

STATE OF MAINE STATE HIGHWAY COMMISSION

PLAN AND PROFILE

DURHAM BRIDGE OVER

ANDROSCOGGIN RIVER **LISBON-DURHAM**

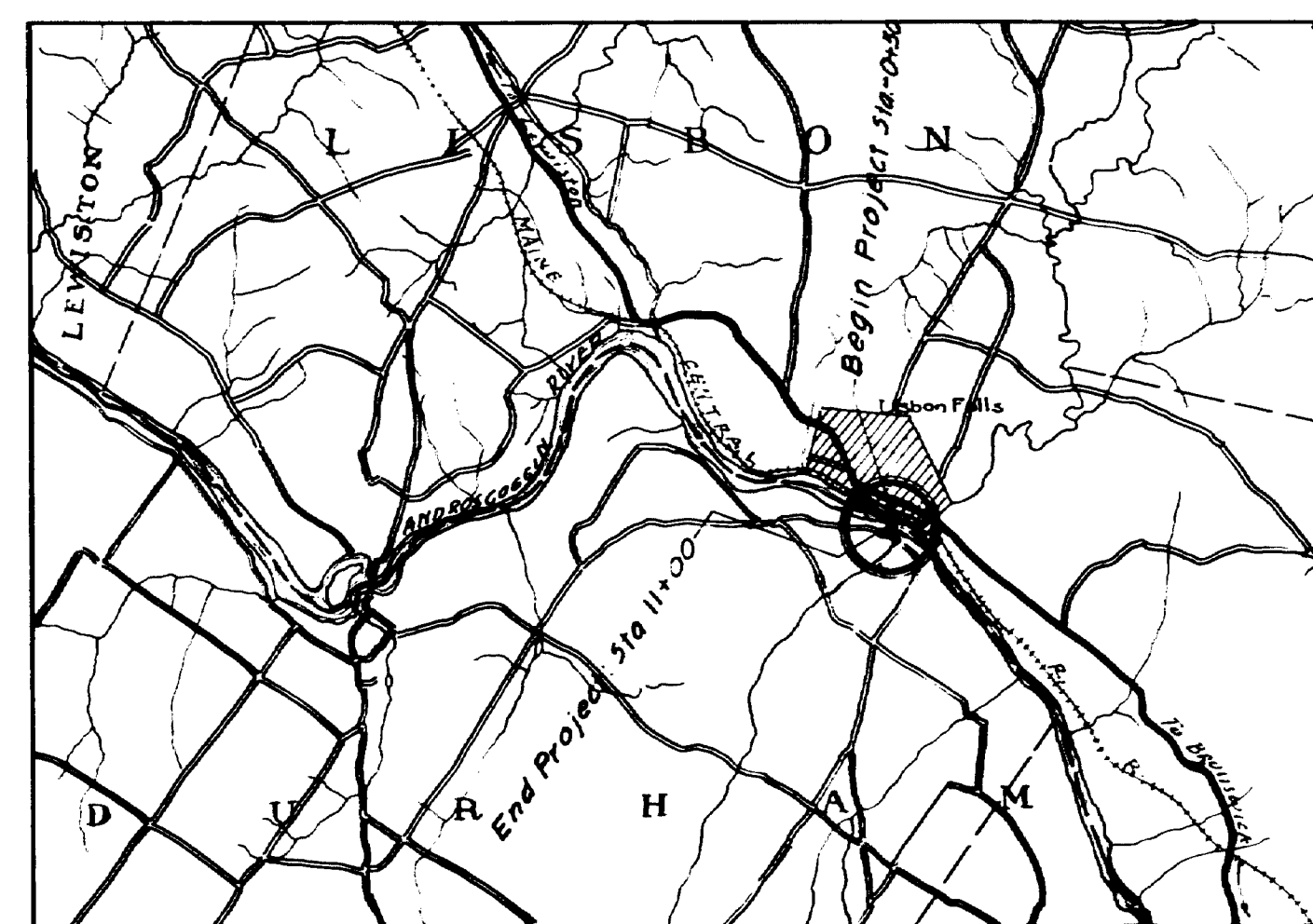
ANDROSCOGGIN COUNTY
U.S.W.P.R. PROJECT NO. 18
TOTAL LENGTH 0.217 MILES

CONVENTIONAL SIGNS

STATE OR NATIONAL LINE	-----	SURVEY LINE	-----
COUNTY LINE	-----	CULVERT	-----
TOWN LINE	-----	DROP INLET	-----
UNFENCED PROPERTY	-----	TROLLEY POLE	-----
FENCE	-----	POWER POLE	-----
RIGHT OF WAY LINE	-----	TEL. POLE	-----
TRAVELED WAY	-----	MARSH	-----
RAILROAD	-----	TREES	-----
RETAINING WALL	-----	STONE WALL	-----

INDEX OF SHEETS

SHEET NO.	TITLE PAGE
0	
1-3	SURVEY PLAN
4	PROFILE
5	LISBON ABUTMENT
6	DURHAM ABUTMENT
7	PIERS 1 & 2
8	SPAN 1
9-10	SPANS 2 & 3, TRUSSES
11-12	SPANS 2 & 3, TRUSS DETAILS
13	SPANS 2 & 3, FLOOR DETAILS



LOCATION MAP
TRACED FROM U.S.G.S. LEWISTON-FREEPORT SHEETS
SCALE 62,500

APPROVED:
MAINE STATE HIGHWAY COMMISSION

Paul C. Russell
CHAIRMAN

Charles A. Russell
DISTRICT ENGINEER

Charles A. Russell
CHIEF ENGINEER

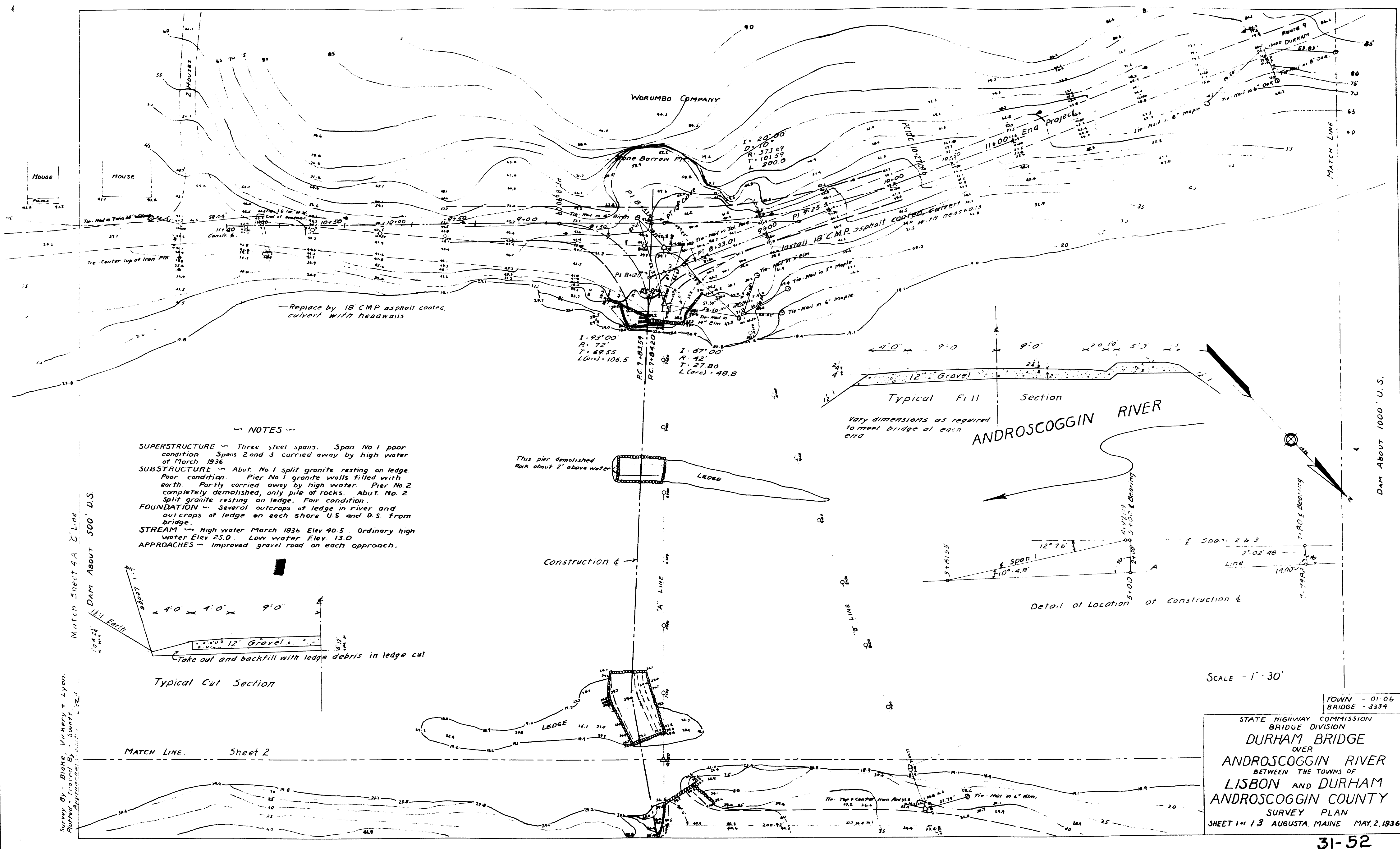
Charles A. Russell
DIRECTOR

APPROVED:
U. S. BUREAU OF PUBLIC ROADS

[Signature]
DISTRICT ENGINEER

[Signature]
CHIEF ENGINEER

[Signature]
DIRECTOR



NOTES

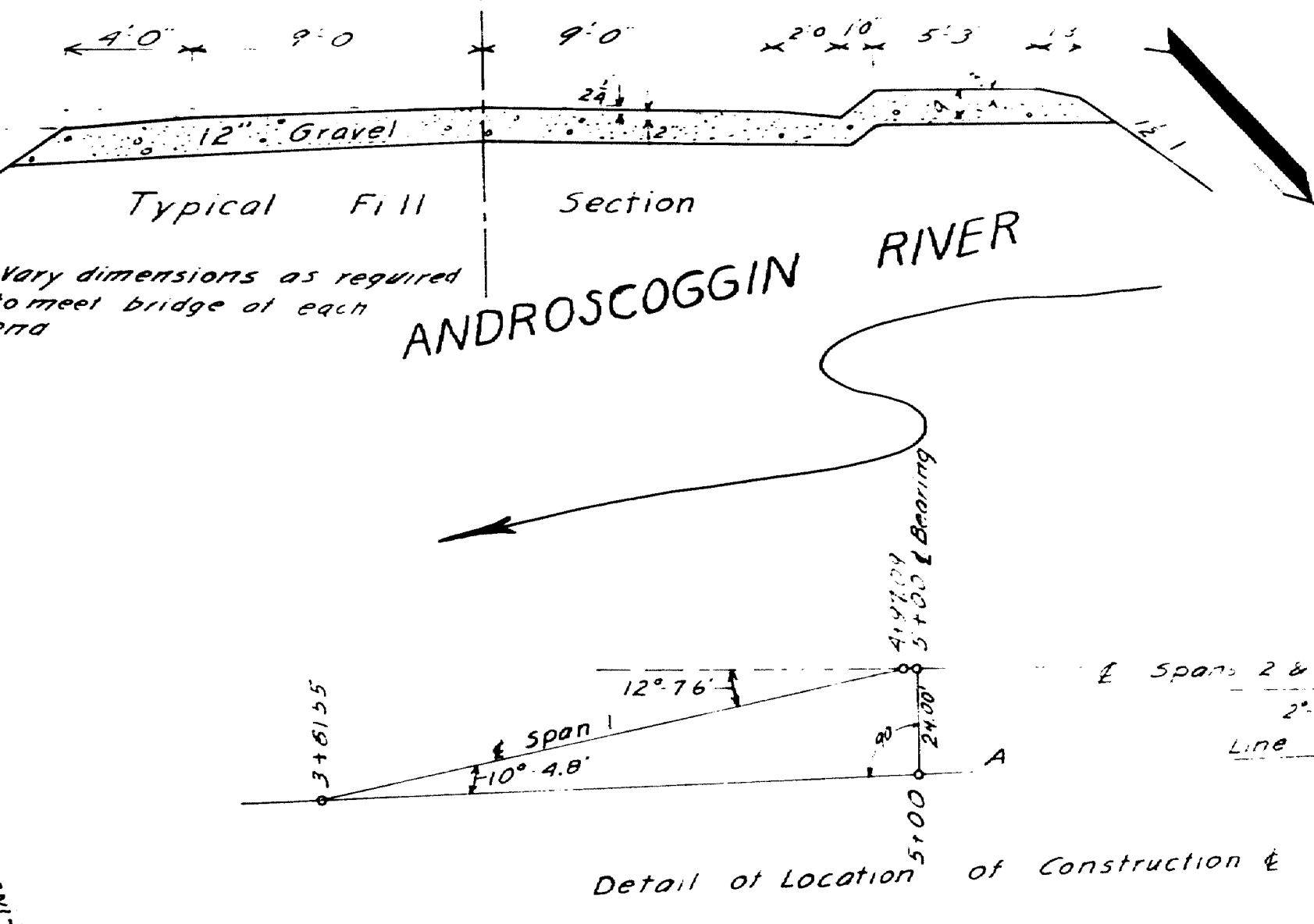
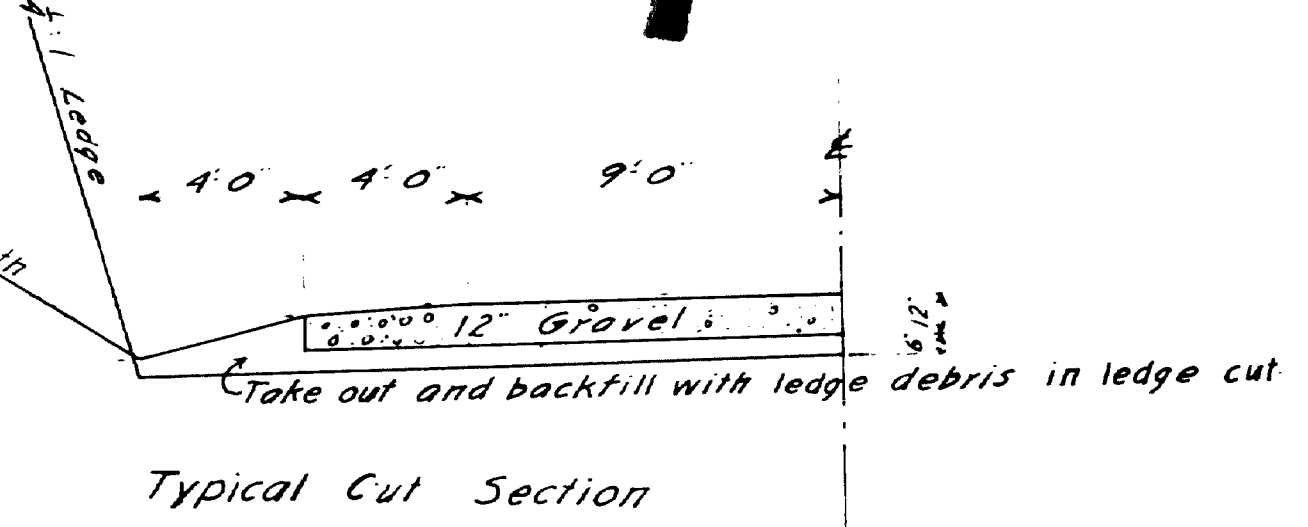
SUPERSTRUCTURE - Three steel spans. Span No 1 poor condition. Spans 2 and 3 carried away by high water of March 1936.

SUBSTRUCTURE - Abut. No 1 split granite resting on ledge. Poor condition. Pier No 1 granite walls filled with earth. Partly carried away by high water. Pier No 2 completely demolished, only pile of rocks. Abut. No 2 split granite resting on ledge. Fair condition.

FOUNDATION - Several outcrops of ledge in river and outcrops of ledge on each shore U.S. and D.S. from bridge.

STREAM - High water March 1936 Elev 40.5. Ordinary high water Elev 25.0. Low water Elev 13.0.

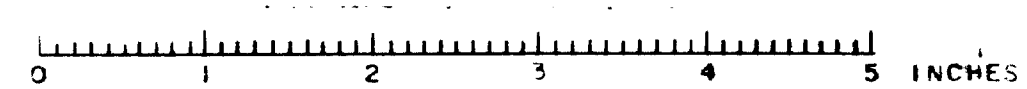
APPROACHES - Improved gravel road on each approach.

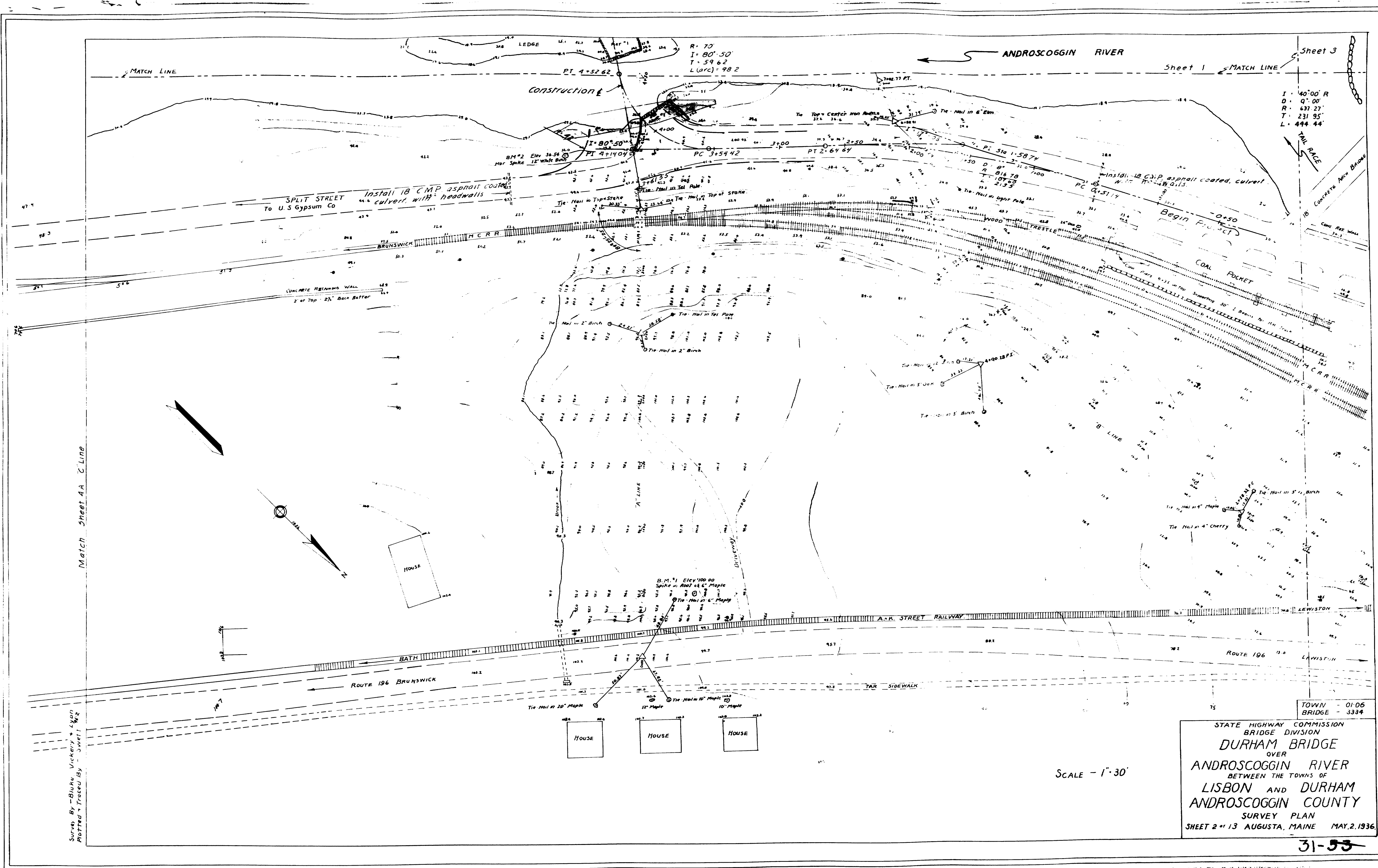


SCALE - 1" = 30'

TOWN - 01-06
BRIDGE - 3334

STATE HIGHWAY COMMISSION
BRIDGE DIVISION
DURHAM BRIDGE
OVER
ANDROSCOGGIN RIVER
BETWEEN THE TOWNS OF
LISBON AND DURHAM
ANDROSCOGGIN COUNTY
SURVEY PLAN
SHEET 1 of 13 AUGUSTA, MAINE MAY, 2, 1936.





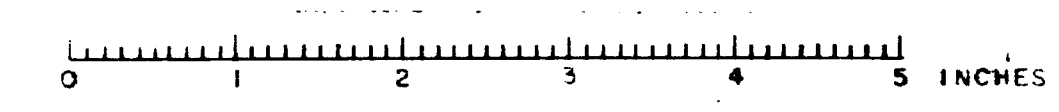
Match Sheet AA C Line

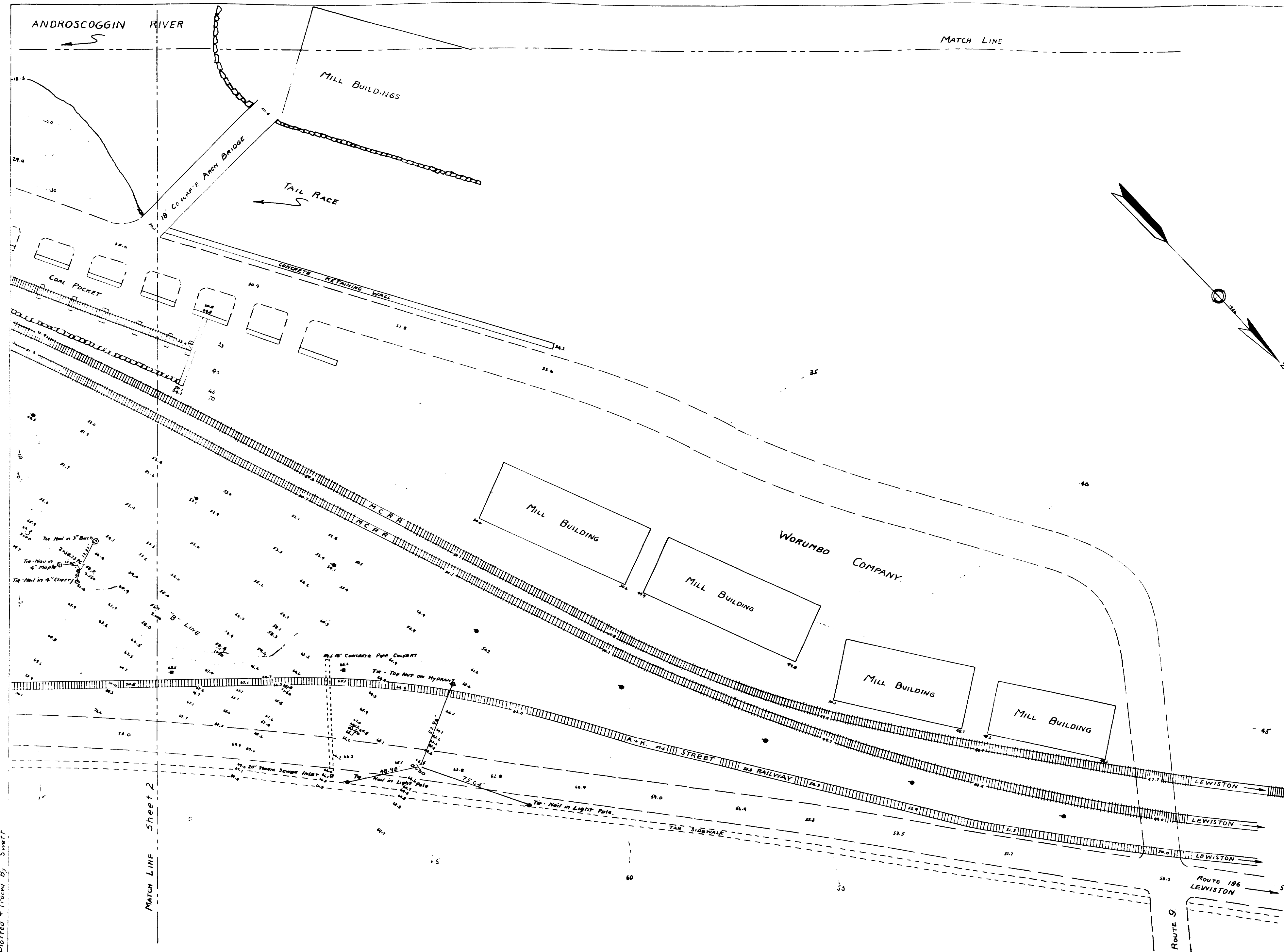
Survey By - Blake Vickers & Lyon
Plotted & Traced By - Swell W. 2

TOWN - 01.06
BRIDGE - 3334

STATE HIGHWAY COMMISSION
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ANDROSCOGGIN COUNTY
SURVEY PLAN
SHEET 2 of 13 AUGUSTA, MAINE MAY 2, 1936

SCALE - 1"=30'





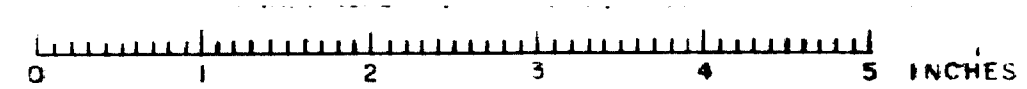
Survey by Blake V. V. & Lyon
Plotted & Traced by Sweet

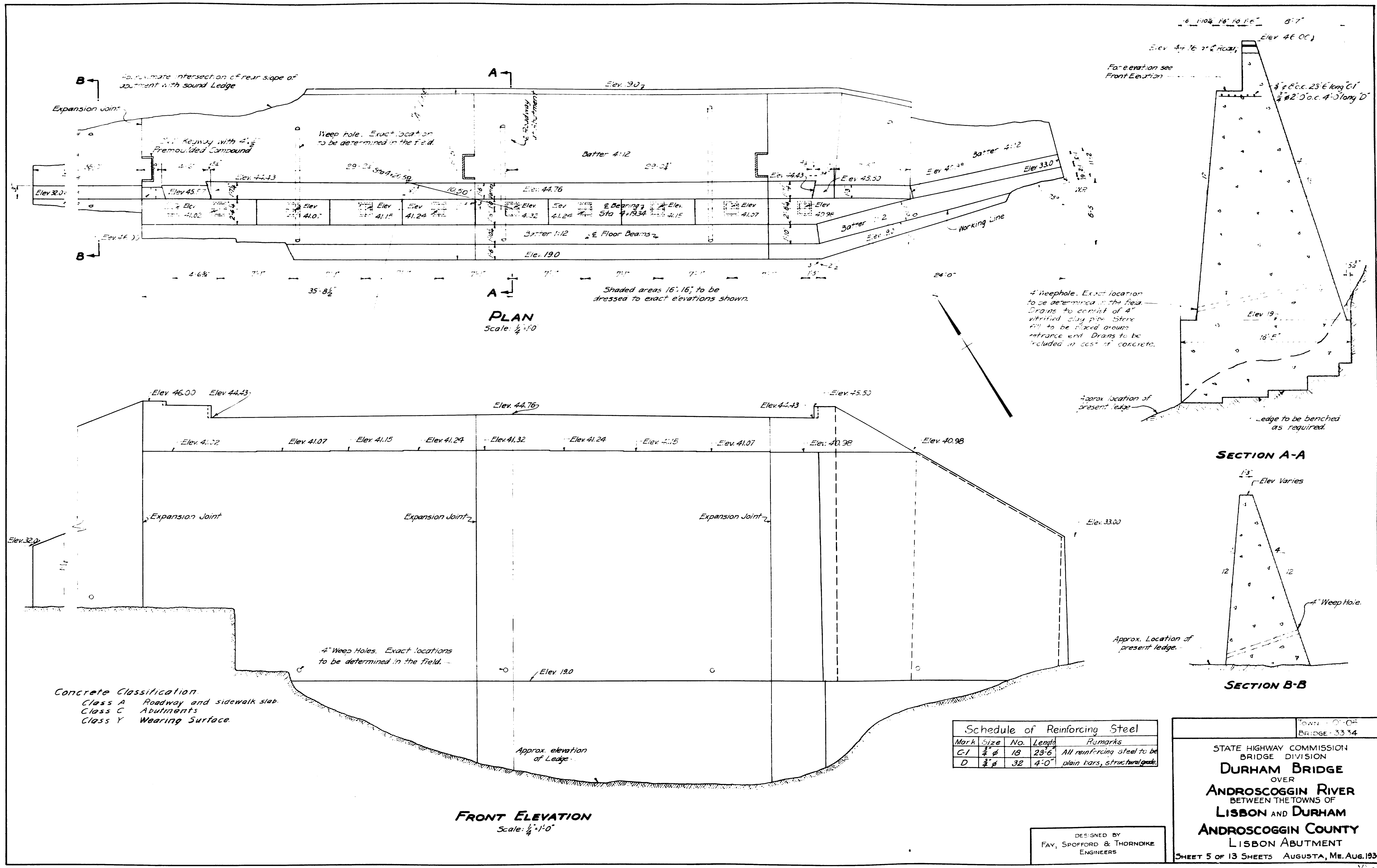
SCALE - 1" = 30'

TOWN - 0106
BRIDGE - 3334

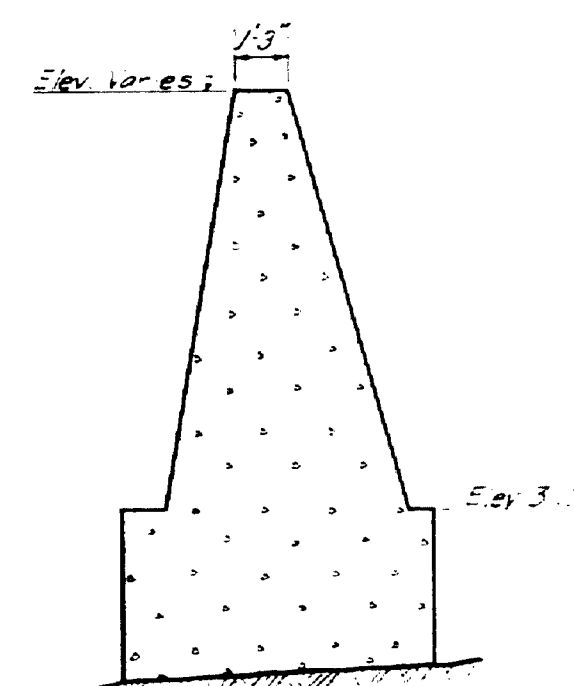
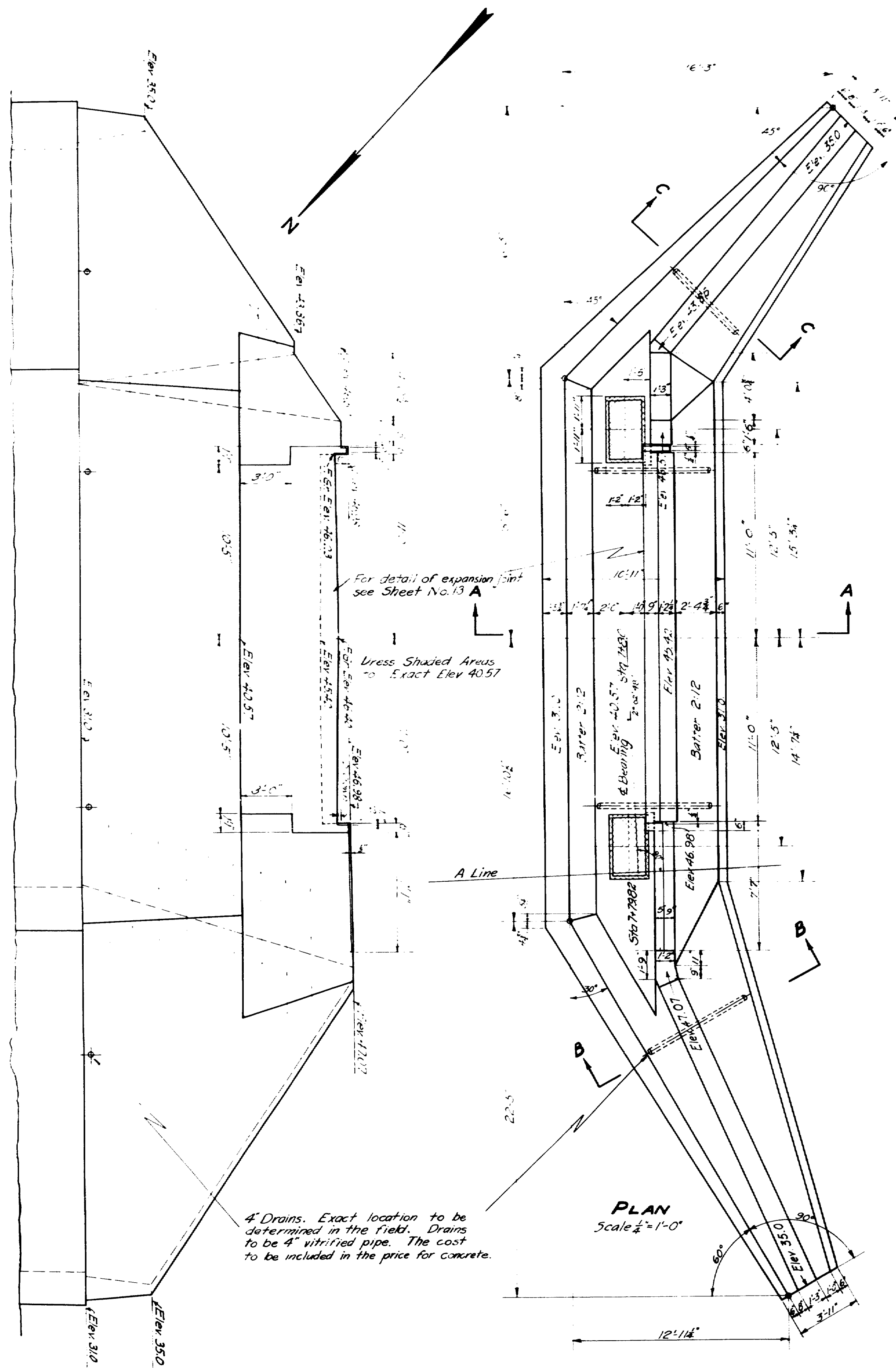
STATE HIGHWAY COMMISSION
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SURVEY PLAN
SHEET 3 of 13 AUGUSTA, MAINE MAY 2, 1936.

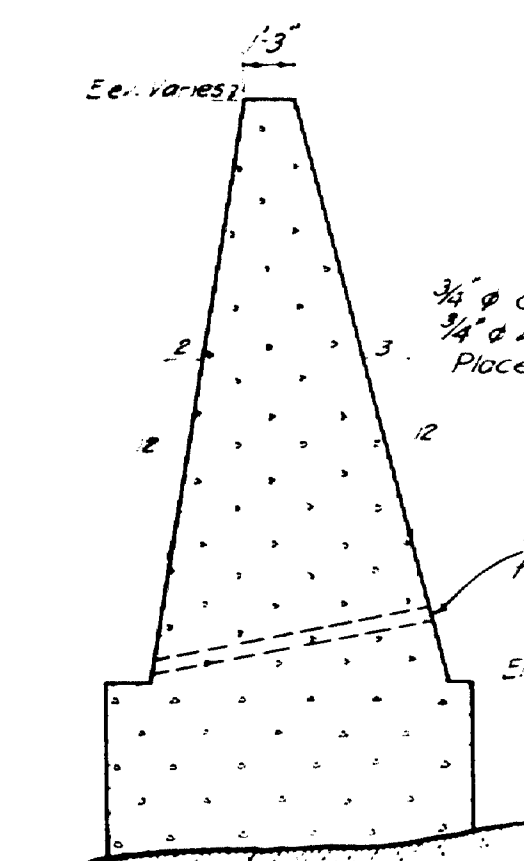




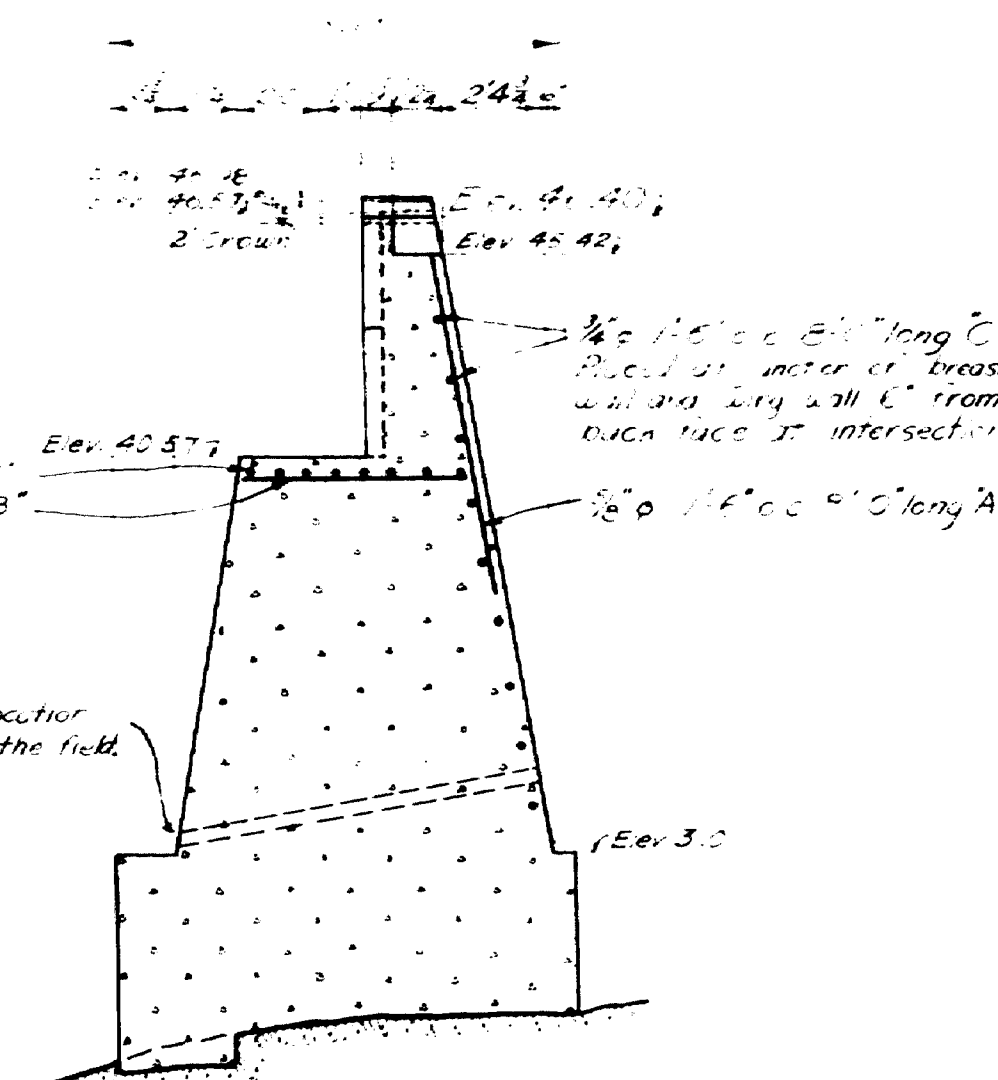
EAST ELEVATION



SECTION C-C



SECTION B-B



SECTION A-A

Note: Rock to be benched as required to secure adequate bond against sliding.

Schedule of Reinforcing Steel				
Mark	Size	No.	Length	Remarks
A	$\frac{3}{8}"$	24	8'-0"	
B	$\frac{3}{8}"$	8	5'-6"	
C	$\frac{3}{8}"$	17	5'-0"	

All reinforcing steel to be plain bars, structural grade.

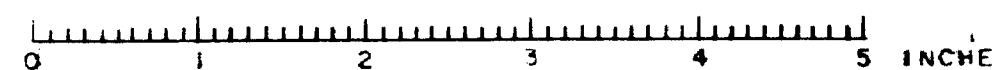
DESIGNED BY
FAY, SPOFFORD & THORNDIKE
ENGINEERS

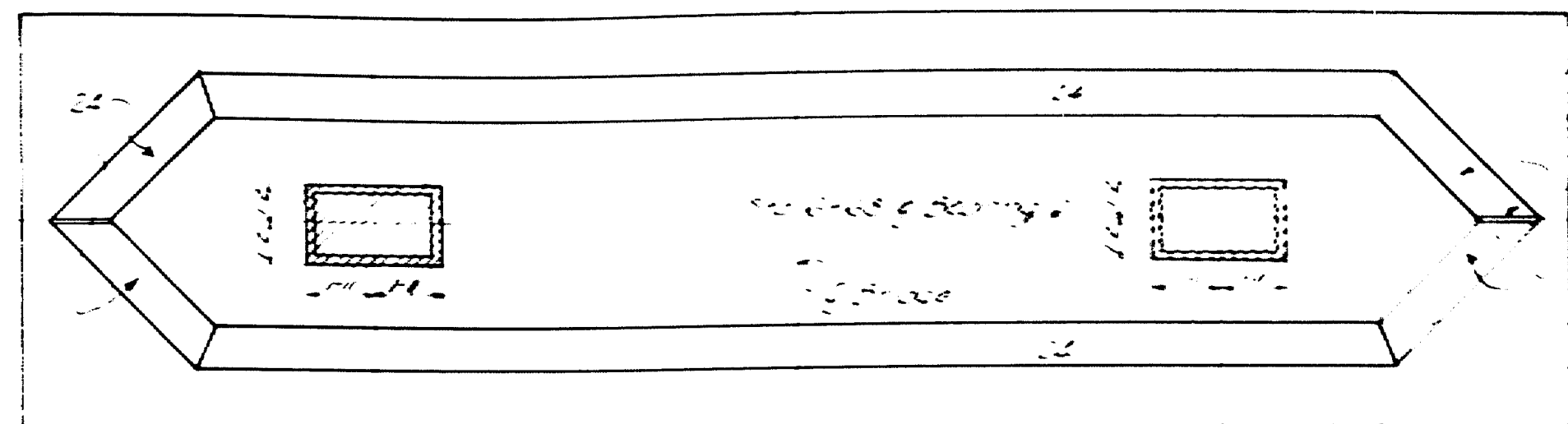
Town 01-06
BRIDGE 3334

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

DURHAM BRIDGE
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ANDROSCOGGIN COUNTY
DURHAM ABUTMENT

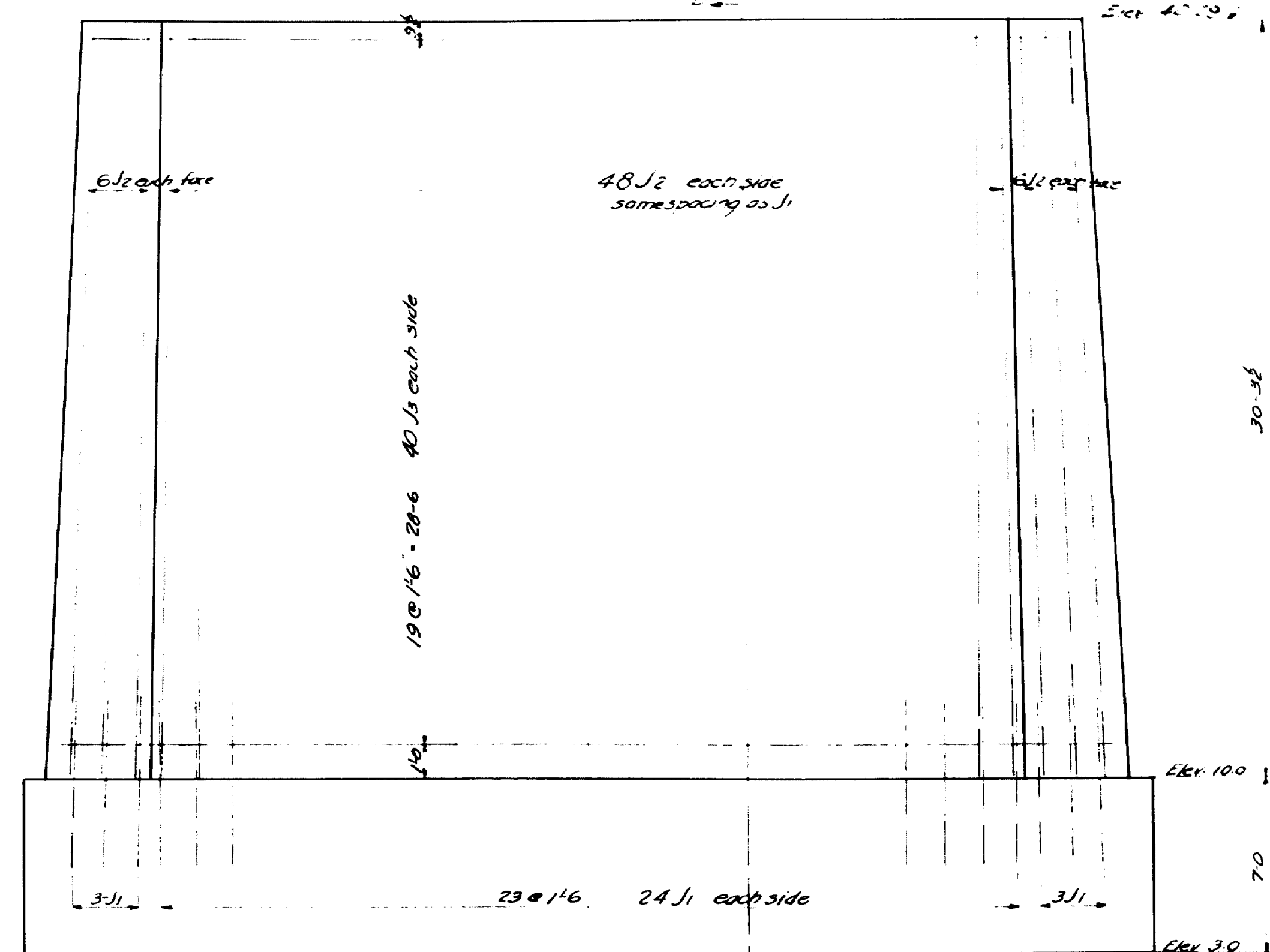
SHEET 6 OF 13 SHEETS AUGUSTA, ME. AUG. 1936



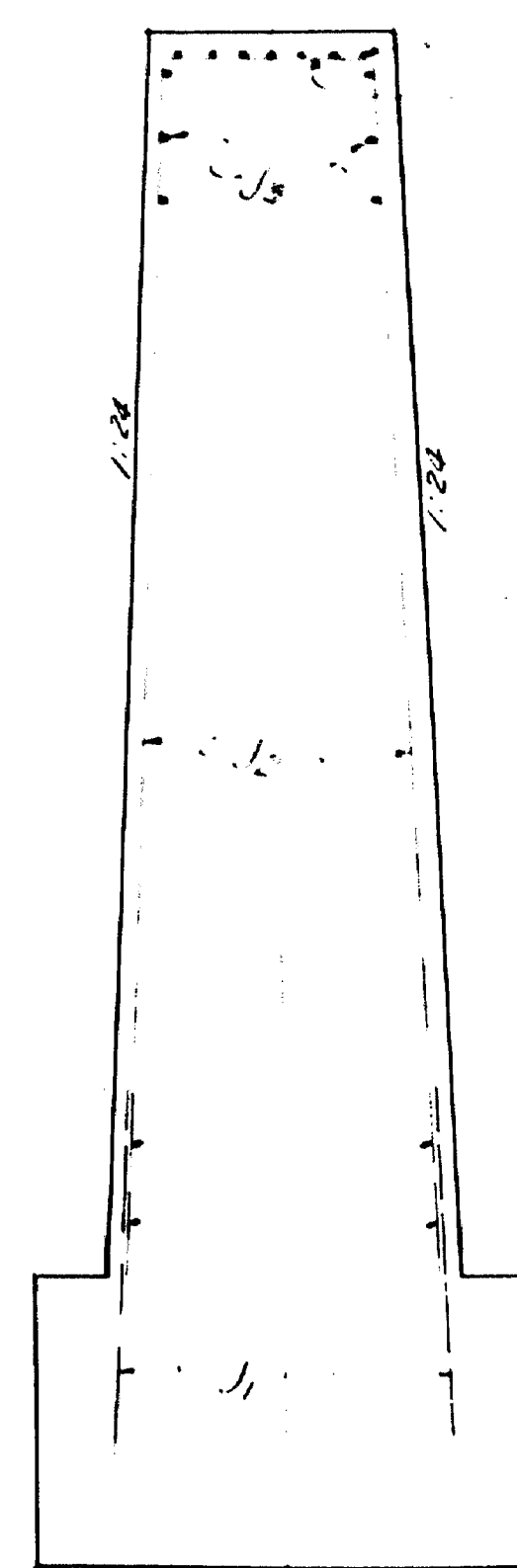


22'-0" 17'-0" 17'-6" 22'-0"

PLAN PIER



SIDE ELEVATION



SECT. B-B.

ITEM	QUANTITY	UNIT	REMARKS
1	30	cu yd	Concrete for pier
2	20	cu yd	Concrete for abutment
3	10	cu yd	Concrete for approach
4	5	cu yd	Concrete for base
5	10	cu yd	Concrete for foundation

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DURHAM BRIDGE
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BETWEEN THE TOWNS OF
LISBON AND DURHAM
ANDROSCOGGIN COUNTY
PIER 2

SHEET 7A OF 13 AUGUSTA, ME. FEB. 1931

31-59

0 1 2 3 4 5 INCHES

