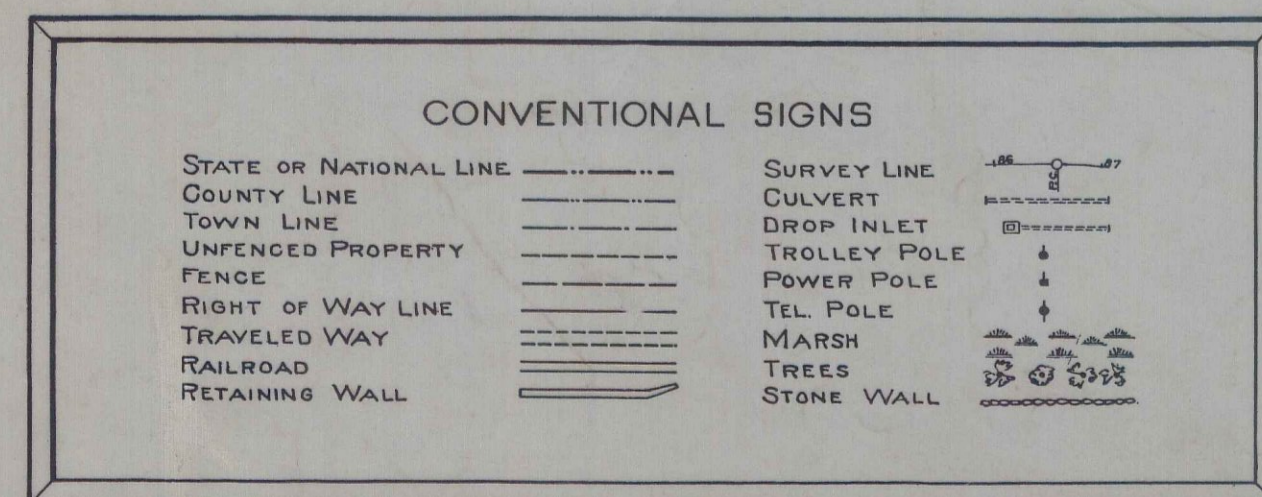


P.R.A. DIV. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	MAINE	F-84 (16)		1	15

Hampden

STATE OF MAINE STATE HIGHWAY COMMISSION

PLAN AND PROFILE STATE HIGHWAY "L" ⁹⁹ (1A) HAMPDEN PENOBSCOT COUNTY FEDERAL AID PROJECT NO. F-84 (16)



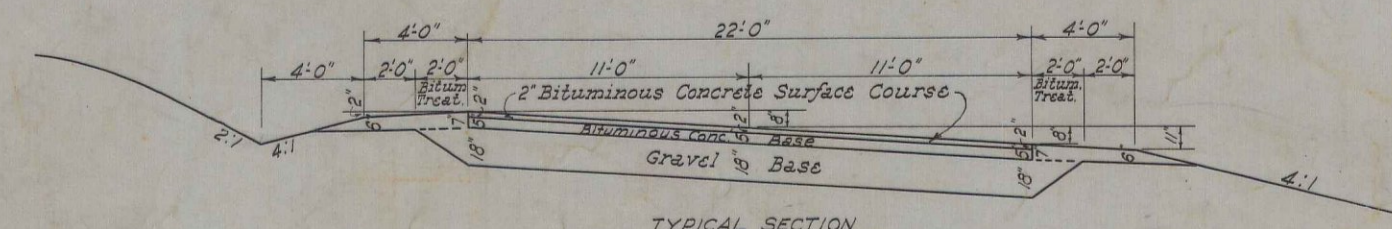
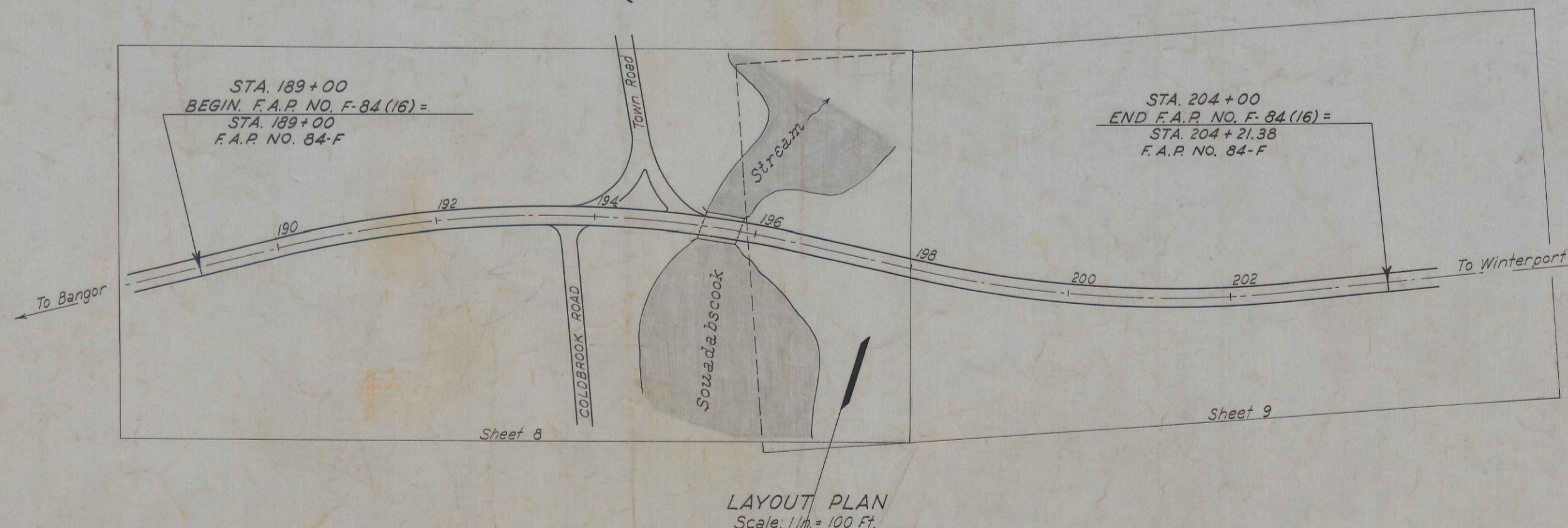
INDEX OF SHEETS

SHEET NO.	TITLE PAGE	STA.
SHEET No. 1	TYPICAL SECTIONS	STA. 189+00 TO STA. 204+00
SHEET No. 2	PLAN AND PROFILE	STA. " " " "
SHEET No. 8-9	CROSS-SECTIONS	STA. " " " "
SHEET No. 5-6-7	BRIDGES	STA. " " " "
SHEET No. 3-4	SPECIAL DETAILS	

Sheet Nos. 3-4 Standard approved Jan. 7, 1947

SH. 5 to 7 out to Bridge Maint.

TOTAL LENGTH 0.284 MILES
 SCALES: PLAN 1 IN. = 30 FT.
 PROFILE HOR. 1 IN. = 50 FT.
 VER. 1 IN. = 5 FT.
 CROSS SECTIONS 1 IN. = 5 FT.



All work contemplated under this contract to be governed by and in conformity with the specifications approved May 24, 1945, except as modified on these plans.

APPROVED:
MAINE STATE HIGHWAY COMMISSION

[Signature] CHAIRMAN
[Signature]
[Signature] CHIEF ENGINEER

RECOMMENDED TO THE
DISTRICT ENGINEER
FOR APPROVAL

JUNIOR HIGHWAY ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY
RECOMMENDED FOR
APPROVAL

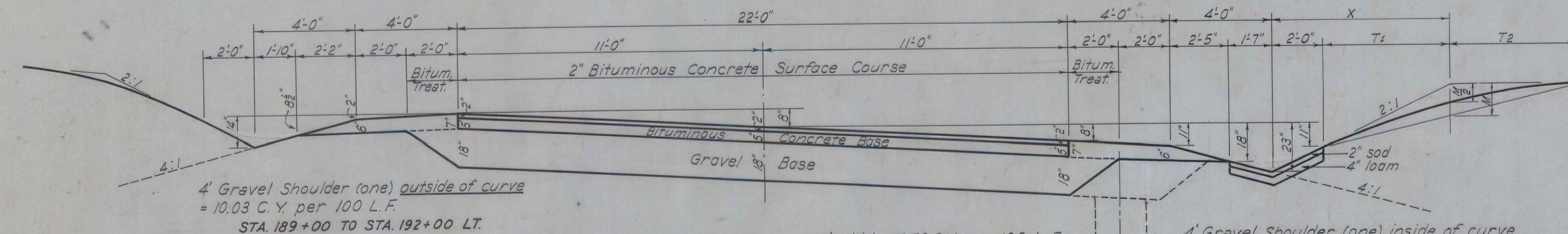
DISTRICT ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

APPROVED

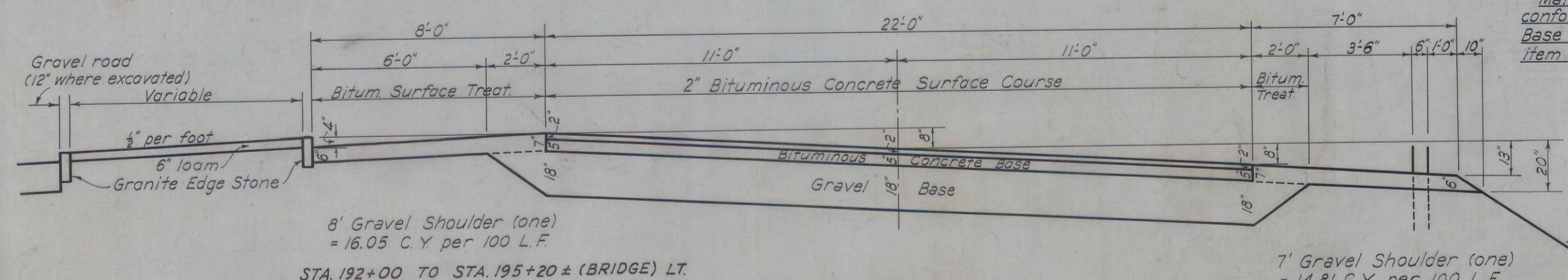
DIVISION ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

2" BITUMINOUS CONCRETE SURFACE COURSE

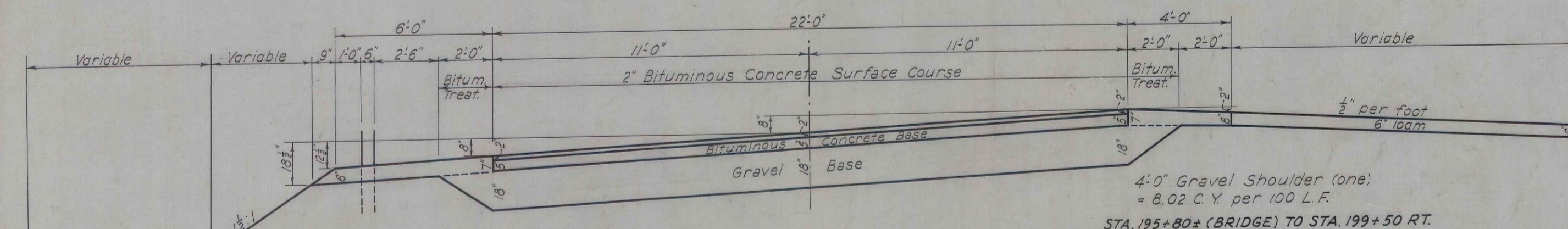
Where 'X' equals 7 feet or less, both T₁ and T₂ equal 'X'-2.
Otherwise T₁ and T₂ equal X÷5, but neither T₁ nor T₂ shall equal less than 5 feet nor more than 10 feet.
To avoid property damage and to save shade trees this formula may be modified.



For all sections depth of ditch depends on local conditions.
Depth of bases as shown may be changed to meet local conditions.



Material for Gravel Shoulders shall conform with specifications for Gravel Base Course and shall be paid for under item No. 24-A.



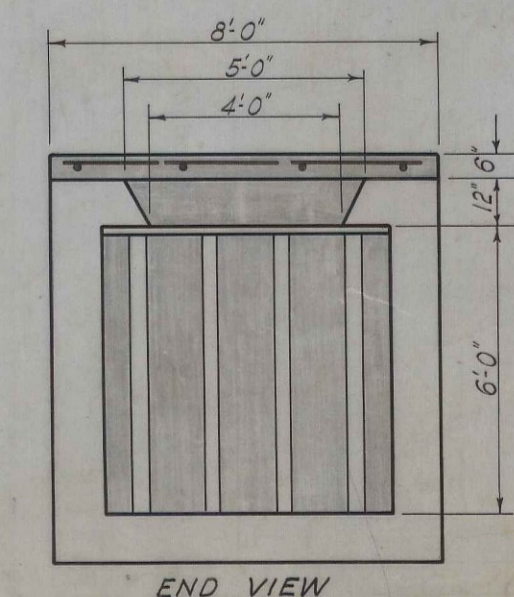
Hand-laid Riprap
STA. 196+25 TO STA. 198+80 LT.

4'-0" Gravel Shoulder (one)
= 8.02 C.Y. per 100 L.F.
STA. 195+80± (BRIDGE) TO STA. 199+50 RT.

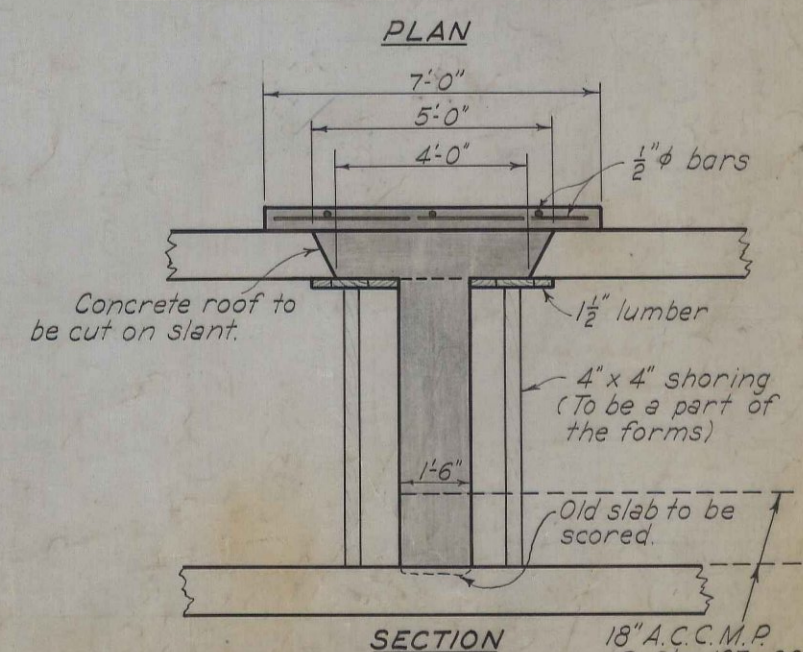
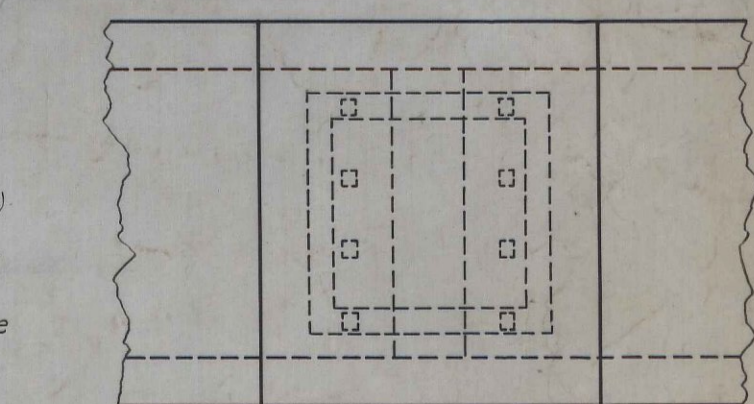
ESTIMATED QUANTITIES (ROAD)			
ITEM	DESCRIPTION	QUANTITY	UNIT
12-A	Earth Excavation	5400	C.Y.
12-B	Rock Excavation	100	C.Y.
12-E	Trees Removed	9	Each
13	Excavation for Structures	855	C.Y.
17-A	Common Borrow	200	C.Y.
24-A	Gravel Base Course	2620	C.Y.
24-B	Base Outlets	30	C.Y.
33-A	Surface Treated Gravel Course	100	C.Y.
27	Bituminous Concrete Base Course	1040	Tons
33-B	Bituminous Material	1500	Gals.
37-A	Bituminous Concrete Surface Course	430	Tons
42-A	Class A Concrete	3	C.Y.
42-B	Class B Concrete	3	C.Y.
43	Steel Reinforcement for Concrete Structures	12850	Lbs.
47-C	12" Cor. Metal Pipe	22	L.F.
47-D	15" " " "	30	L.F.
48-E	18" Asph. Coat Cor. Metal Pipe	60	L.F.
50-C	18" Reinf. Conc. Pipe	52	L.F.
55-G	Underdrain Outlets	100	L.F.
50-A	12" Reinf. Conc. Pipe	60	L.F.
52-B	Drop Inlets - Type B	1	Each
54	Hand-laid Riprap	530	C.Y.
55-B	Underdrain - Type B	350	L.F.
65-B	Wire Cable Guard Rail - Type B	730	L.F.
65-C	Anchorage	6	Each
67-B	Loam Borrow	400	C.Y.
68	Sodding	150	S.Y.
52-C	Catch Basin - Type A	1	Each
70	Right of Way Monuments	10	Each
71	Sprinkling	30	Hours
73	Traffic Officers	200	Man Hrs.
80	Removing Reinforced Concrete Pavement	3400	S.Y.
78	Removing Concrete in Structures	25	C.Y.
79	Granite Edge Stone	200	L.F.
81	Relocating Steel Plate Guard Rail	100	L.F.
BRIDGE			
4-A	Cofferdams		Lump Sum
56	Concrete in Abutments	270	C.Y.
64	Concrete in Superstructure, T-beam Type	48	C.Y.
68	Concrete Rail	113	L.F.
72	Cement	430	Bbbs.
76	Removal of Existing Concrete Rail	202	L.F.
77	Removal of Existing Concrete (except rail)	5	C.Y.
75	Expansion Bearing	1	Each
OTHER BRIDGE QUAN. ARE INCLUDED IN ROAD ITEMS			

Removing concrete roofs over millrace extension, over fishway outlet and cutting holes (4' square) thru top of box to be paid for as "Removing Concrete in Structures."

It will not be required to remove forms or shoring.



MILLRACE BULKHEAD



SECTION

18" A.C.C.M.P. @ Sta. 197+30-Lt.

"L" - Hampden

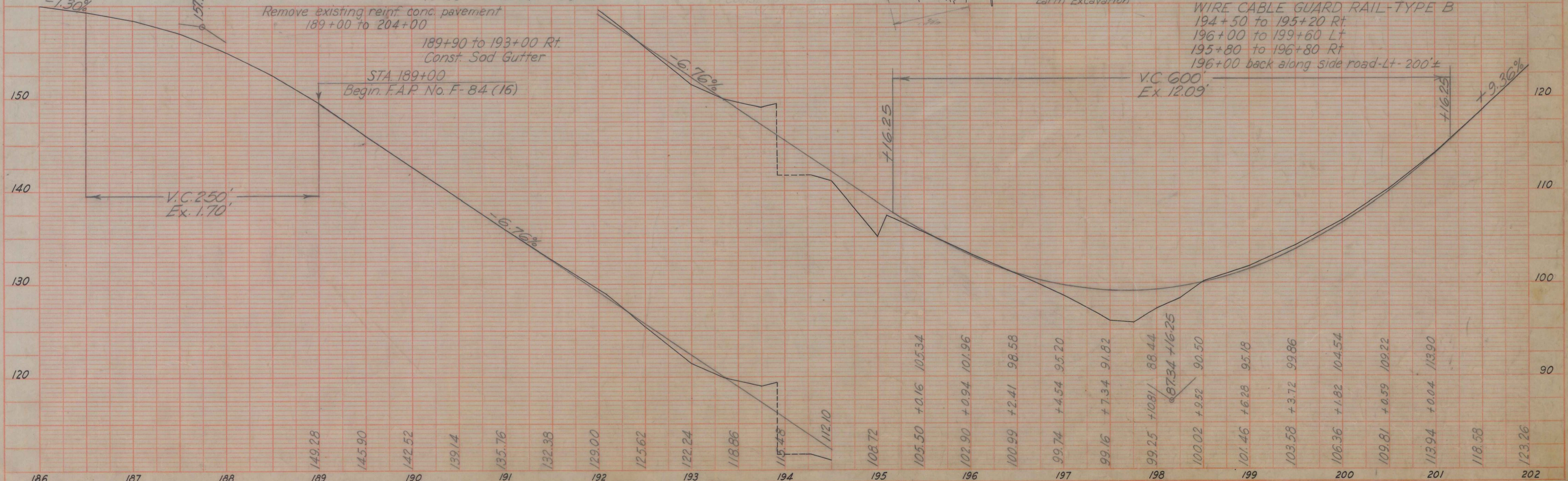
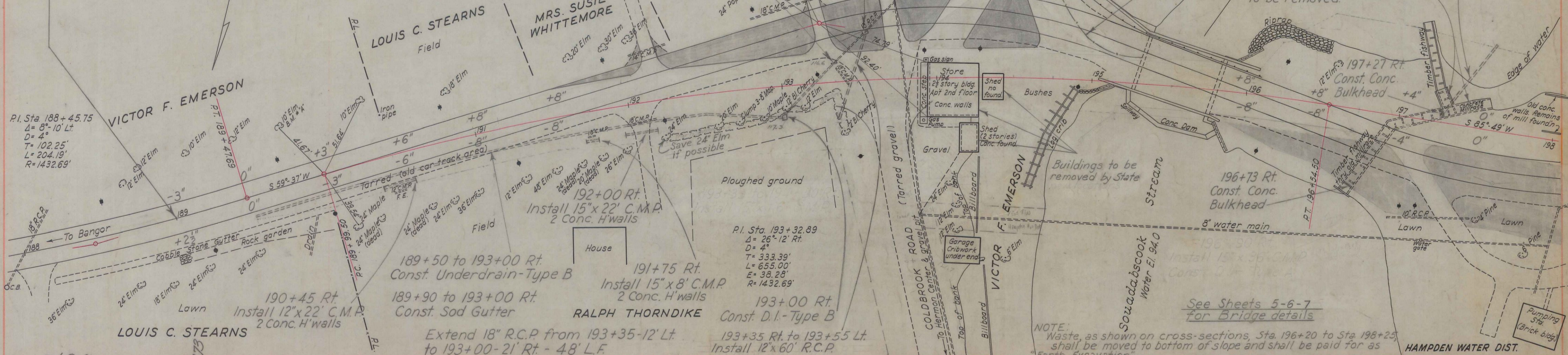
Sta 189+00 Beg. of
F.A. Proj. No. F-84 (16)
= Sta 189+00
F.A. Proj. 84-F

Shaded sections indicate
areas to be loamed

193+55 Lt.
Const. C. Basin-Type A
MRS. HATTIE JENNINGS

Place Granite Edge
Stone around island

Timber fishway to be removed
only where necessary to install
bulkheads. Payment for removing
said timber fishway to be included
in the contract unit price of
"Concrete Class A"
197+27 Lt.
Install 18"x60' A.C.C.M.P.
196+25 to 198+80 Lt.
Const. Hand-laid Riprap
Concrete roofs over millrace
extension and over fishway
to be removed.



P.R.A. DIV. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
1	MAINE	F-84 (16)	9	15

Sta. 204+00 End of
F.A. Proj. No. F-84 (16)
= Sta. 204+21.38
F.A. Proj. 84-F

P.I. Sta. 200 + 47.28
 $\Delta = 18^\circ 27' Lt$
 $D = 4^\circ$
 $T = 232.70'$
 $L = 461.25'$
 $E = 18.77'$
 $R = 1432.69'$

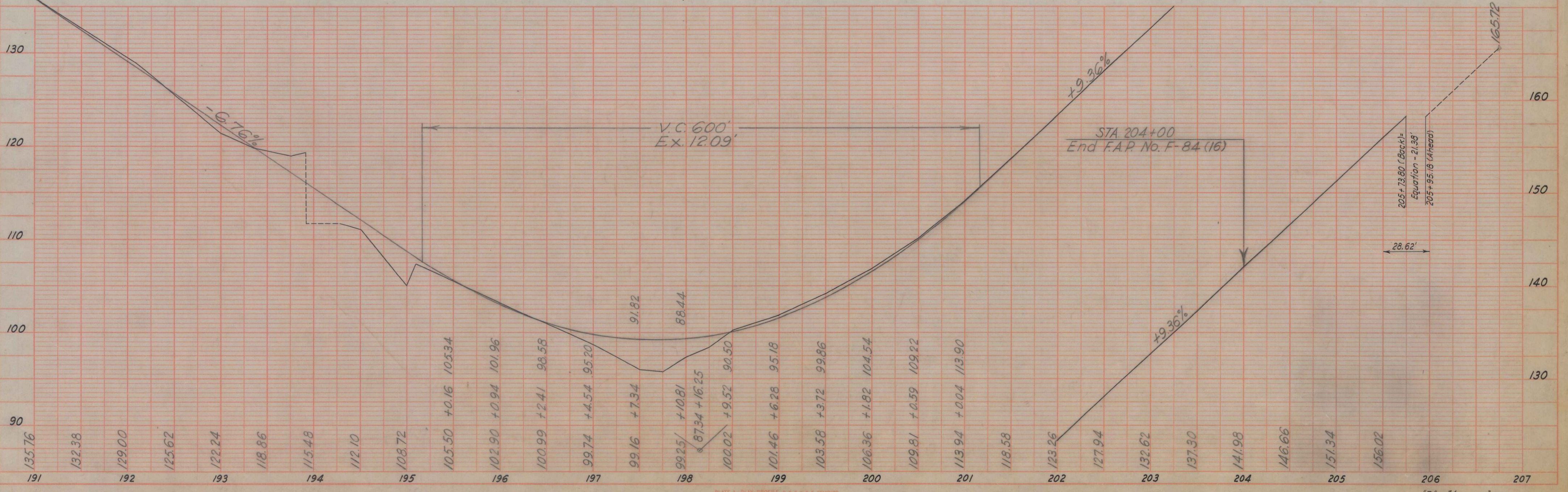
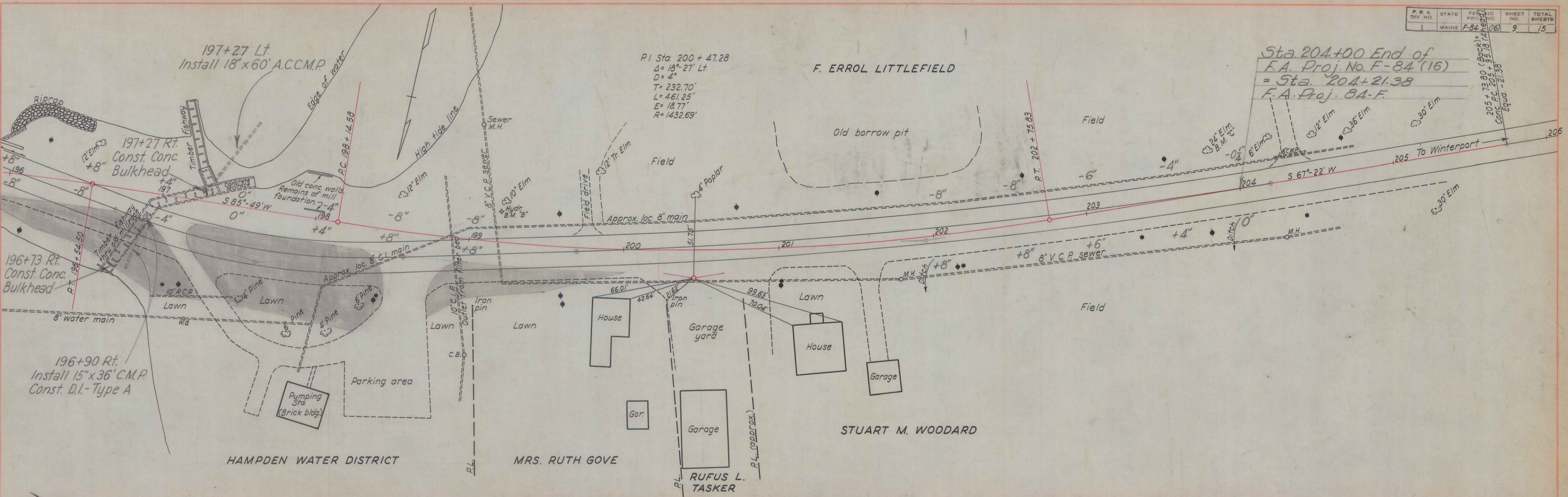


PLATE 1 - PLAN-PROFILE C.R.R. & S. STANDARD
REDFORD & SONS CO. NEW YORK

R.E.E. CO. NO. 345-50
NEW YORK, N.Y.

"I" - Hampden