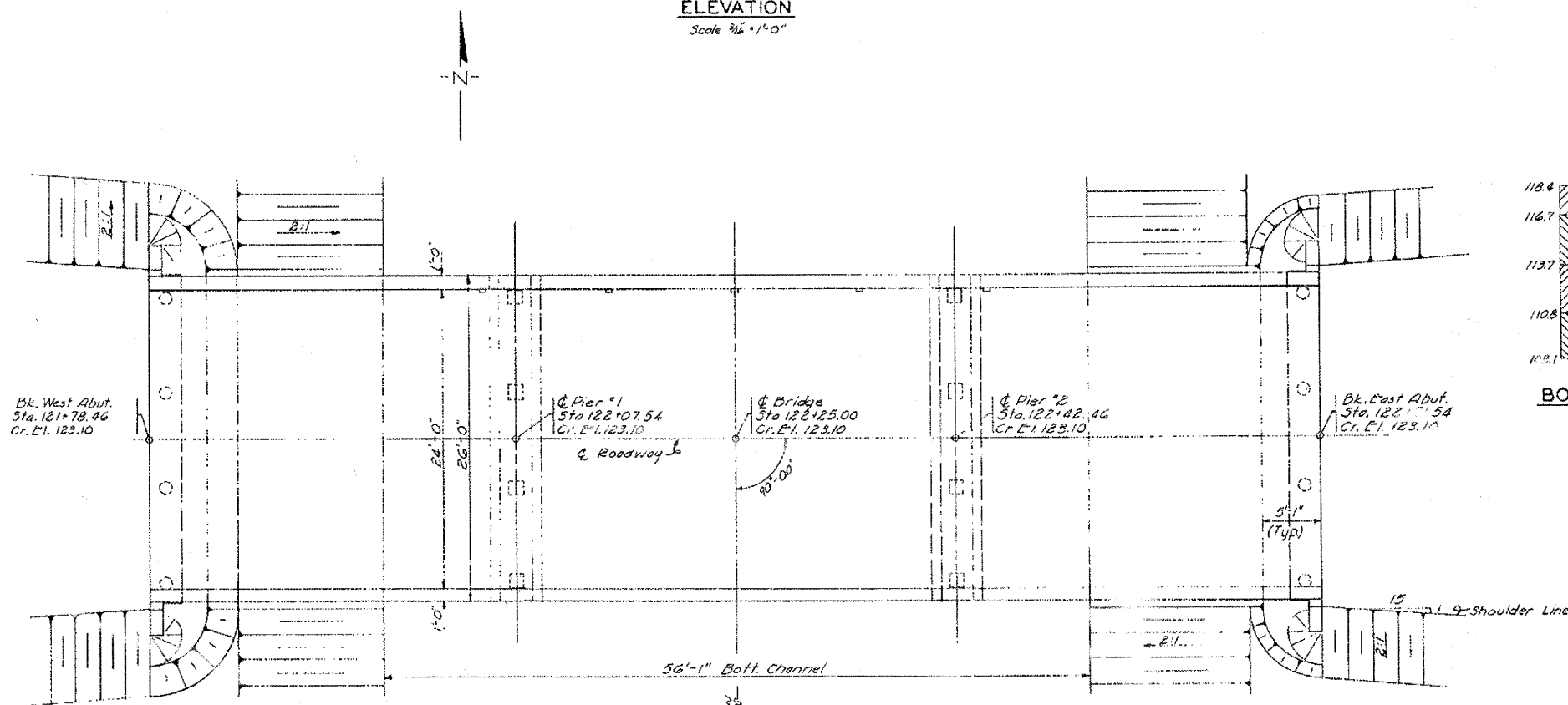
B.M. Top N.E. Cor. W. Abut.
Left Sta. 124+34 E1.124.01.
Existing Structure: Pony
Truss, one span of 35.5' with
closed concrete abuts. and
wingwalls.
To be removed by the
Contractor after new
bridge is constructed.
No salvage.



GENERAL NOTES

Class X Concrete shall be used throughout.
The concrete floor slab shall be finished in accordance with
article 51.19 of the Std. 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 at 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"



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

WATERWAY DATA

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

STATION 122+25.00
OTTER CREEK
BUILT 1959 BY
KANE COUNTY
SEC. 185-B-M.F.T.
LOADING H15-512

LETTERING FOR NAME PLATE
See Std. 2113

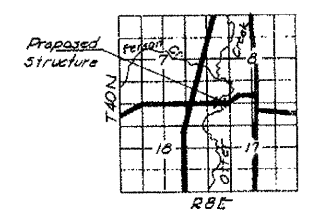
DESIGN STRESSES

$f_s = 20,000$ psi Reinf
 $f_c = 1,400$ psi
 $n = 10$

LOADING H15-512-44

BORING DATA

118.4	Black Loam
116.7	Sandy Loam
113.7	Fine Gravel
110.8	Silt w/ Fine Gravel
108.1	Exploration did not reach bottom of this material.



LOCATION SKETCH

TOTAL BILL OF MATERIAL

Item	Super	Sub.	Total
Class X Concrete	Cu. Yds. 1192	13.7	1329
Reinforcement Bars	Lbs. 27,750	13,90	29,140
Metal Plate Bridge Rail	Lin. Ft. 180	-	180
Precast Concrete Piles (14")	Lin. Ft. -	175	175
Crested 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. -	-	1
Channel Excavation	Cu. Yds. -	-	2622

**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.E.E. DATE 8-24-59 W.B-58-44

SHEET 1 OF 3

FILE NAME = P:\WBEL\WEST Projects\2009\99-0082 Bolcum "R11\Gv1\Dgn\SH-EXSTR01.dgn

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

USER NAME = #USER#	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE =	CHECKED -	REVISED -
PLOT DATE = 10/21/2010	DATE - 10/22/10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING STRUCTURE PLANS
FOR REFERENCE ONLY**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2332	03-14185-02-BR	KANE	73	46
CONTRACT NO. 63521				
SCALE: SHEET NO. 46 OF 73 SHEETS STA. TO STA. FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

FOR REFERENCE ONLY