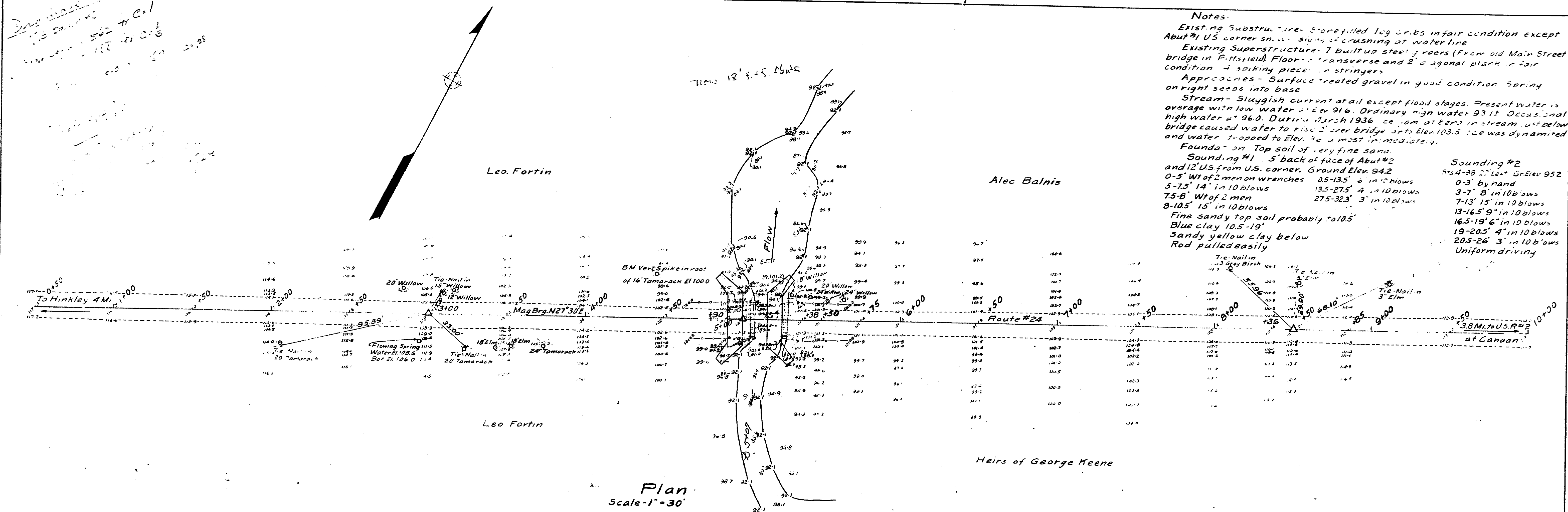
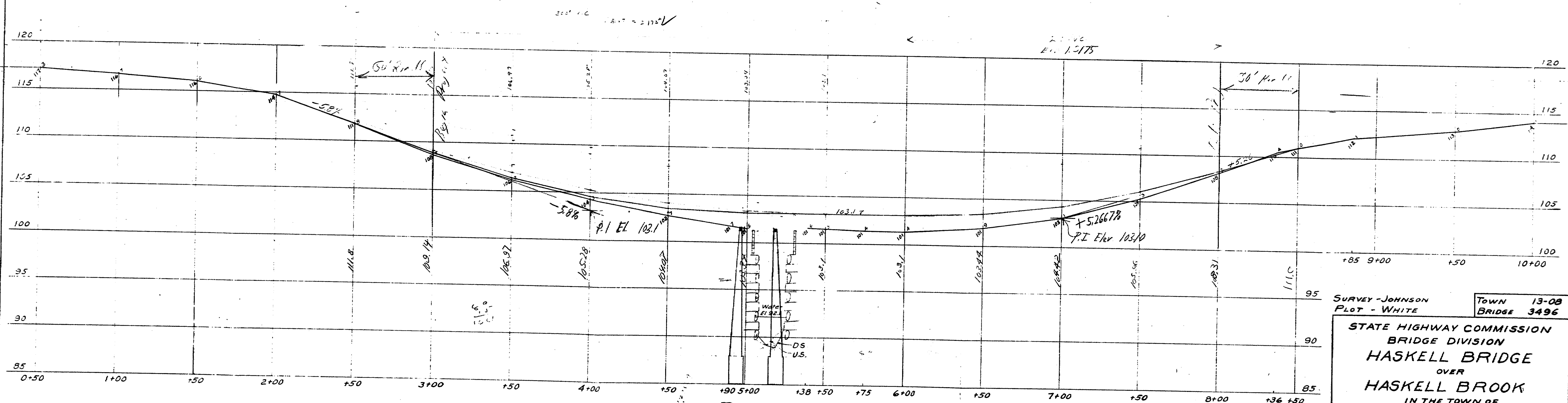


100' 50' 100' 50' 100' 50'
 100' 50' 100' 50' 100' 50'
 100' 50' 100' 50' 100' 50'



Notes
 Existing Substructure - Stone filled log cribs in fair condition except Abut #1 U.S. corner showing signs of crushing at water line.
 Existing Superstructure - 7 built up steel joists (From old Main Street bridge in Pittsfield) Floor - transverse and 2' diagonal plank in fair condition - 4 soaking piece of stringers.
 Approaches - Surface treated gravel in good condition. Spring on right side into base.
 Stream - Sluggish current at all except flood stages. Present water is average with low water at elev 91.6. Ordinary high water 93.12. Occasional high water at 96.0. During March 1936 ice jam at bridge in stream just below bridge caused water to rise 2' over bridge onto elev 103.5. Ice was dynamited and water dropped to elev. 92.5 most immediately.
 Foundation - Top soil of very fine sand.
 Sounding #1 - 5' back of face of Abut #2 and 12' US from U.S. corner. Ground Elev. 94.2
 0-5' W of 2 men on wrenches 0.5-13.5' 6" in 10 blows
 5-15' 14" in 10 blows 13.5-27.5' 4" in 10 blows
 15-25' W of 2 men 27.5-32.3' 3" in 10 blows
 8-10.5' 15" in 10 blows
 Fine sandy top soil probably to 10.5'
 Blue clay 10.5-19'
 Sandy yellow clay below
 Rod pulled easily
 Sounding #2
 5'-4-38" 2" Let Gr Elev 95.2
 0-3' by hand
 3-7' 8" in 10 blows
 7-13' 15" in 10 blows
 13-16.5' 9" in 10 blows
 16.5-19' 6" in 10 blows
 19-20.5' 4" in 10 blows
 20.5-26' 3" in 10 blows
 Uniform driving



SURVEY - JOHNSON
 PLOT - WHITE
 TOWN 13-08
 BRIDGE 3496
 STATE HIGHWAY COMMISSION
 BRIDGE DIVISION
 HASKELL BRIDGE
 OVER
 HASKELL BROOK
 IN THE TOWN OF
 CANAAN SOMERSET CO.
 SURVEY
 SHEET 1 OF AUGUSTA, ME. DEC. 1945
 127-109

Analysis of the drawing shows a complex arrangement of sections. The left side features a curved section labeled 'BOTTOM' with various dimensions. The central part is a grid of sections labeled V1 through V10 and T1 through T10. The right side shows a curved section labeled 'TOP' with various dimensions. A central section is labeled 'BARREL' and 'CL. LENGTH'. A note indicates the position of the bottom plate if the barrel contains an even number of rings (24, 60, etc.) otherwise use normal stagger. The drawing is a plan view of the hull structure.

Technical drawing showing a roof plan and its circular cross-section.

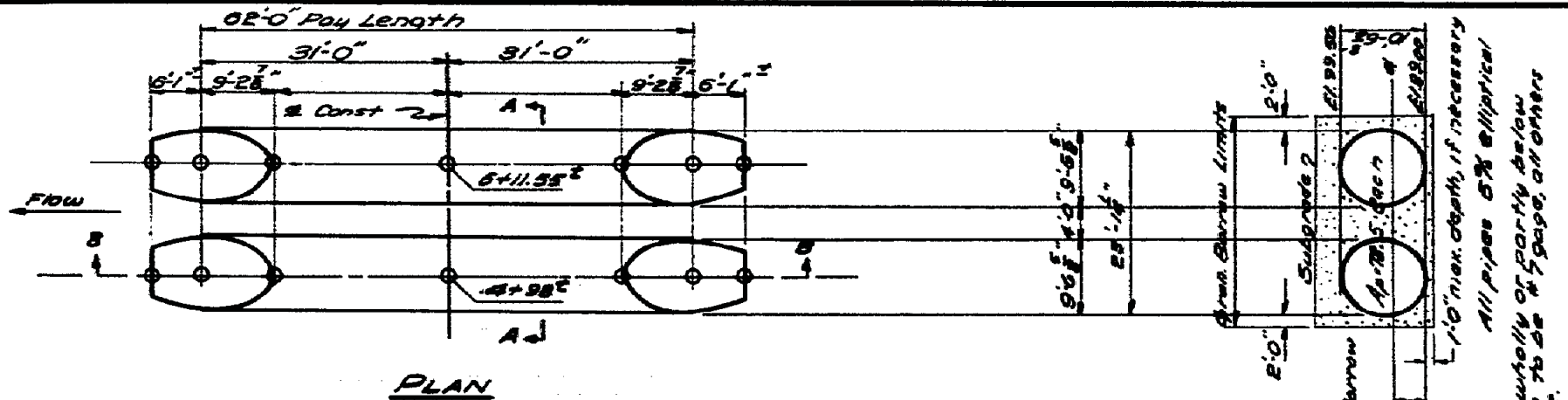
Roof Plan (Left):

- Overall width dimension: 14'-5"
- Sections labeled: T5, T6, T7, T8, T9, T10
- Section T8 has a width dimension of 1'-3"

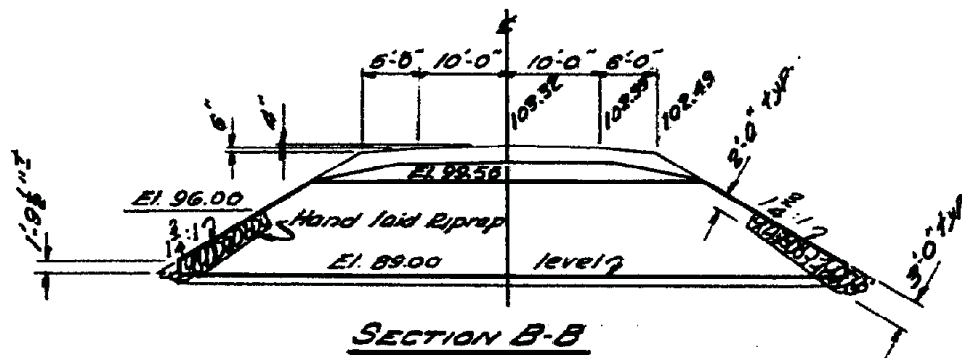
Circular Cross-Section (Right):

- Label: 120 P1
- Vertical centerline
- Horizontal centerline

Clark
was
from
11/27/50



Pipe length of pipes, 62'-0" each.



Req'd: Two 120" Structural R Pipes,
Elliptical and Unstrutted.
Loading: H20
Specs: M.S.H.C. Revision of January 1956

Construction Notes: Pipes are designed to fit a future F.A.S. section. Completed road section and grade, after installation of pipes, shall be the same as existing road section and grade except that Riprap will conform to the future F.A.S. work.

DES. C.F.W. CK. C.F.W. BR. 3496

HASKELL BRIDGE

OVER

HASKELL BROOK

IN THE TOWN OF

CANAAN

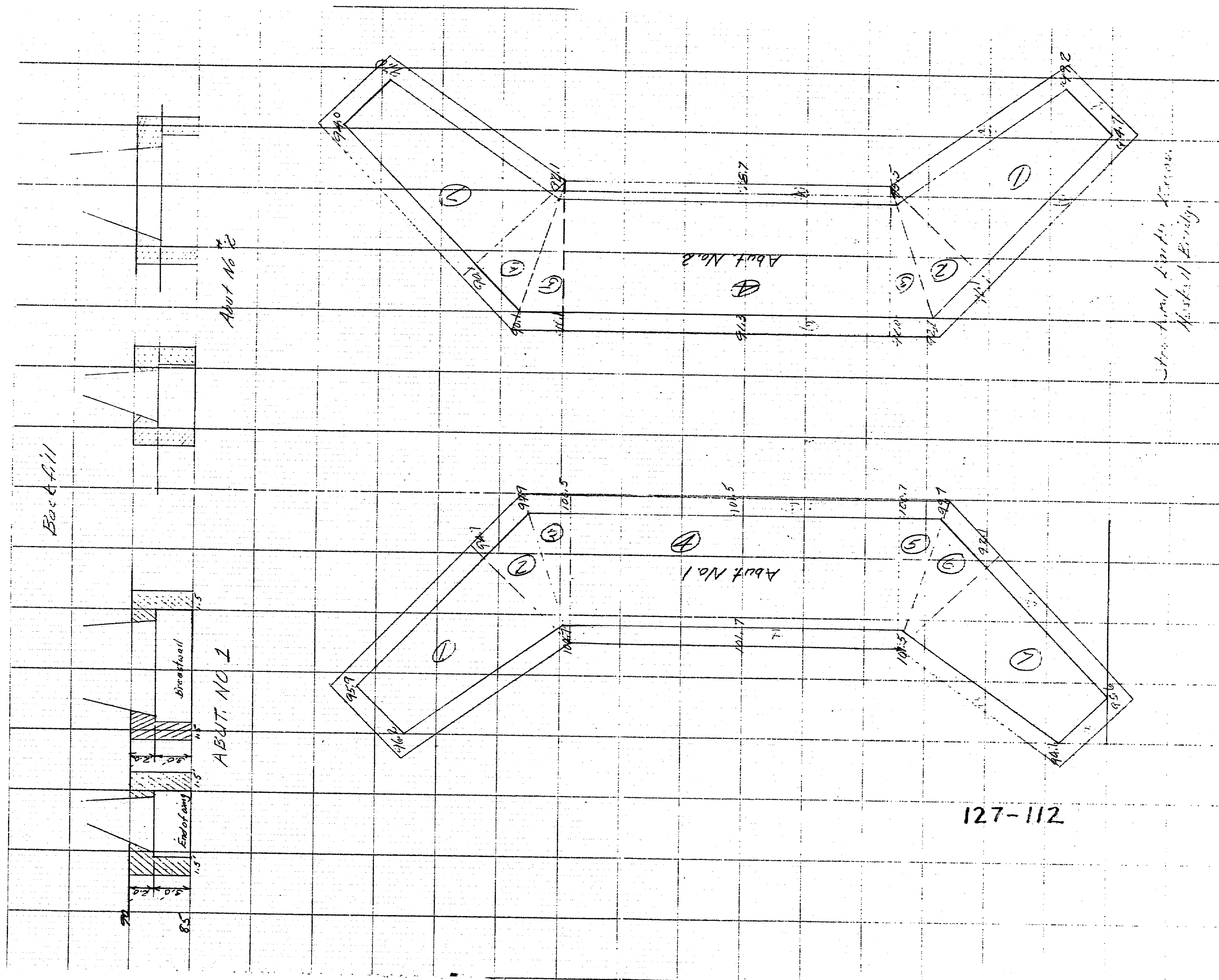
SOMERSET COUNTY

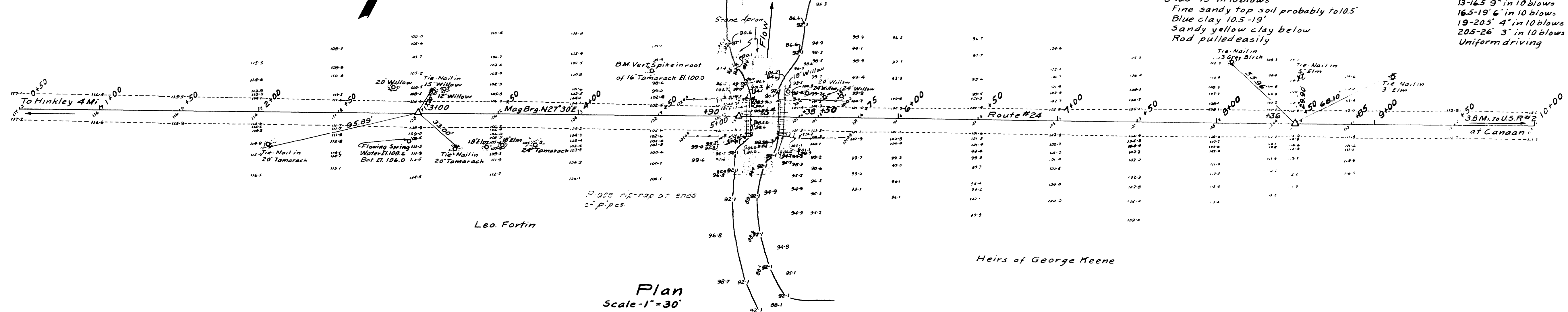
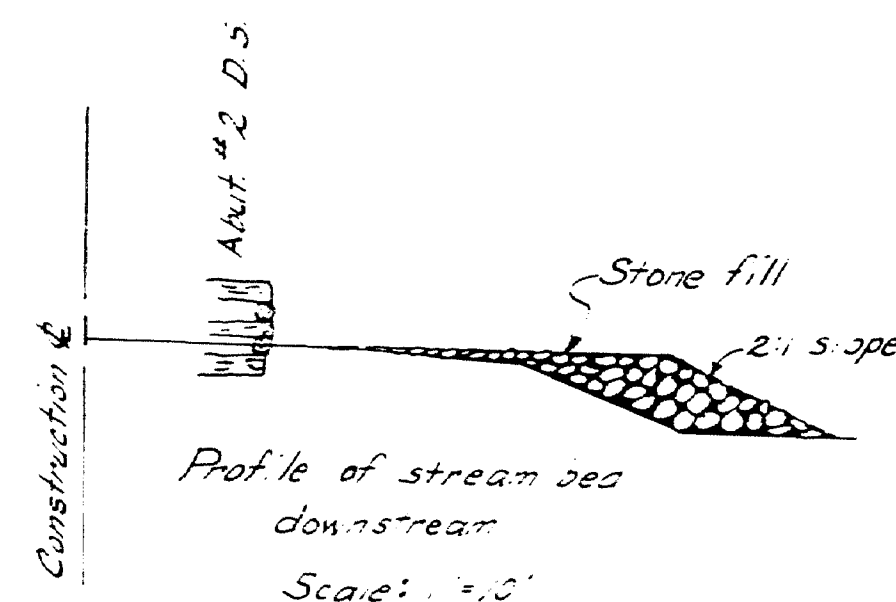
Sh of Augusta, Me. MAY 1956

127-111

SECTION A-A

All pipes 5% elliptical
All R's wholly or partly below
line 0-0 to be #7 gage, all others
#8 gage.





Notes

Existing Substructure- Stone filled log cribs in fair condition except Abut #1 U.S. corner shows signs of crushing at water line.

Existing Superstructure- 7 built up steel girders (From old Main Street bridge in Pittsfield). Floor- 3" transverse and 2" diagonal plank in fair condition. 4" spiking pieces on stringers.

Approaches- Surface treated gravel in good condition. Spring on right seeps into base.

Stream- Sluggish current at all except flood stages. Present water is average with low water at Elev. 91.6. Ordinary high water 93.1. Occasional high water at 96.0. During March 1936 ice jam at bend in stream just below bridge caused water to rise 2' over bridge or to Elev. 103.5. Ice was dynamited and water dropped to Elev. 96 almost immediately.

Foundation- Top soil of very fine sand.

Sounding #1 5' back of face of Abut #2 and 12' U.S. from U.S. corner. Ground Elev. 94.2

0-5' Wt of 2 men on wrenches 10.5-13.5 6" in 10 blows

5-7.5' 14" in 10 blows 13.5-27.5 4" in 10 blows

7.5-8' Wt of 2 men 27.5-32.3 3" in 10 blows

8-10.5' 15" in 10 blows

Fine sandy top soil probably to 10.5'

Blue clay 10.5-19'

Sandy yellow clay below

Rod pulled easily

Sounding #2 Sta 4+98 22' Left Gr. Elev. 95.2

0-3' by hand

3-7' 8" in 10 blows

7-13' 15" in 10 blows

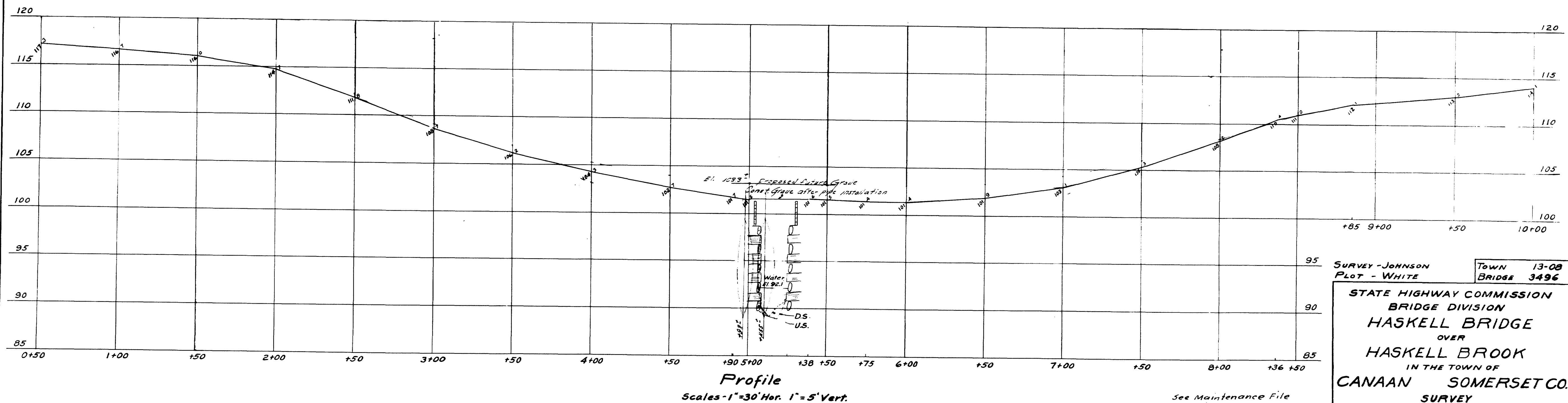
13-16.5' 9" in 10 blows

16.5-19' 6" in 10 blows

19-20.5' 4" in 10 blows

20.5-26' 3" in 10 blows

Uniform driving



SURVEY - JOHNSON
PLOT - WHITE

Town 13-08
Bridge 3496

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
HASKELL BRIDGE
OVER
HASKELL BROOK
IN THE TOWN OF
CANAAN SOMERSET CO.
SURVEY
SHEET 1 of 1 AUGUSTA, ME. DEC. 1945