

INDEX OF SHEETS
SHEET NO. 1 TITLE PAGE
TYPICAL CROSS-SECTION OF IMPROVEMENT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SECTION	SHEET NO.	TOTAL SHEETS
9	VT.	108-B	1082	1	

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY

FEDERAL AID PROJECT

TOWN OF WOODSTOCK

ROUTE U.S. 4

Pin# 99R182

RUTLAND-WOODSTOCK ROAD

BRIDGE LOCATED

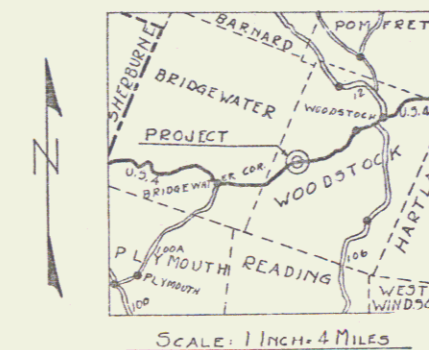
3.0 MILES EASTERLY OF JUNCTION

ROUTE NO. 100.0 1/2

LENGTH BRIDGE & APPROACHES	FEET-	MILES
.. ROADWAY -----	.. =	..
.. PROJECT -----	.. =	..

SCALES

PLAN	1 INCH = 20 FEET
PROFILE HORIZONTAL	1" = 20'
.. VERTICAL	1" = 20'
CROSS SECTIONS	1" = 5'



Project: FAP 108N

MP 1.223-1.147

Br # 47

RIGHT-OF-WAY DIVISION

TOWN FILE

PERPETUAL

of US 4
(To Be Returned To R.O.W. Division)

APPROVED:

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

COMMISSIONER OF HIGHWAYS

01/01/32

CONVENTIONAL SIGNS	
COUNTY LINE	GROUND ELEVATION
TOWN LINE	GRADE ELEVATION
FENCE LINE	
STONE WALL	
UNFENCED PROPERTY	
GUARD RAIL	
TRAVELED WAY	
RAILROAD	
RETAINING WALL	
CENTER LINE	
SURVEY LINE	
CULVERT	
DROP INLET	
TROLLEY POLE	
POWER POLE	
TELEPHONE POLE	
TREES	
WATER	

CURVE DATA	
DEFLECTION ANGLE	Δ
DEGREE OF CURVE	D
RADIUS OF CURVE	R
TANGENT DISTANCE	T
LENGTH OF CURVE	L
EXTERNAL DISTANCE	E
POINT OF INTERSECTION	P. I.
POINT OF CURVE	P. C.
POINT OF TANGENT	P. T.
POINT ON TANGENT	P. O. T.

BRIDGE ON ROUTE U.S. 4
MILEAGE STA. 985+32

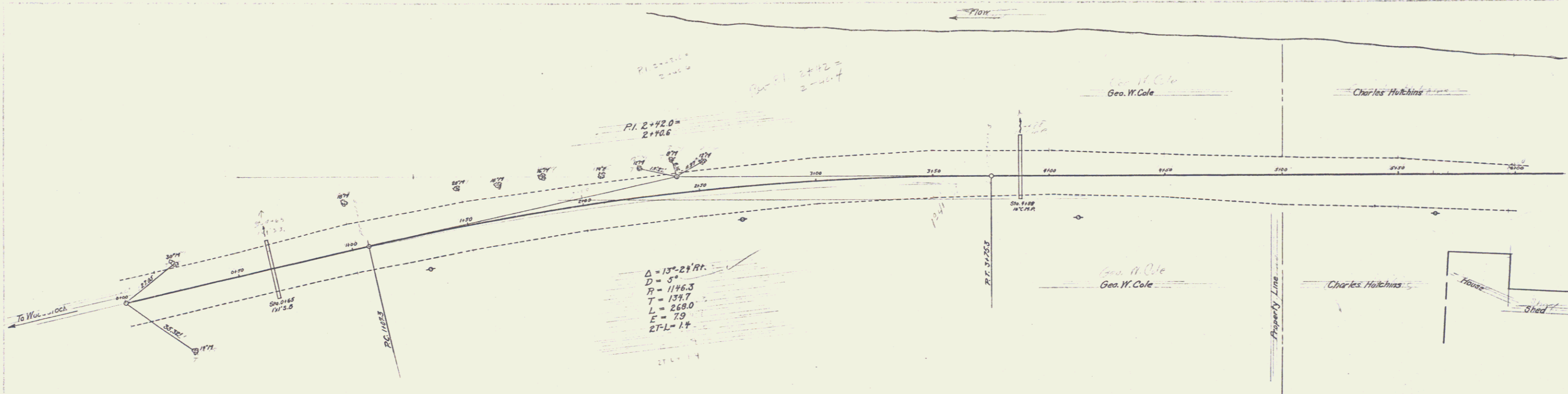
RECOMMENDED FOR APPROVAL

RECOMMENDED FOR APPROVAL

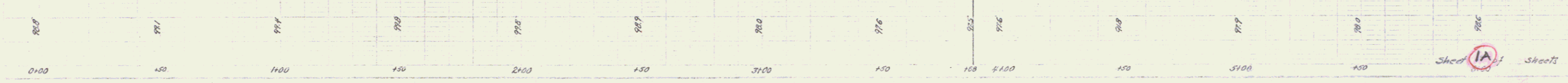
APPROVED

SERIES F.A.P. NO. 108B FILED
SHEET 1 OF 1

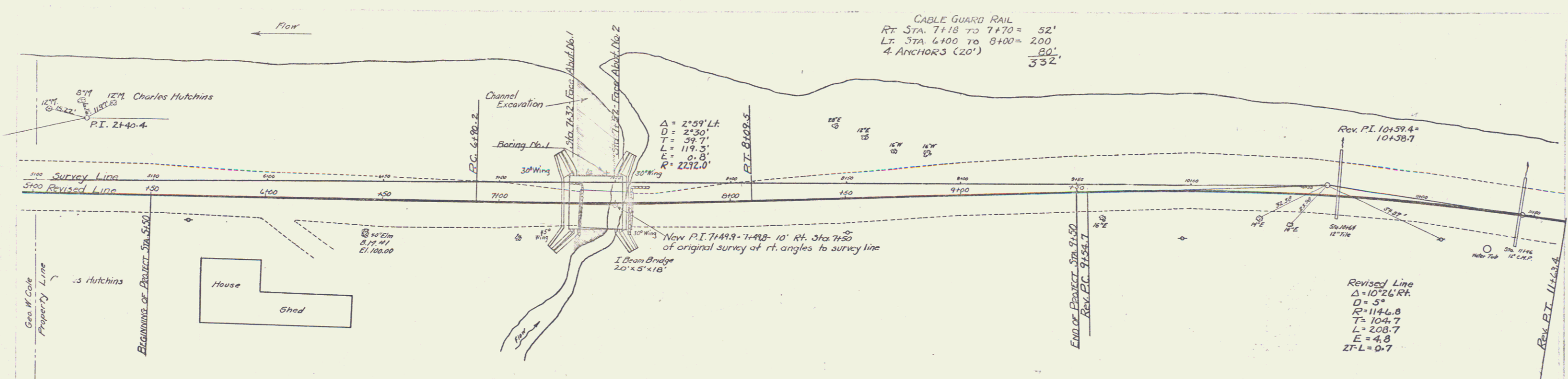
DIST # 4 PLANS



$\Delta = 13^\circ 24' 14''$
 $D = 57'$
 $R = 1146.3$
 $T = 134.7$
 $L = 268.0$
 $E = 7.9$
 $2T-L = 1.4$



WOODSTOCK BRIDGE
 U.S. ROUTE #4
 F.A.P. #100N



CABLE GUARD RAIL
 RT STA. 7+18 TO 7+70 = 52'
 LT STA. 6+00 TO 8+00 = 200'
 4 ANCHORS (20') $\frac{80'}{352'}$

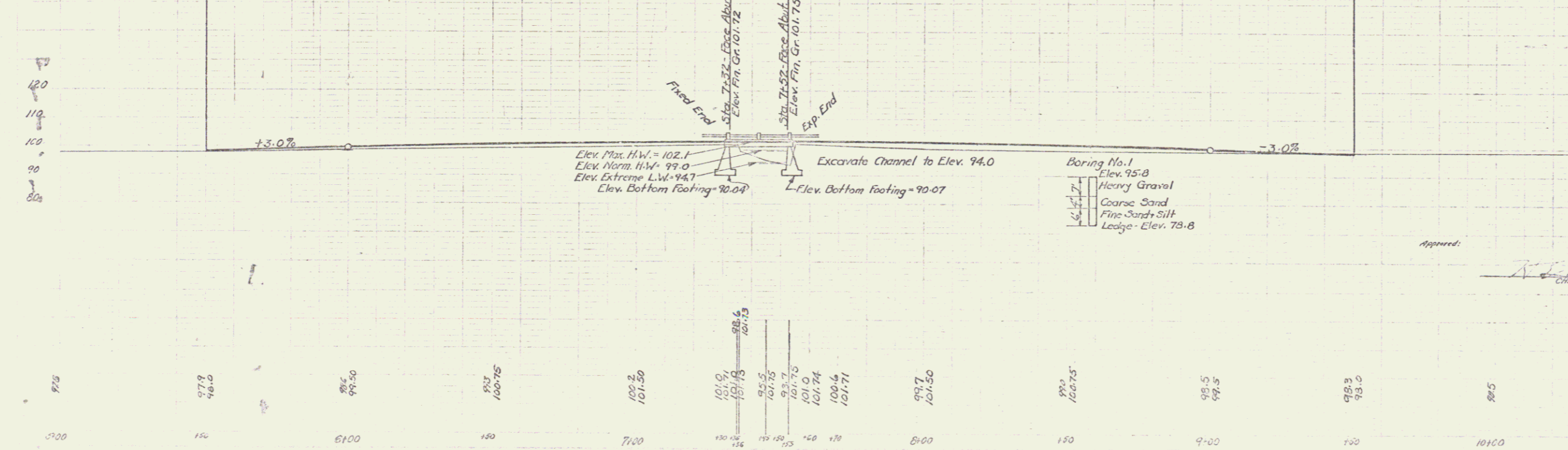
$\Delta = 2^{\circ}59' L.R.$
 $D = 2^{\circ}30'$
 $T = 39.7'$
 $L = 119.3'$
 $E = 0.8'$
 $R = 2272.0'$

Revised Line
 $\Delta = 10^{\circ}26' R.R.$
 $D = 5'$
 $R = 1146.8$
 $T = 104.7$
 $L = 208.7$
 $E = 4.8$
 $ZL = 0.7$

B.M. #1 Elev. 100.00 Spike in root 40 Elm 22' rt. Sta. 6+41

BEGINNING OF PROJECT STA. 350
 MP 1.223

END OF PROJECT STA. 950
 MP 1.147



INDEX OF SHEETS

SHEET No. 1	PLAN AND PROFILE
" 2	SLAB 20' NO. CR (20' SPAN ONE SUR)
" 3	SLAB NO. SQUARE 11' x 8'
" 4	SECTION 2 TYPICAL DETAILS
" 5 & 6	CROSS SECTIONS

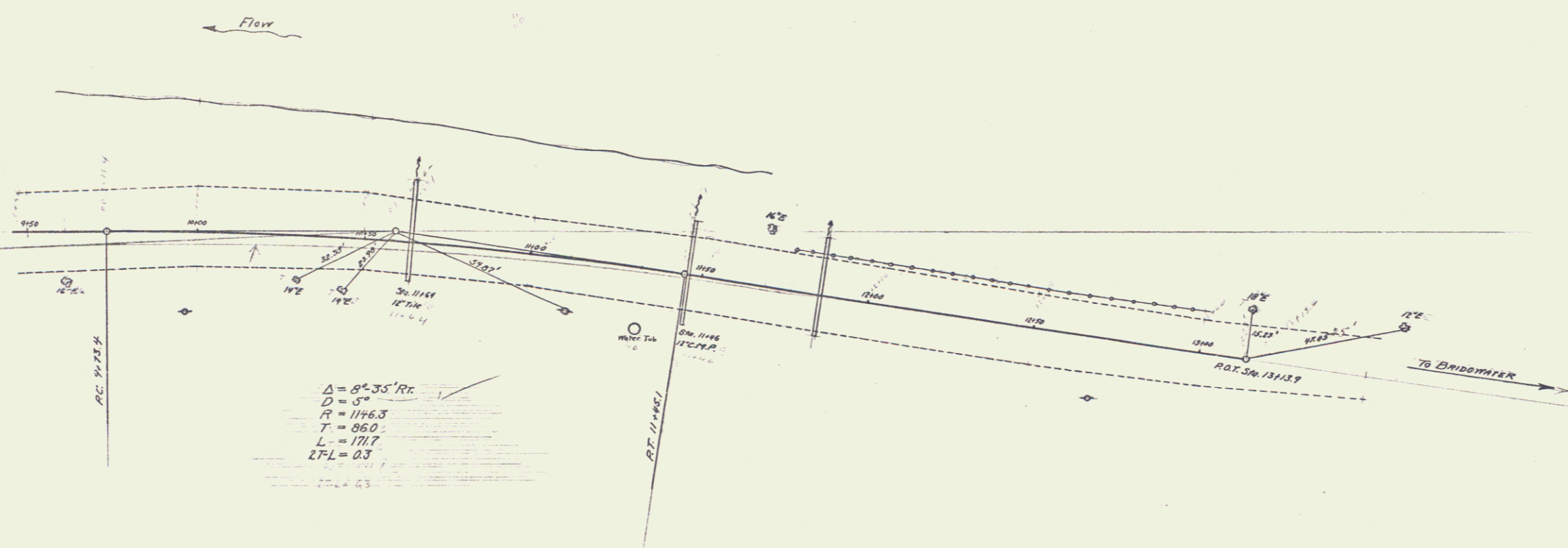
ESTIMATE OF QUANTITIES

ITEM 10-11	COMMON EXC. INC. BORROW	306	Cu Yds
" 14	CHANNEL EXCAVATION	62	" "
" 15	STRUCTURE EXCAVATION	199	" "
" 20	GRAVEL SURFACE COURSE	210	" "
" 33A	CONCRETE CLASS A	35	" "
" 33C	CONCRETE CLASS C	96	" "
" 34	REINFORCING STEEL	4780	LBs. 120
" 47	CABLE GUARD RAIL	332	LN FT.
" 55	TEMPORARY BRIDGE AND MAINTENANCE TRAFFIC REMOVING PRESENT SUPERSTRUCTURE	1	L.S. 110
		1	L.S. 100
			90
			80

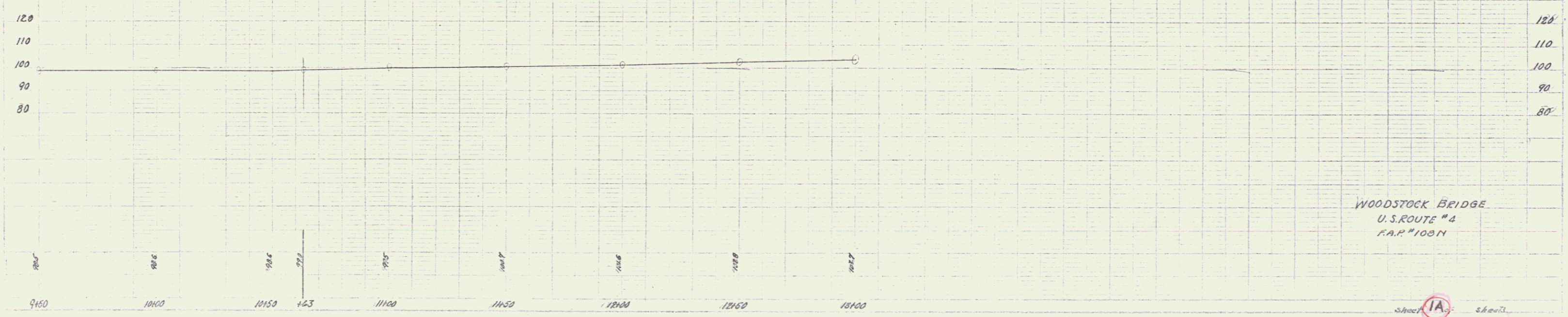
CORRECT
 A.W. Sealab
 CIVIL ENGINEER

WOODSTOCK BRIDGE
 U.S. ROUTE "4"
 F.A.P. # 1084

Sheet 1 of 6 sheets
 1100



$\Delta = 9^{\circ} 35' RT$
 $D = 3'$
 $R = 146.3$
 $T = 86.0$
 $L = 177.7$
 $2T-L = 0.3$



WOODSTOCK BRIDGE
 U.S. ROUTE #4
 F.A.P. #108H

IA