

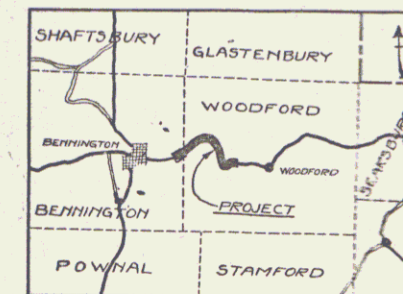
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"	2	2A TYPICAL CROSS-SECTIONS OF IMPROVEMENT
"	3	PLAN AND PROFILE STA.
"	4	"
"	5	"
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"	20	STANDARD STRUCTURE SHEETS
"	21	"
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"	23	CROSS SECTIONS

STATE OF VERMONT STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

34 FEDERAL AID PROJECT

TOWNS OF BENNINGTON-WOODFORD BENNINGTON-BRATTLEBORO ROAD



Scale - 1 inch = 4 Miles.

BEGINNING 786 FEET SOUTH OF THE BENNINGTON — WOODFORD
TOWN LINE AND EXTENDING EASTERLY 3.561 MILES

LENGTH OF PROJECT = { 18,803.0 FT. = 3.561 MILES INCLUDING BRIDGES OVER 20 FT SPAN } Including Non-Government
 { 18,733.0 FT. = 3.547 MILES EXCLUDING BRIDGES OVER 20 FT SPAN } Participation.
 { 18,778.0 FT. = 3.556 Miles, including bridges over 20' span } Government Participation Only.
 { 18,733.0 FT. = 3.547 - excluding

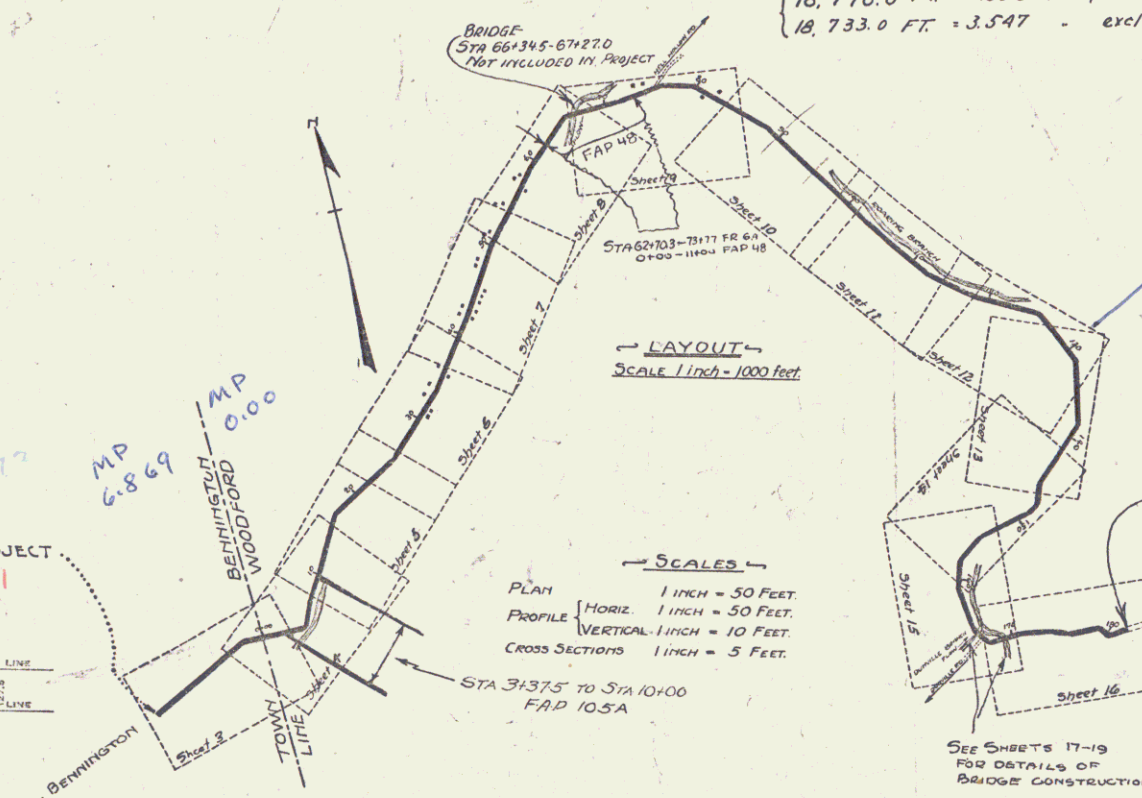
NOTES
BORROW FOR THIS PROJECT TO BE OBTAINED FROM THE RIVER CHANNEL AT LOCATIONS AS DIRECTED BY THE ENGINEER.
CRUSHED STONE FOR USE IN SURFACE + BASE COURSE SUBBASE AND STONE FILL FOR EITHER TYPE ROAD TO BE OBTAINED FROM THE RIVER BOULDERS.

THESE PLANS SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE BUREAU OF PUBLIC ROADS OR THE CHIEF ENGINEER.
THIS PROJECT TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARD SPECIFICATIONS ON FILE WITH THE U.S. BUREAU OF PUBLIC ROADS AS APPROVED JULY 7, 1926, EXCEPT FOR BITUMINOUS MACADAM SURFACE COURSE ITEM 22 FOR WHICH REVISED SPECIFICATIONS HAVE BEEN SUBMITTED TO THE BUREAU OF PUBLIC ROADS.

CONVENTIONAL SIGNS	
COUNTY LINE	---
TOWN LINE	---
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	---
HEDGE	---

GROUND ELEVATION	BATH
GRADE ELEVATION	BATH

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.



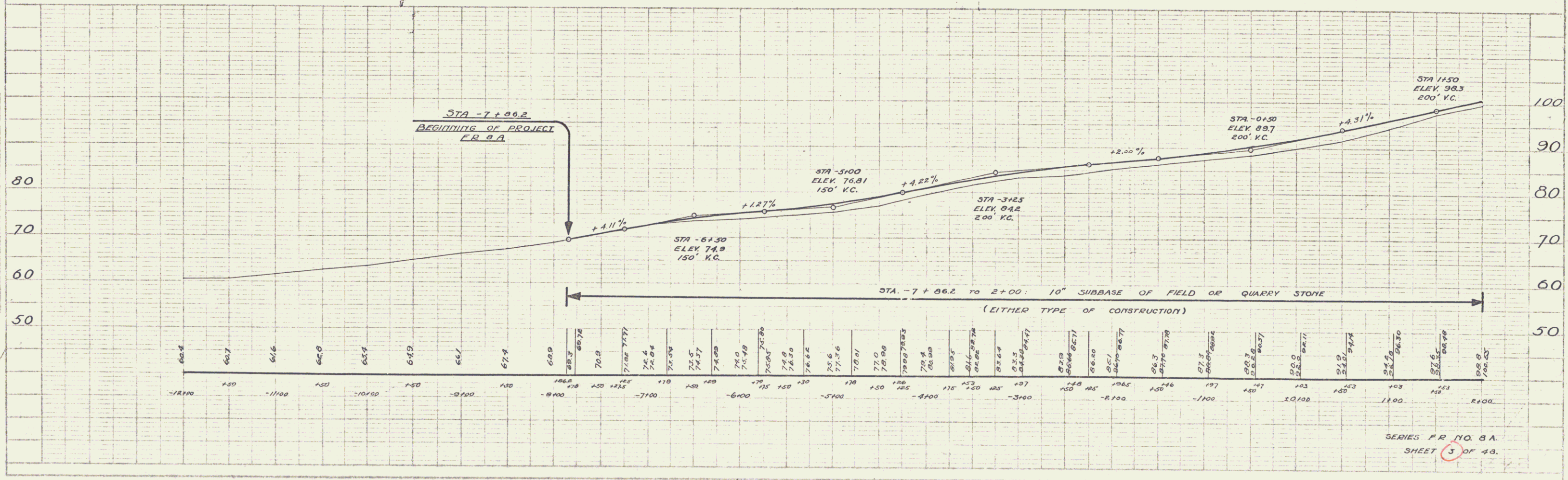
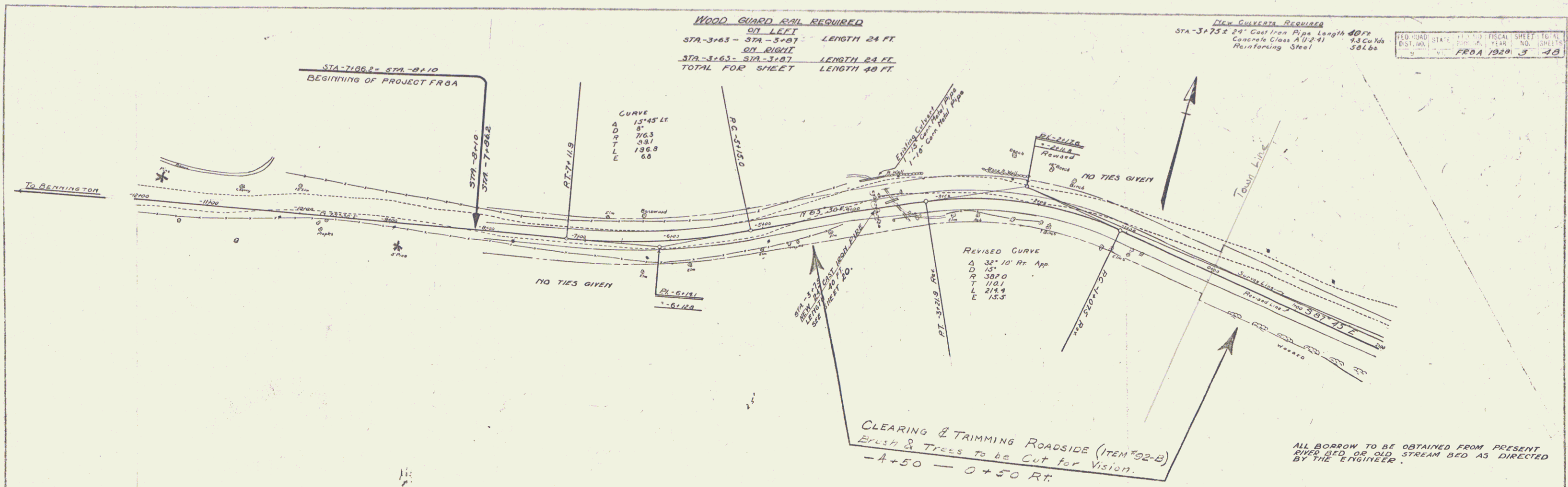
Sheet 15 & 16 MISSING

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Town of VT
(To Be Returned To R.O.W. Division)

APPROVED: June 28th, 1928
F. E. Leavitt
CHIEF ENGINEER
SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD
June 27, 1928
J. B. Ball
COMMISSIONER OF HIGHWAYS

RECOMMENDED
DISTRICT ENGINEER BUREAU OF PUBLIC ROADS
RECOMMENDED FOR APPROVAL
CHIEF ENGINEER BUREAU OF PUBLIC ROADS
APPROVED
DIRECTOR - BUREAU OF PUBLIC ROADS

SERIES P.R. NO. 8A FILED
SHEET 1 OF 48

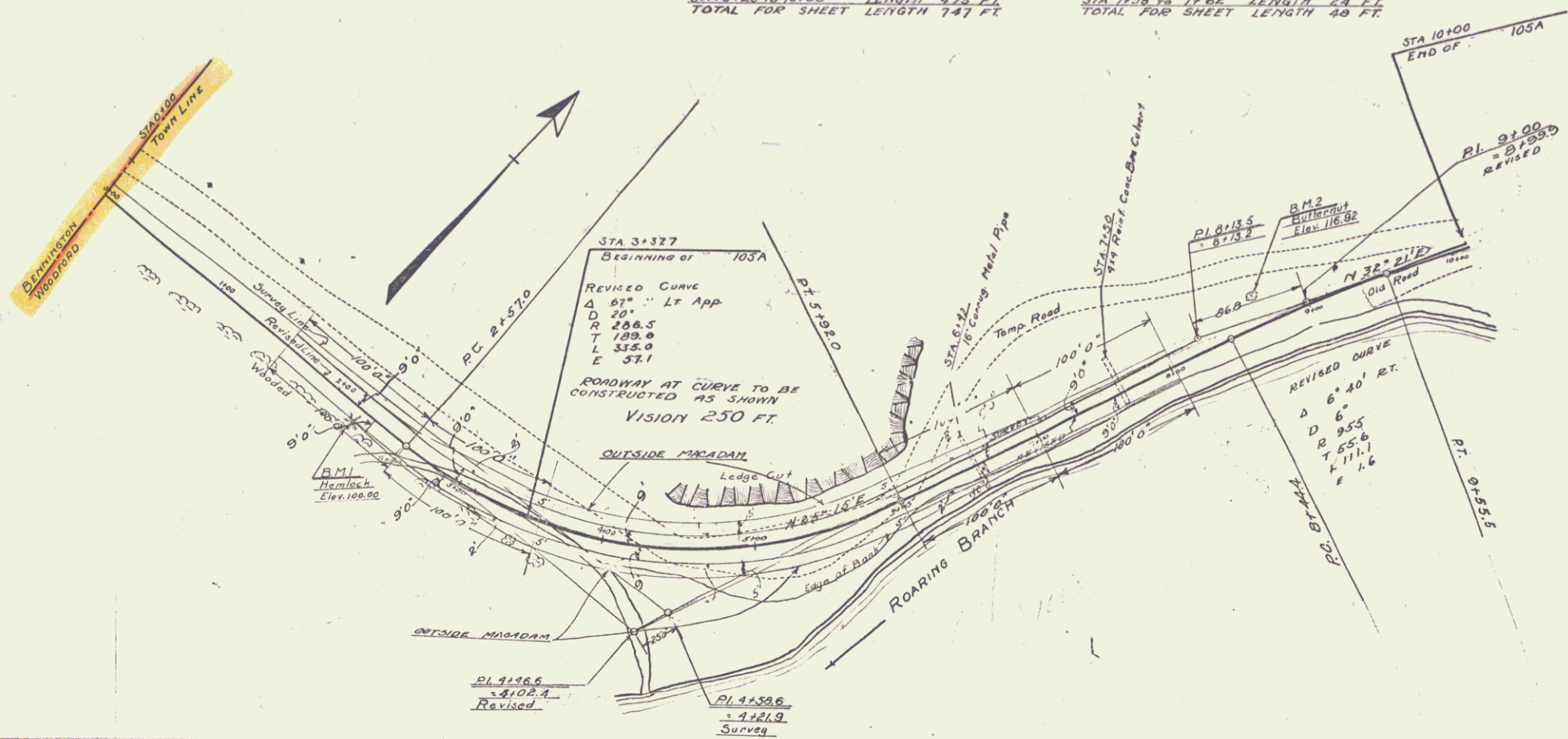


SERIES FR NO. 8A
 SHEET 3 OF 4B

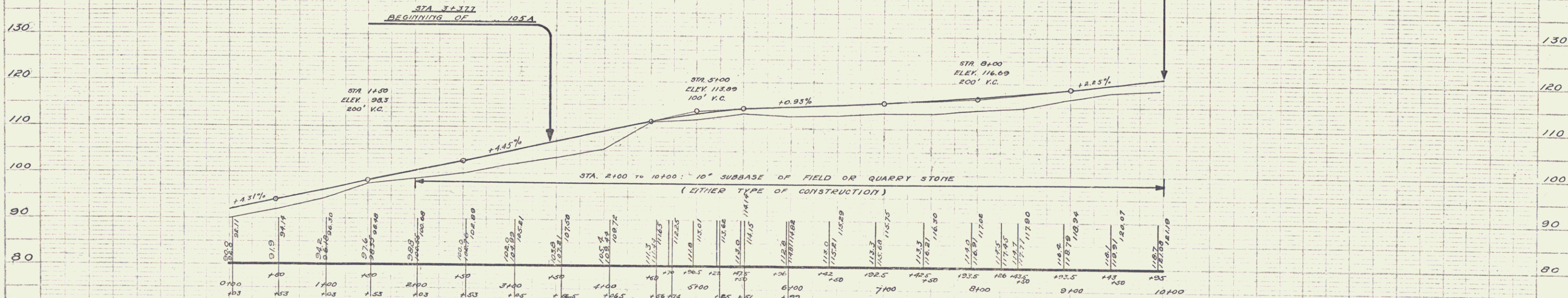
CABLE GUARD RAIL REQUIRED
 STA 1+53 TO 4+25 LENGTH 272 FT
 STA 4+25 TO 10+00 LENGTH 575 FT
 TOTAL FOR SHEET LENGTH 847 FT

WOOD GUARD RAIL REQUIRED
 STA 6+50 TO 6+58 LENGTH 8 FT
 STA 7+38 TO 7+66 LENGTH 28 FT
 TOTAL FOR SHEET LENGTH 36 FT

FRBA 1928 4 48



STA 3+377 TO 10+00
 ROCK EXCAVATION AND CULVERT
 CONSTRUCTION NOW UNDER CON-
 STRUCTION AS PART OF 105A.
 PROJECT BETWEEN STA 2+00 & 10+00
 TO BE RE-CROSS-SECTIONED.



B.M. #1 SPIKE IN 14" HEMLOCK RIGHT OF STA. 2+15, ELEV. 100.00
 B.M. #2 SPIKE IN 20" BUTTERNUT LEFT OF STA. 8+50, ELEV. 116.92

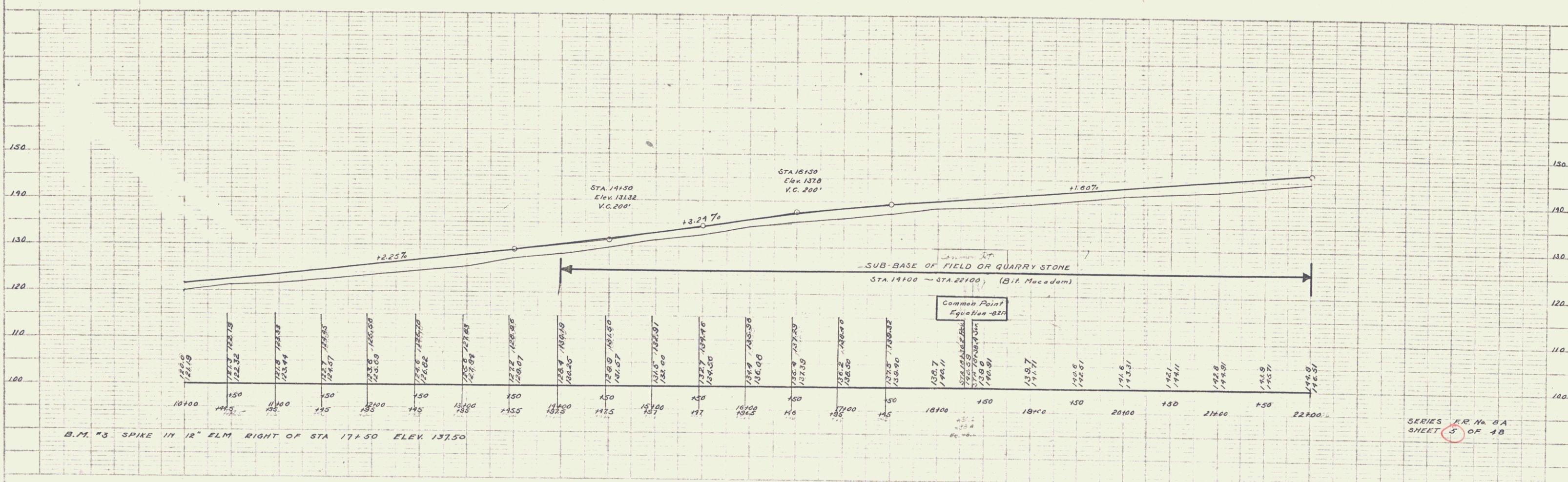
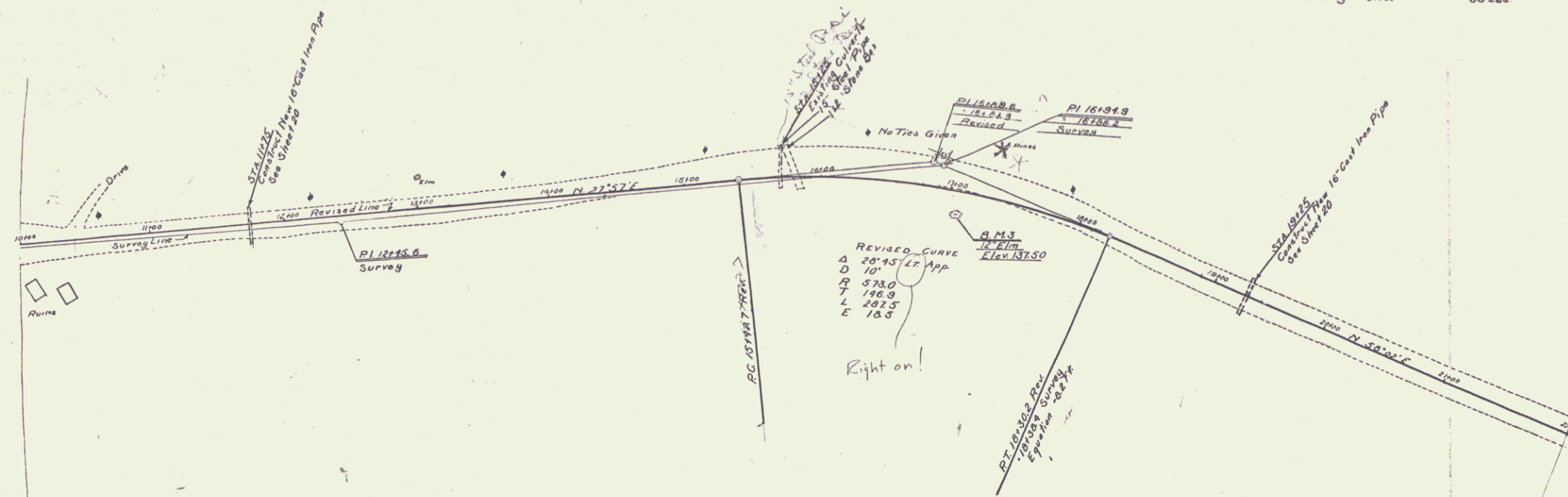
SERIES F.R. No. 8A
 SHEET 4 OF 48

WOOD GUARD RAIL REQUIRED
ON LEFT
STA 11163 - STA 11187 Length 24 Ft
ON RIGHT
STA 11163 - STA 11187 Length 24 Ft

CABLE GUARD RAIL REQUIRED
ON RIGHT
STA 10100 - STA 10185 Length 85 Ft
STA 17175 - STA 19113 Length 1938 Ft

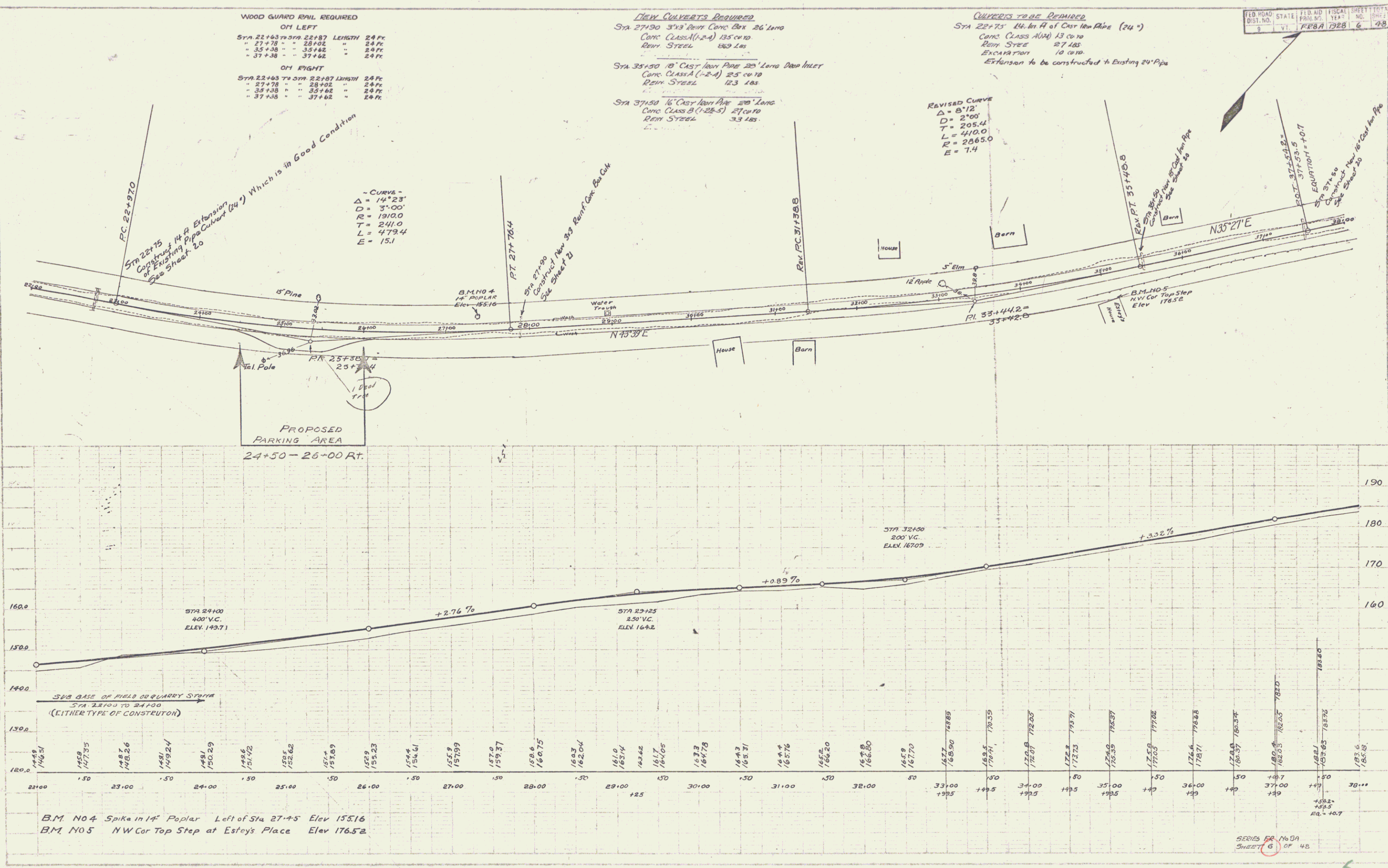
NEW CULVERTS REQUIRED
STA 11175 16" Cast Iron Pipe Length 28 Ft
Concrete Class B (U-25-3) 27 Cu Yds
Reinforcing Steel 33 Lbs
STA 19125 16" Cast Iron Pipe Length 28 Ft
Concrete Class B (U-25-3) 27 Cu Yds
Reinforcing Steel 33 Lbs

FED. ROAD DIST. NO.	STATE	FILE NO.	YEAR	SHEET NO.	TOTAL SHEETS
5	VT.	FRDA 1000	5	48	

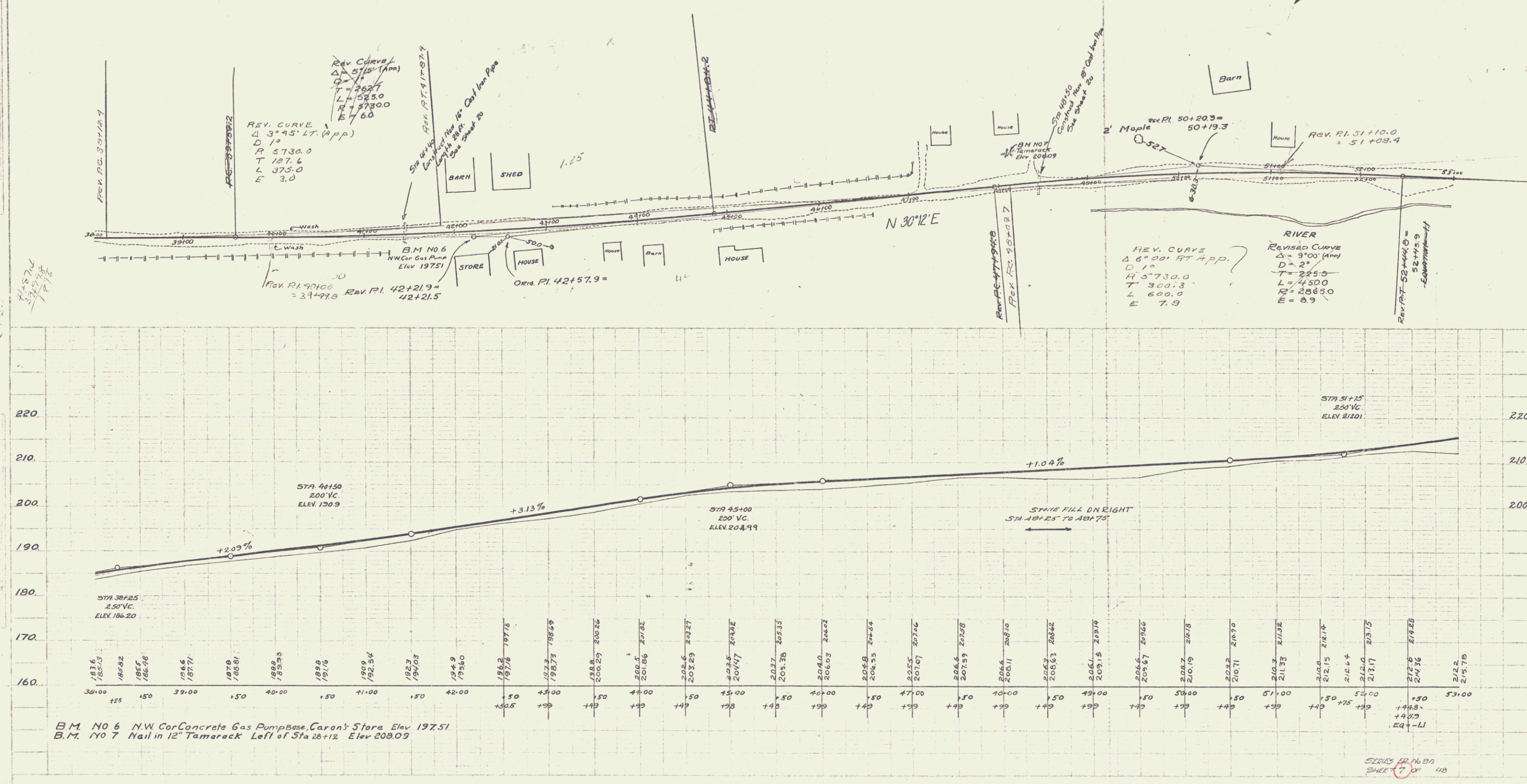


SERIES P.R. No. 6A
SHEET 5 OF 48

1. 100' Stationing
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 97. 100' Stationing
 98. 100' Stationing
 99. 100' Stationing
 100. 100' Stationing



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.
9	VT.	FRBA	1928	7 48



SERIES FR No 8/3
SHEET 7 OF 48

6

WOOD GUARD RAIL REQUIRED

ON LEFT
 STA 85+38 TO STA 85+62 LENGTH 24 FT
 " 90+38 " " 90+62 " 24 FT
 " 93+33 " " 93+77 " 24 FT
 " 94+13 " " 94+67 " 24 FT

ON RIGHT
 STA 85+38 TO STA 85+62 " 24 FT
 " 90+38 " " 90+62 " 24 FT
 " 93+33 " " 93+77 " 24 FT
 " 94+13 " " 94+67 " 24 FT

NEW CULVERTS REQUIRED

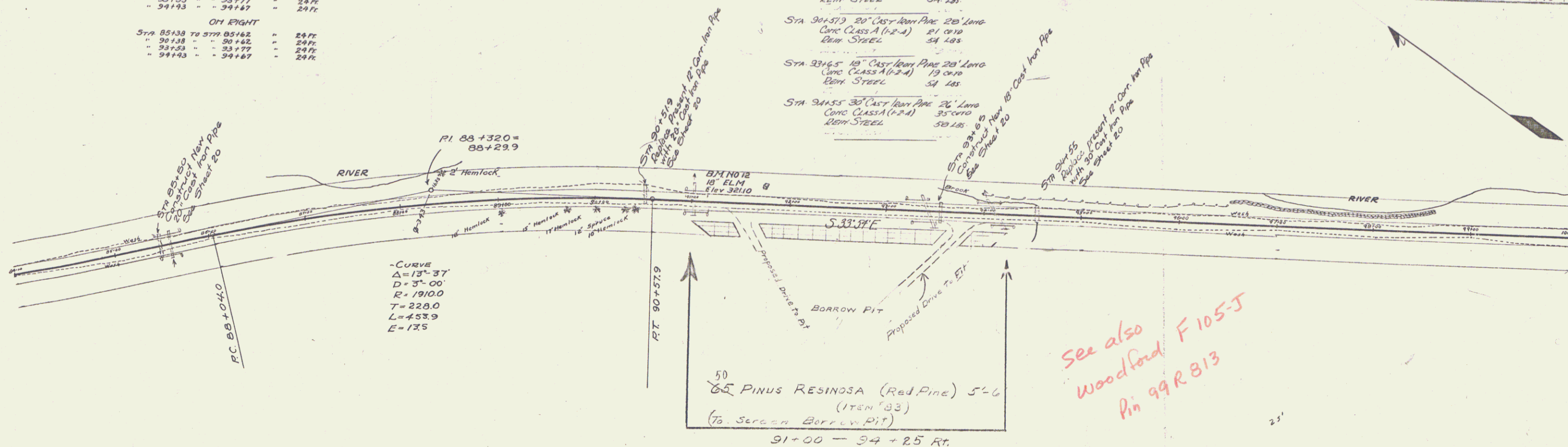
STA 85+50 20" Cast Iron Pipe 20' Long
 CONC. CLASS A (1-2-4) 21 cu yd
 REIN. STEEL 54 LBS.

STA 90+50 20" Cast Iron Pipe 20' Long
 CONC. CLASS A (1-2-4) 21 cu yd
 REIN. STEEL 54 LBS.

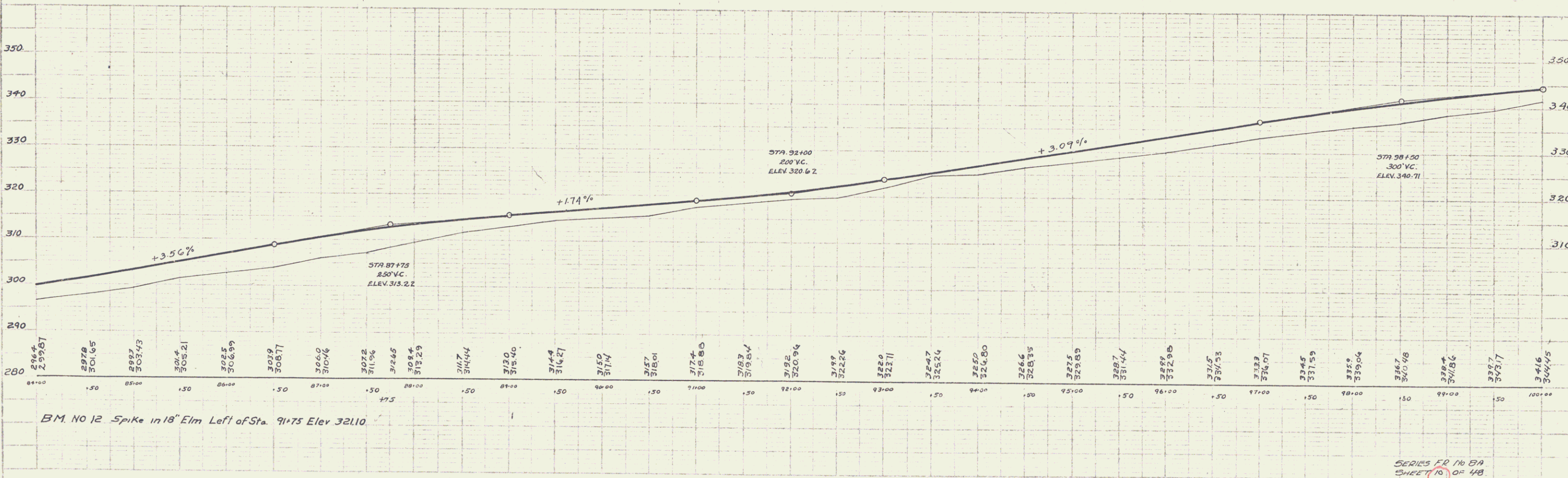
STA 93+65 18" Cast Iron Pipe 20' Long
 CONC. CLASS A (1-2-4) 19 cu yd
 REIN. STEEL 54 LBS.

STA 94+55 30" Cast Iron Pipe 26' Long
 CONC. CLASS A (1-2-4) 35 cu yd
 REIN. STEEL 50 LBS.

FED. ROAD DIST. NO.	STATE	FED. AID FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT	FEBR 1988	10	48



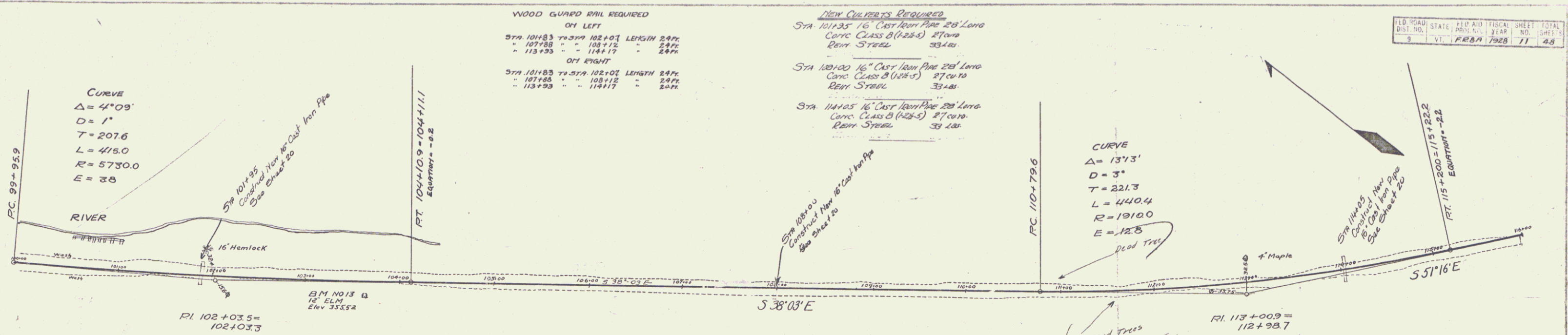
See also
 Woodford F105-J
 Pin 99 R 813



B.M. NO 12 Spike in 18" Elm Left of Sta. 91+75 Elev 321.10

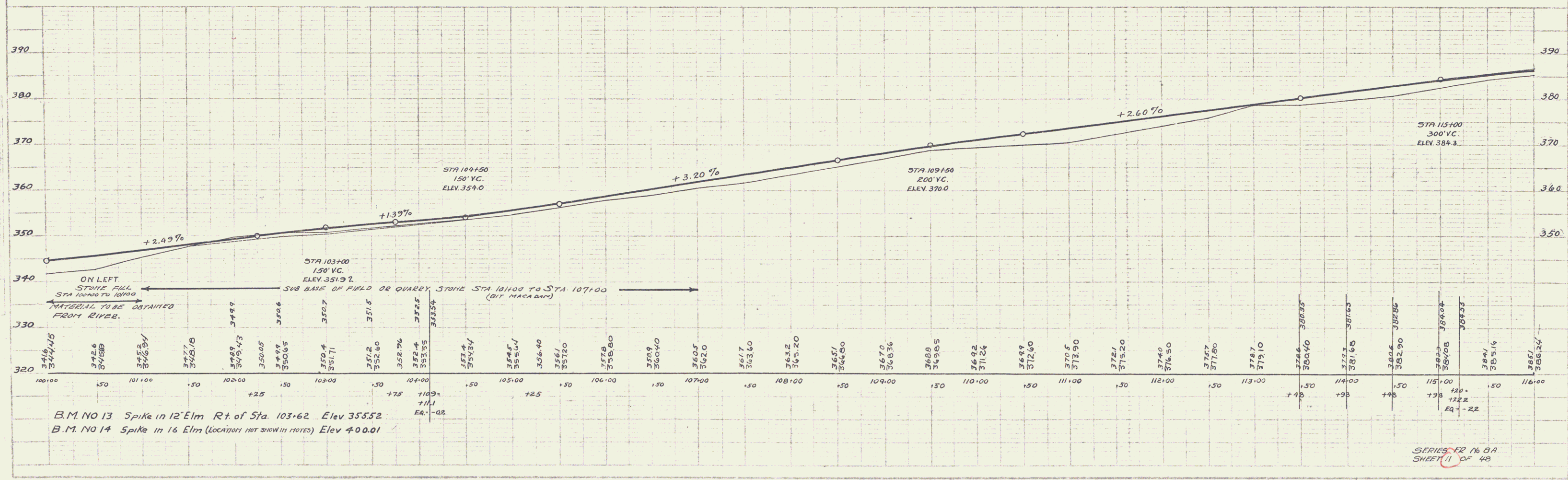
SERIES FR 16 BA
 SHEET 10 OF 48

PLAN
Scale 1" = 100' HORIZ.
Scale 1" = 10' VERT.



FILE NO.	STATE	FED. AID	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT	F.R.R.A.	1928	71	48

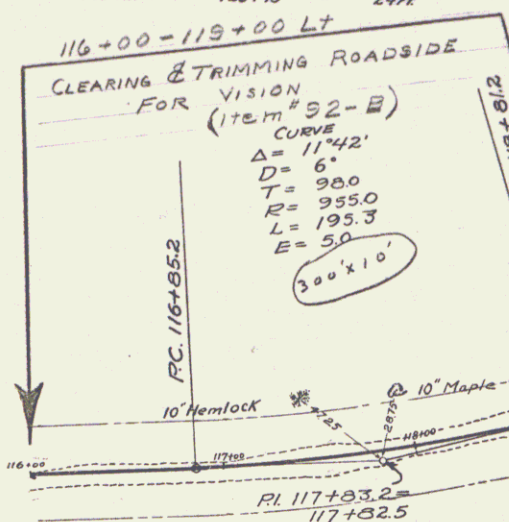
SECTION
Scale 1" = 10' VERT.



WOOD GUARD RAIL REQUIRED
ON LEFT
STA 123+08 TO STA 123+32 LENGTH 24 FT
" 124+08 " " 124+32 " 24 FT
" 126+51 " " 126+75 " 24 FT
ON RIGHT
STA 121+08 TO STA 121+32 LENGTH 24 FT
STA 123+08 TO STA 123+32 LENGTH 24 FT
" 124+08 " " 124+32 " 24 FT
" 126+51 " " 126+75 " 24 FT

CABLE GUARD RAIL REQUIRED
ON LEFT
STA 120+25 TO STA 121+77 LENGTH 15.2 FT

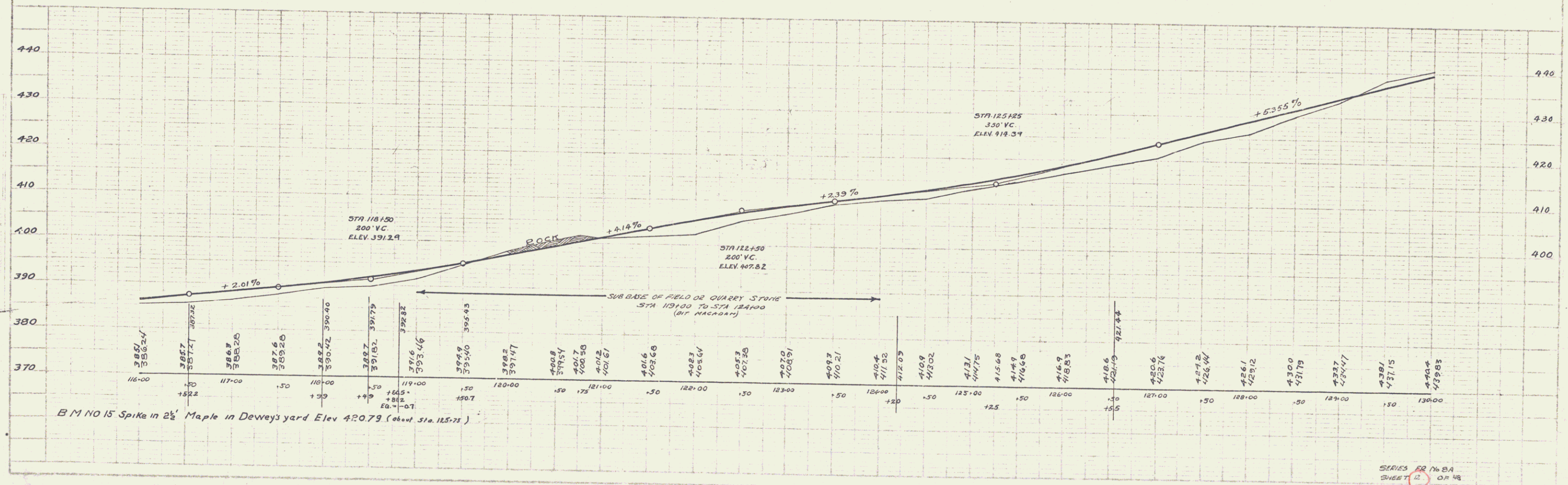
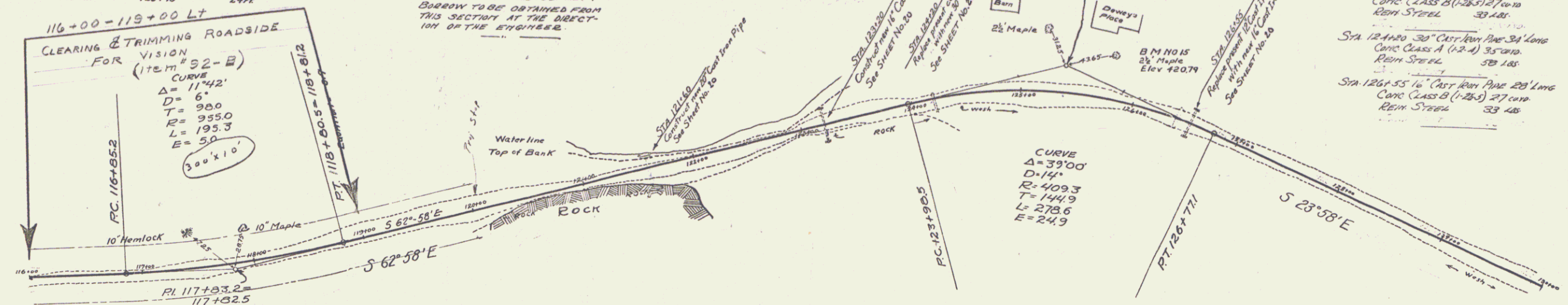
BORROW
STA 120+00 TO 125+00 LEFT
BORROW TO BE OBTAINED FROM
THIS SECTION AT THE DIRECT-
ION OF THE ENGINEER



$PI = 7+69 \pm FFLH105(14)$
 $PI = 125+43.4 = 125+32.2$

NEW CURBS REQUIRED
Sta 121+00 20" Cast Iron Pipe 28' Long
Cone Class A (1.2-4) 28' Long
Rein. Steel 34 LBS
Sta 123+20 16" Cast Iron Pipe 32' Long
Cone Class B (1.2-5) 27' Long
Rein. Steel 33 LBS
Sta 124+20 30" Cast Iron Pipe 34' Long
Cone Class A (1.2-4) 35' Long
Rein. Steel 50 LBS
Sta 126+55 16" Cast Iron Pipe 28' Long
Cone Class B (1.2-5) 27' Long
Rein. Steel 33 LBS

FED. ROAD DIST. NO.	STATE	FED. AID FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT	FEB 1928	18	48



SERIES FOR NO. 8A
SHEET 12 OF 48

