FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	211(2)	1949	1	62

INDEX OF SHEETS

SHEET NO. 1 TITLE PAGE
" " 2 TYPICAL CROSS-SECTION OF IMPROVEMENT } DOUBLE TACK COAT OF REFINED TAR WITH SAND AND GRAVEL SEAL, ITEM 29B
" " 3 BANKING AND WIDENING TABLES
" " 4-16 PLAN AND PROFILE
" " 17 STANDARD STRUCTURE SHEET S-30 CABLE GUARD RAIL
" " 17A STANDARD STRUCTURE SHEET S-30A BOUNDARY MARKERS
" " 18 STANDARD STRUCTURE SHEET S-40 BARRICADES, SIGNS & LIGHTS
" " 19 STANDARD STRUCTURE SHEET S-41 TYPICAL GRADING
" " 20-62 CROSS SECTIONS

STANDARD STRUCTURE SHEETS APPROVED
BY THE CHIEF ENGINEER, VERMONT STATE DEPT. OF HIGHWAYS

S-30 MAY 12 1941
S-30A APRIL 19 1941
S-40 DEC. 18 1945

STATE OF VERMONT
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

SECONDARY PROJECT

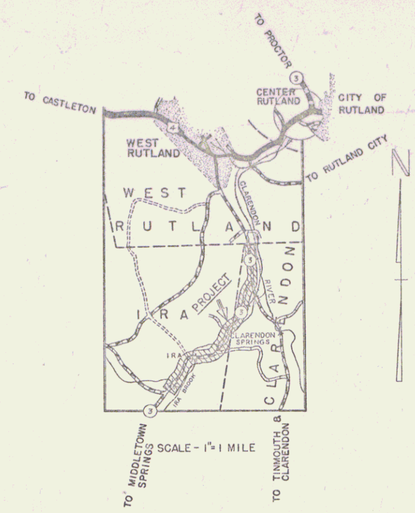
TOWNS OF IRA-CLARENDON

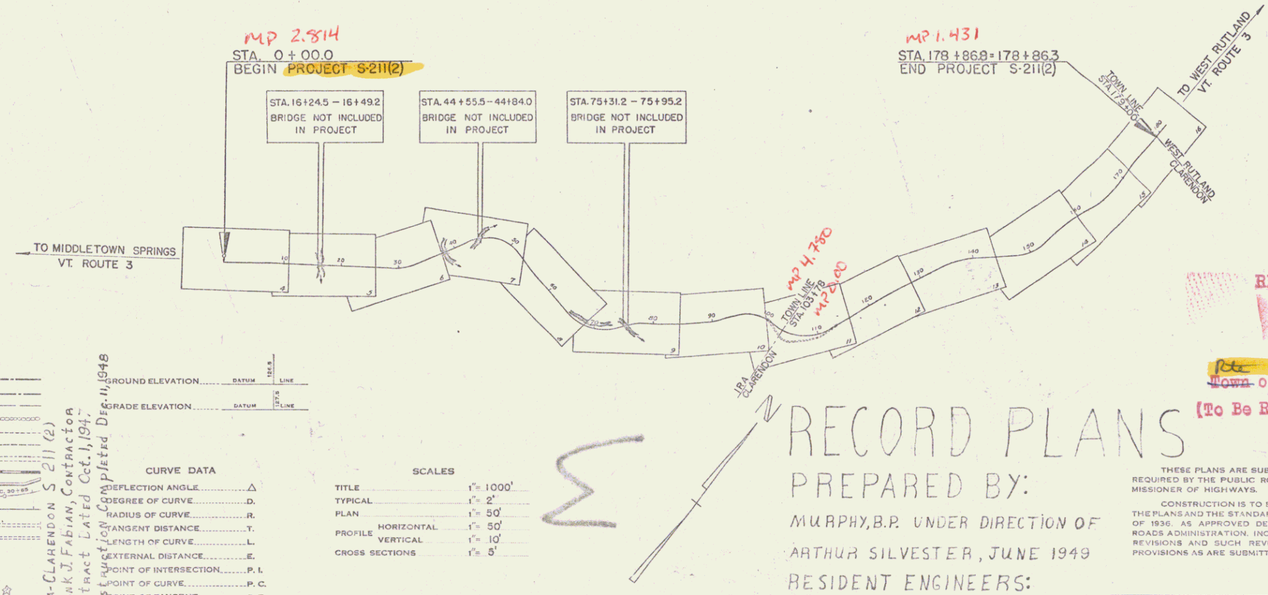
VT. ROUTE ~~3~~ Pin# 99R668

WEST RUTLAND-PAWLET ROAD

BEGINNING AT A POINT APPROXIMATELY 808.0 FEET SOUTHWESTERLY OF THE TOWN HALL IN THE HAMLET OF IRA AND EXTENDING 17,831.8 FEET EASTERLY AND NORTHERLY.

LENGTH OF PROJECT 17,831.8 FEET = 3.377 MILES





APPROVED: 16 June 47
H. E. Sargent
COMMISSIONER OF HIGHWAYS

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
~~Rte~~ ~~Town~~ of U-133 S.A.
(To Be Returned To R.O.W. Division)

RECOMMENDED FOR APPROVAL
DISTRICT ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

APPROVED
DIVISION ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

PROJECT Ira-Clarendon
NUMBER S 211 (2)
LENGTH 3.377 MI.
TYPE
CONTRACTOR
YEAR 19
LOCATION See file card

Ira-Clarendon S 211 (2)
Frank J. Fabian, Contractor
Contract Dated Oct. 1, 1947
Construction Completed Dec. 11, 1948

GROUND ELEVATION ..... DATUM ..... 1st R. LINE
GRADE ELEVATION ..... DATUM ..... 1st R. LINE

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.

SCALES

TITLE		1" = 1000'
TYPICAL		1" = 2'
PLAN		1" = 50'
PROFILE	HORIZONTAL	1" = 50'
	VERTICAL	1" = 10'
CROSS SECTIONS		1" = 5'

RECORD PLANS
PREPARED BY:
MURPHY, B.P. UNDER DIRECTION OF
ARTHUR SILVESTER, JUNE 1949
RESIDENT ENGINEERS:
E. A. GREENLEAF & M. M. ODGEN

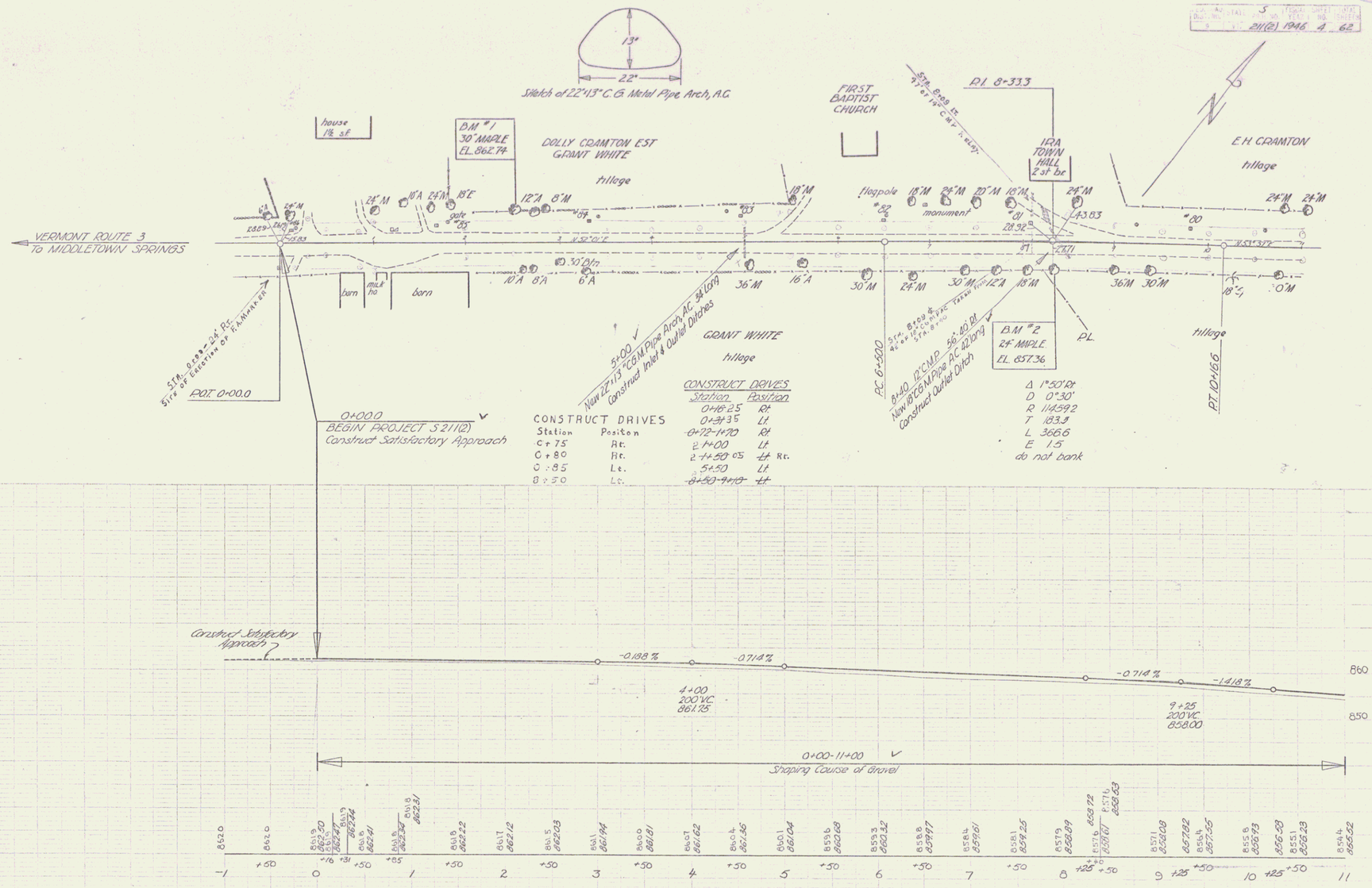
THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE PUBLIC ROADS ADMINISTRATION OR THE COMMISSIONER OF HIGHWAYS.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THE PLANS AND THE STANDARD ROAD AND BRIDGE SPECIFICATIONS OF 1936, AS APPROVED DECEMBER 29TH, 1936 BY THE PUBLIC ROADS ADMINISTRATION, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

APPROVED	APPROVED	SERIES S NO. 211(2) FILED
HIGHWAY ENGINEER	DISTRICT HIGHWAY COMMISSIONER	SHEET 1 OF 62

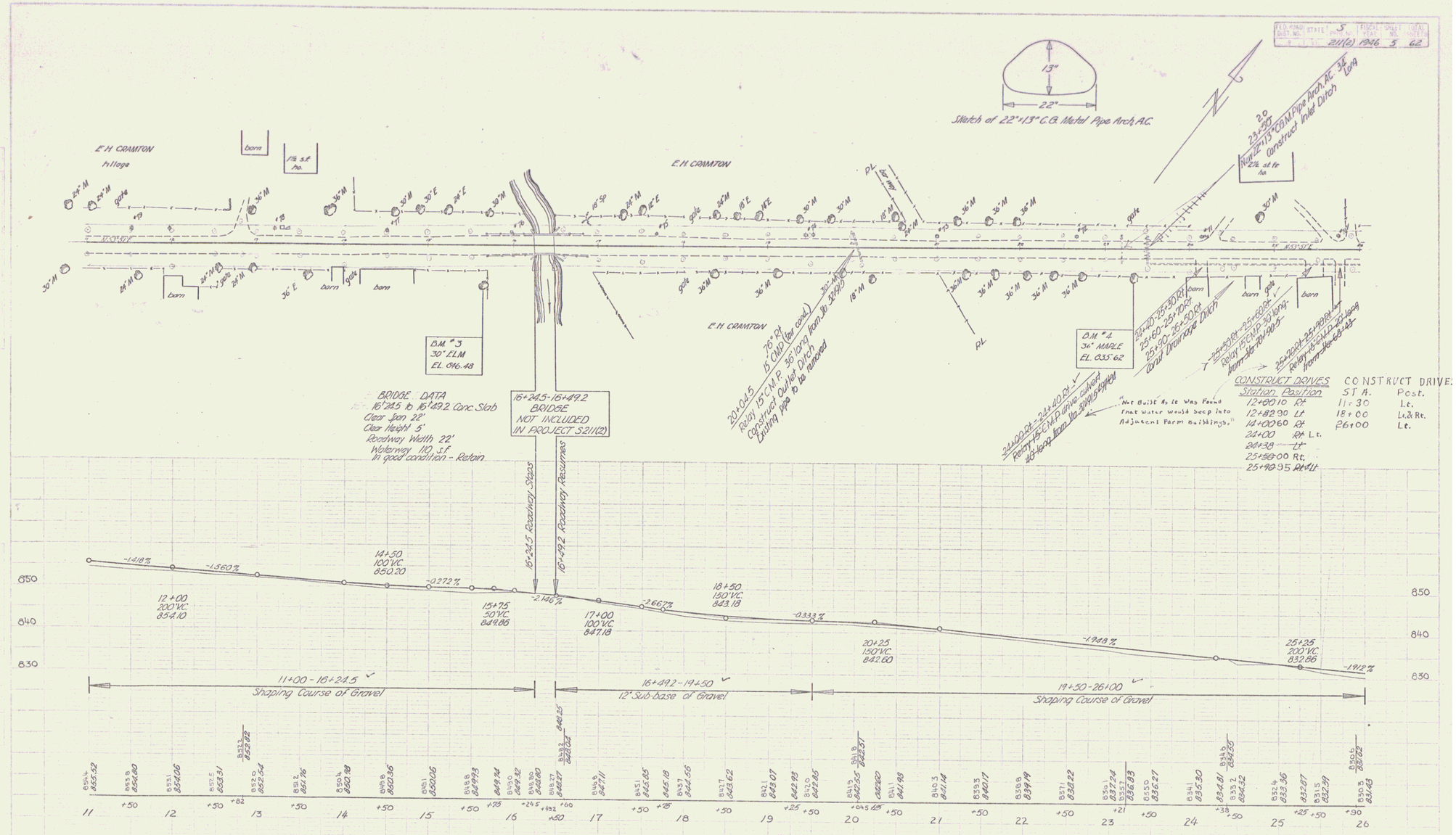
1

3


S 211(2) 1946 4 62
13"
22"
Sketch of 22"x13" C.G. Metal Pipe Arch, A.C.
house 1½ st.
B.M. #1 30" MAPLE EL. 862.74
DOLLY CRAMTON EST
GRANT WHITE
tillage
FIRST BAPTIST CHURCH
P.I. 8+33.3
IRA TOWN HALL 2 st. br
E.H. CRAMTON
tillage
VERMONT ROUTE 3 TO MIDDLETOWN SPRINGS
flagpole
monument
barn
milk ho
barn
P.O.T. 0+00.0
0+00.0
BEGIN PROJECT S 211(2)
Construct Satisfactory Approach
5+00
New 22"x13" C.G.M. Pipe Arch, AC 34' long
Construct Inlet & Outlet Ditches
GRANT WHITE
tillage
P.C. 6+50
B.M. #2 24" MAPLE EL. 857.36
P.I.
tillage
P.T. 10+66
Δ 1°50' Rt.
D 0°30'
R 1145.92
T 18.33
L 36.66
E 1.5
do not bank
CONSTRUCT DRIVES
Station Position
0+75 Rt.
0+80 Rt.
0+85 Lt.
8+50 Lt.
CONSTRUCT DRIVES
Station Position
0+16.25 Rt
0+31.35 Lt
~~0+72-1+70~~ Rt
2+00 Lt
2+50.05 Lt Rt.
5+50 Lt
~~8+50-9+10~~ Lt
Construct Satisfactory Approach
-0.188%
-0.714%
-0.714%
-1.418%
4+00 200' VC 861.75
9+25 200' VC 858.00
860
850
0+00-11+00
Shaping Course of Gravel
BM #1 S.I.R. 30" Maple 31' Lt. Sta. 2+51 El. 862.74
BM #2 S.I.R. 24" Maple 26.5' Rt. Sta. 8+33 El. 857.36
IRA-CLARENDON S 211(2)
sheet 4 of 62 sheets

2

FED. ROAD DIST. NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	5	211(2) 1946	5	62

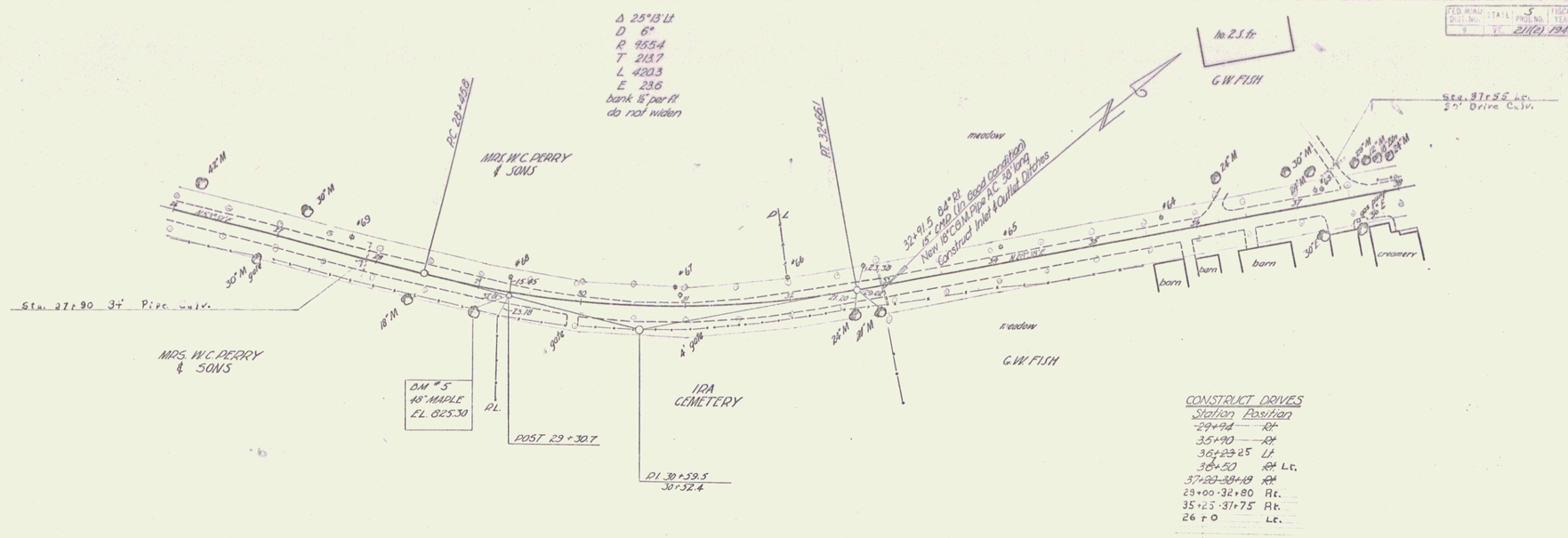


BM #3 S.I.R. 30" Elm 44.5' Rt. Sta. 15+67 Elev. 846.48
BM #4 S.I.R. 36" Maple 29.5' Rt. Sta. 23+34 Elev. 835.62

IRA-CLARENDON S 211(2)
sheet 5 of 62 sheets

3

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	5 211(2)	1946	6	62



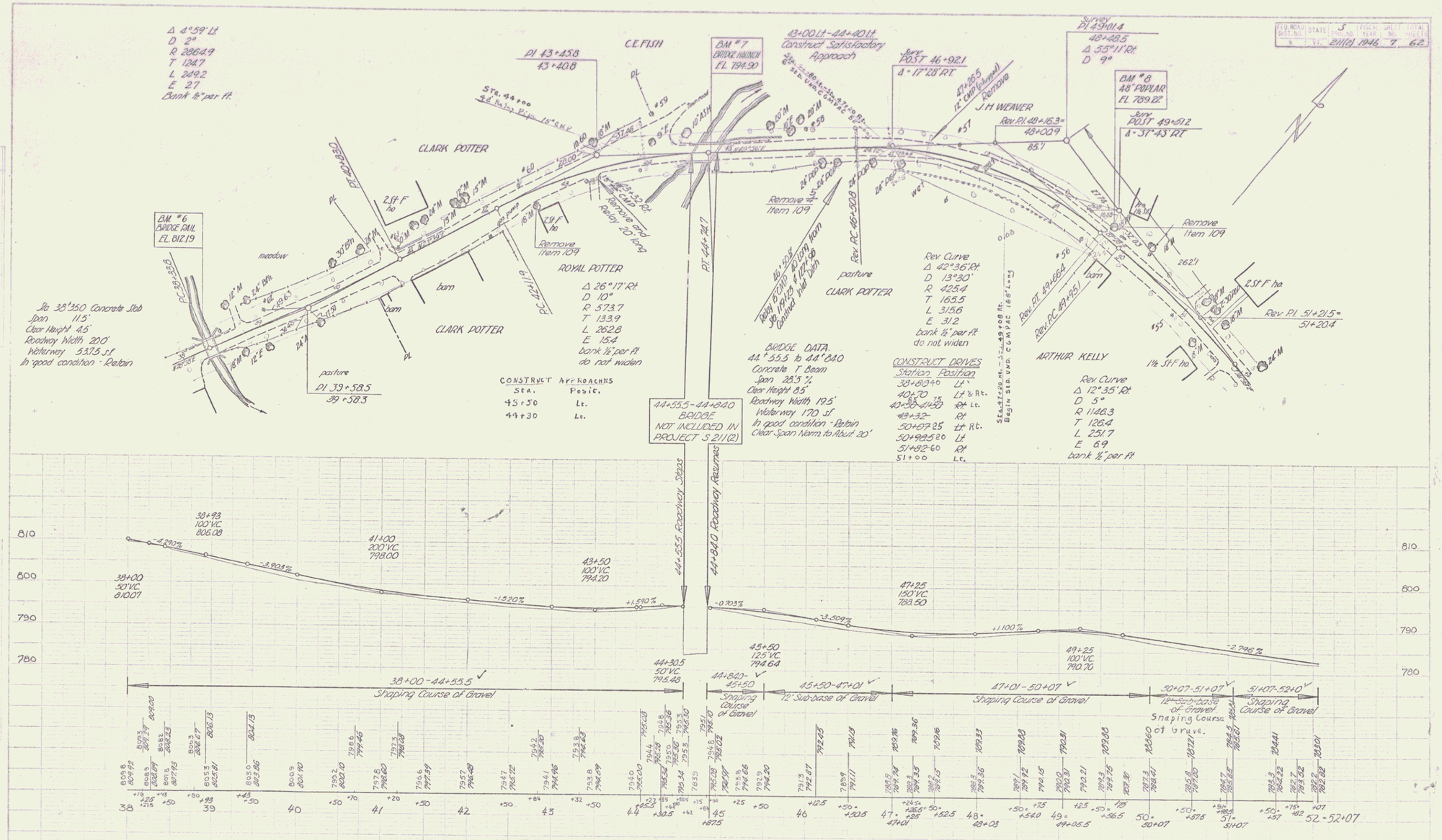
BM #5 SIR 48" Maple 21.5' Rt Sta 29+00 Elev 825.30

IRA - CLARENDON S 211 (2)

sheet 6 of 62 sheets

4

FED. ROAD DIST. NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	S.C.	211(2) 1946	7	62



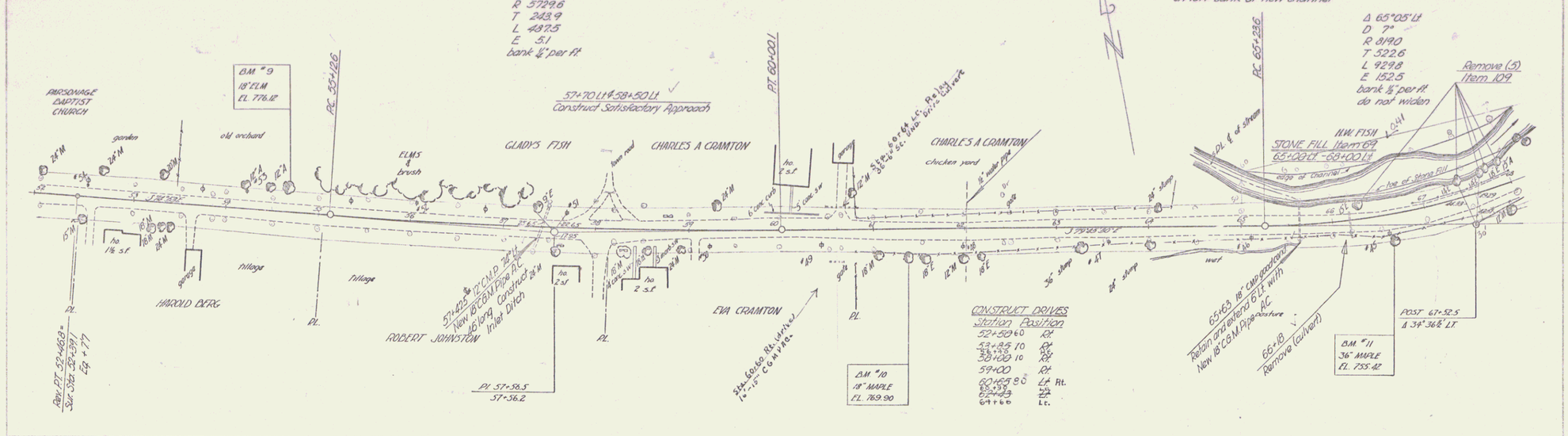
5

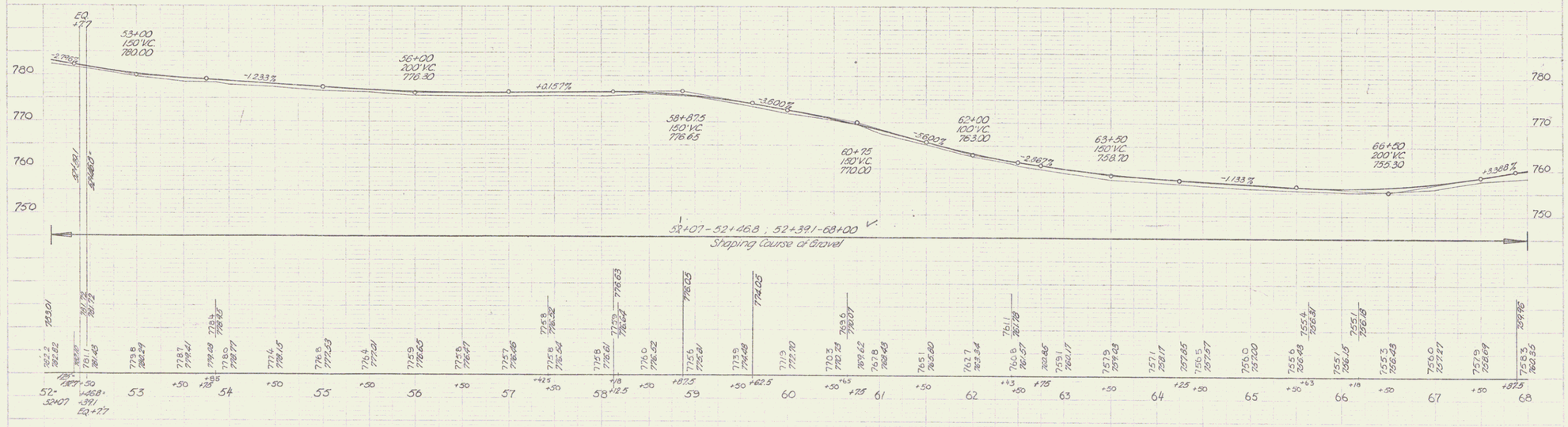
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	211(2)	1946	8	62

CHANNEL EXCAVATION Item 15
65+00 Lt. - 68+00 Lt.
Excavated material to be placed on left bank of new channel

Δ 4° 52'30" Lt.
D 1°
R 5729.6
T 248.9
L 487.5
E 5.1
bank ½" per ft.

Δ 65°05' Lt.
D 7°
R 819.0
T 522.6
L 929.8
E 152.5
bank ½" per ft.
do not widen





BM #9 S.I.R. 36" Elm, 19" Lt. Sta. 52+85.5 Elev. 776.12
BM #10 S.I.R. 18" Maple, 25' Rt. Sta. 61+37 Elev. 769.90
BM #11 S.I.R. 30" Elm, 30' Rt. Sta. 66+69 Elev. 755.42

IRA - CLARENDON S 211 (2)

sheet 8 of 62 sheets

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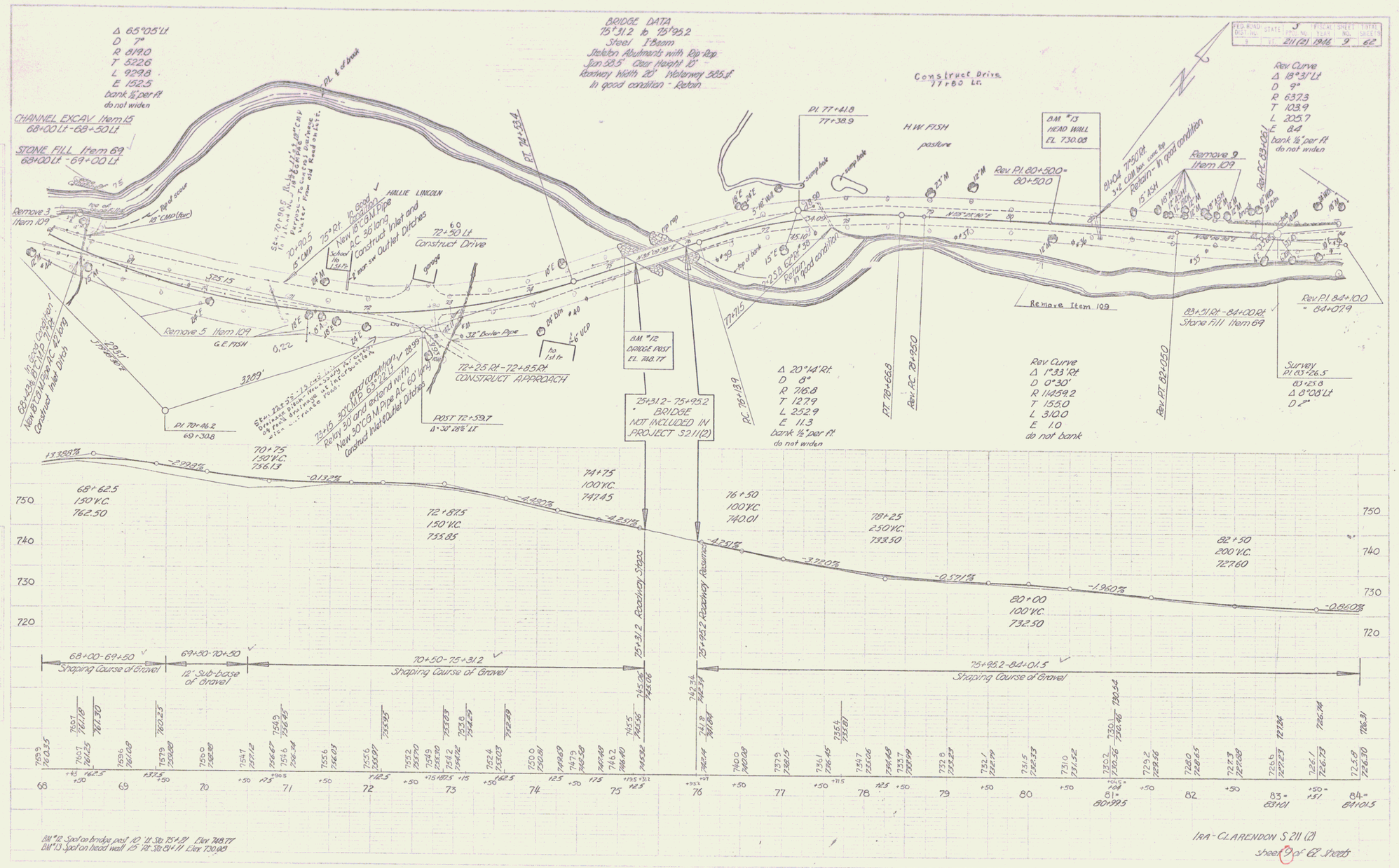
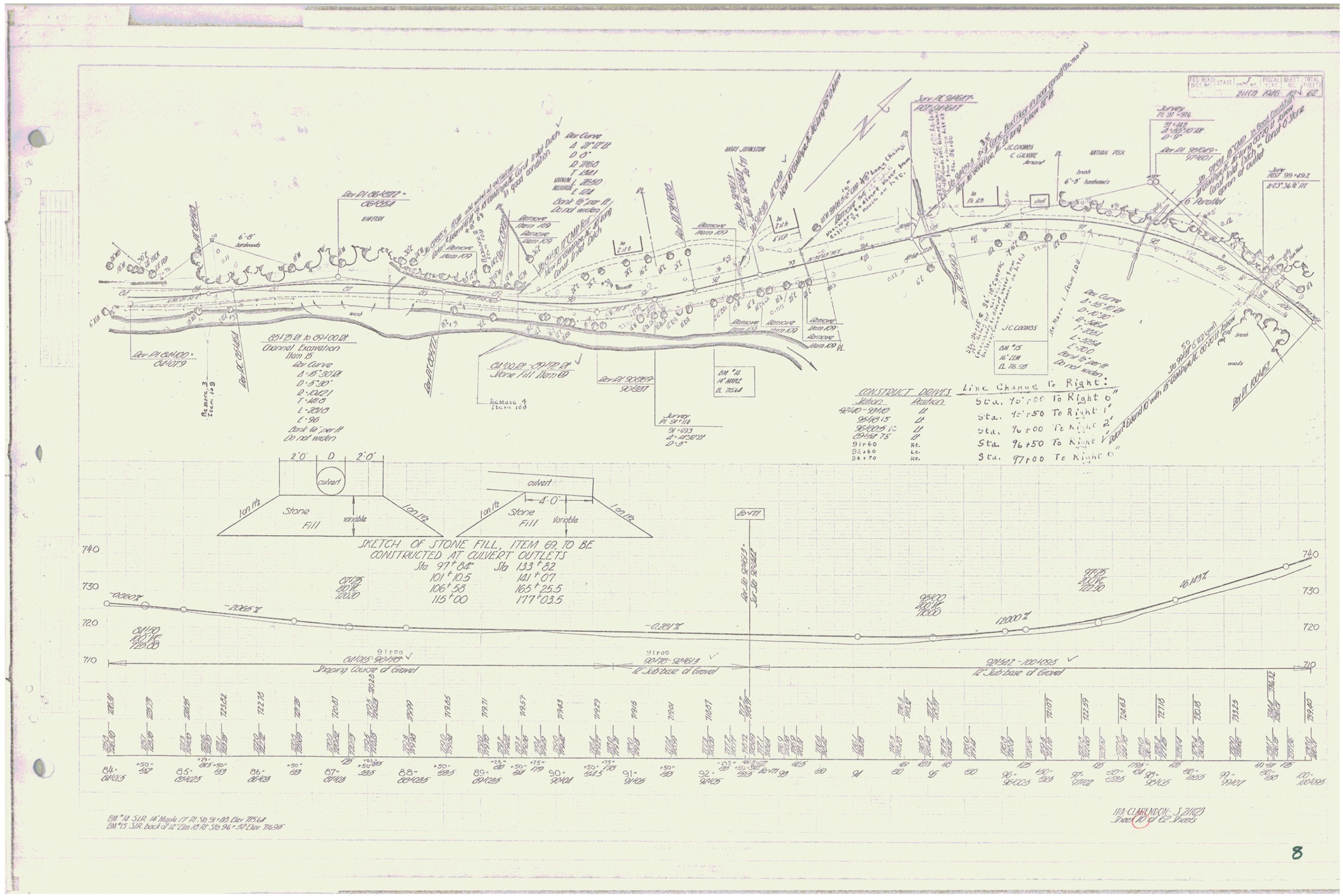

FED. ROAD DIST. NO. | STATE | PROJECT NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS
J
211(2) 1946
9
62
Δ 65°05' Lt.
D 7°
R 819.0
T 522.6
L 929.8
E 152.5
bank ½" per ft.
do not widen
CHANNEL EXCAV. Item 15
68+00 Lt - 68+50 Lt.
STONE FILL Item 69
68+00 Lt. - 69+00 Lt.
BRIDGE DATA
75+31.2 to 75+95.2
Steel I Beam
Stelton Abutments with Rip Rap
Span 58.5' Clear Height 18'
Roadway Width 20' Waterway 585 sf
in good condition - Retain
Construct Drive
77+80 Lt.
H.W. FISH
pasture
B.M. #13
HEAD WALL
EL. 730.08
Rev. Curve
Δ 18°31' Lt
D 9°
R 637.3
T 103.9
L 205.7
E 8.4
bank ½" per ft.
do not widen
Remove 9
Item 109
Remove 3
Item 109
Remove 5 Item 109
G.E. FISH
HALLIE LINCOLN
72+50 Lt
Construct Drive
garage
72+25 Rt - 72+85 Rt
CONSTRUCT APPROACH
B.M. #12
BRIDGE POST
EL. 748.77
75+31.2 - 75+95.2
BRIDGE
NOT INCLUDED IN
PROJECT S.211(2)
Δ 20°14' Rt
D 8°
R 716.8
T 127.9
L 252.9
E 11.3
bank ½" per ft.
do not widen
Rev. Curve
Δ 1°33' Rt
D 0°30'
R 1145.9
T 155.0
L 310.0
E 1.0
do not bank
Remove Item 109
83+51 Rt - 84+00 Rt
Stone Fill Item 69
Rev. P.I. 84+10.0
= 84+07.9
Survey
P.I. 83+26.5
83+25.8
Δ 0°08' Lt
D 2°
68+00-69+50
Shaping Course of Gravel
69+50-70+50
12" Sub-base of Gravel
70+50-75+31.2
Shaping Course of Gravel
75+95.2-84+01.5
Shaping Course of Gravel
75+31.2 Roadway Steps
75+95.2 Roadway Resumes
BM #12 Spot on bridge post 10' Lt. Sta. 75+31 Elev. 748.77
BM #13 Spot on head wall 15' Rt. Sta. 84+11 Elev. 730.08
IRA-CLARENDON S.211 (2)
sheet 9 of 62 sheets


FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS
21(12) 1986 62
Rev PI 85+95.12 = 85+85.4
Rev PI 84+00 = 84+07.9
Rev PI 90+85.9 = 90+81.7
Rev PI 99+09.9 = 97+01
Survey PI 97+91.6
Survey PI 99+49.2
Remove Item 109
Remove Item 109 Pl.
Remove Item 109 Pl.
Remove Item 109 Pl.
Remove Item 109 Pl.
Remove Item 109 Pl.
Remove Item 109 Pl.
Remove Item 109
Remove Item 109
Remove Item 109

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
3	VT.	21(12)	1965	11	62

BM #16 S.I.R. 10" Maple 6.4' Rt Sta 101+92.8 Elev 735.38
BM #17 Spike in Trunk backside of 8" Basswood 12' Rt Sta 119+66.6 Elev 733.46
BM #18 S.I.R. 12" Yellow Birch 14' Rt Sta 115+77 Elev 731.30

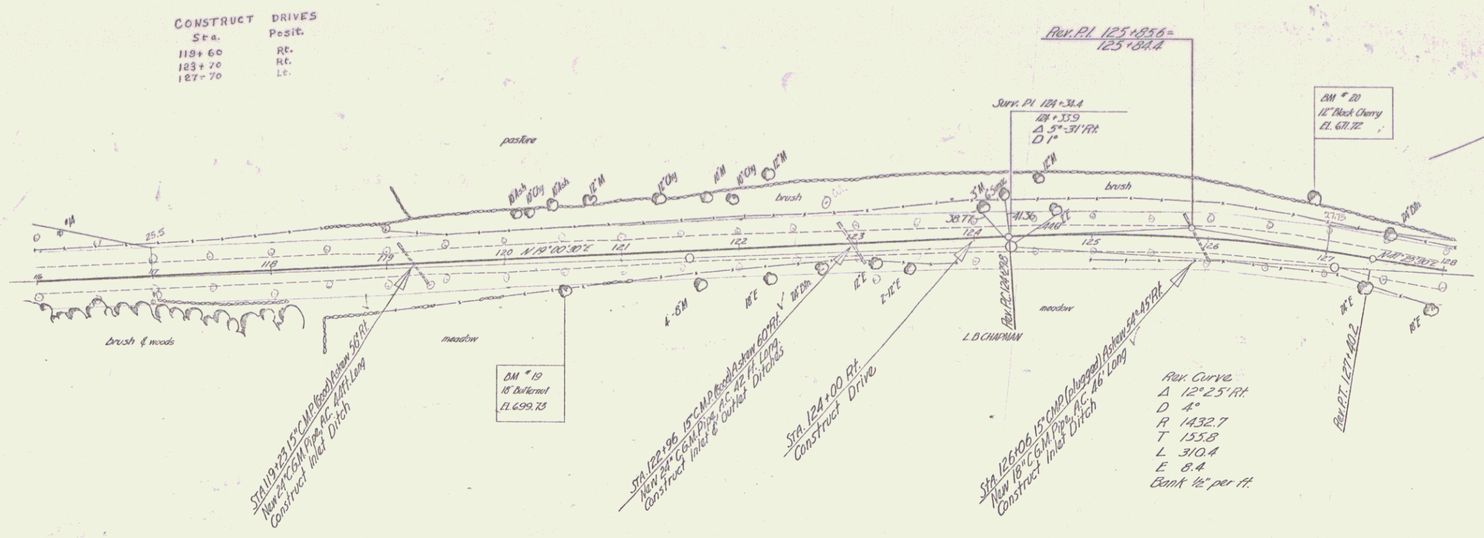
18A-CLARENDON S 21(2)
Sheet 11 of 62 Sheets

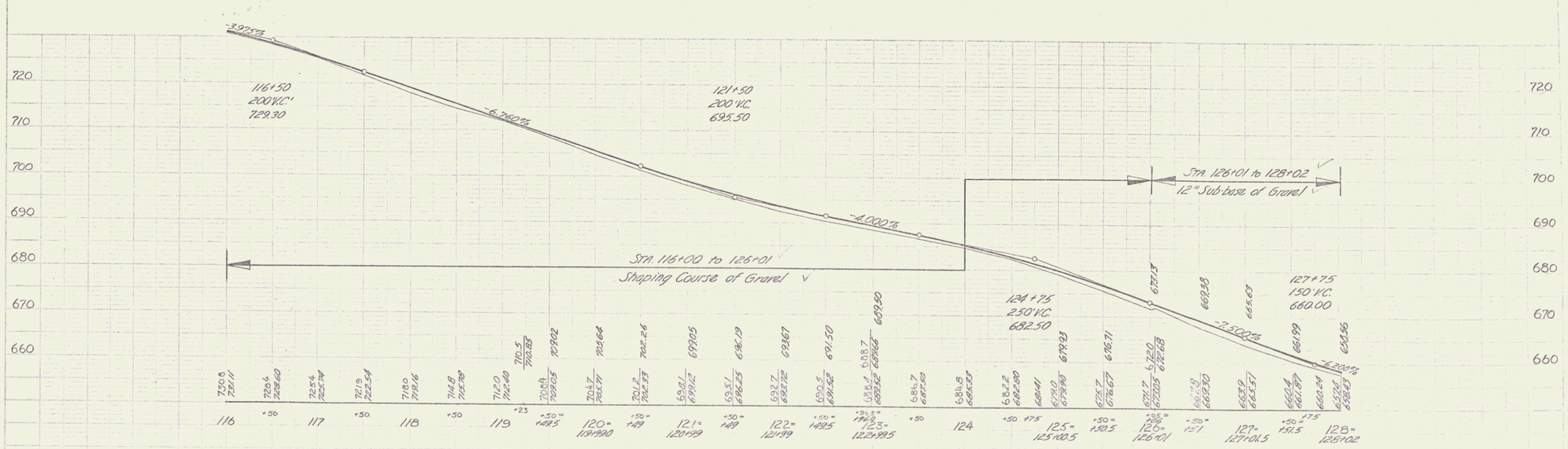
9

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
8	VT.	2112(2)	1966	12	62

CONSTRUCT DRIVES

Sta.	Posit.
118+60	Rt.
123+70	Rt.
127+70	Lt.





BM #19 SIR 18" Butternut 25' Rt. Sta. 120+50 Elev. 699.73
BM #20 SIR 12" Black Cherry 30' Lt. Sta. 126+07 Elev. 671.72

IAA-CLARENDON S 211 (2)
Sheet 12 of 62 Sheets

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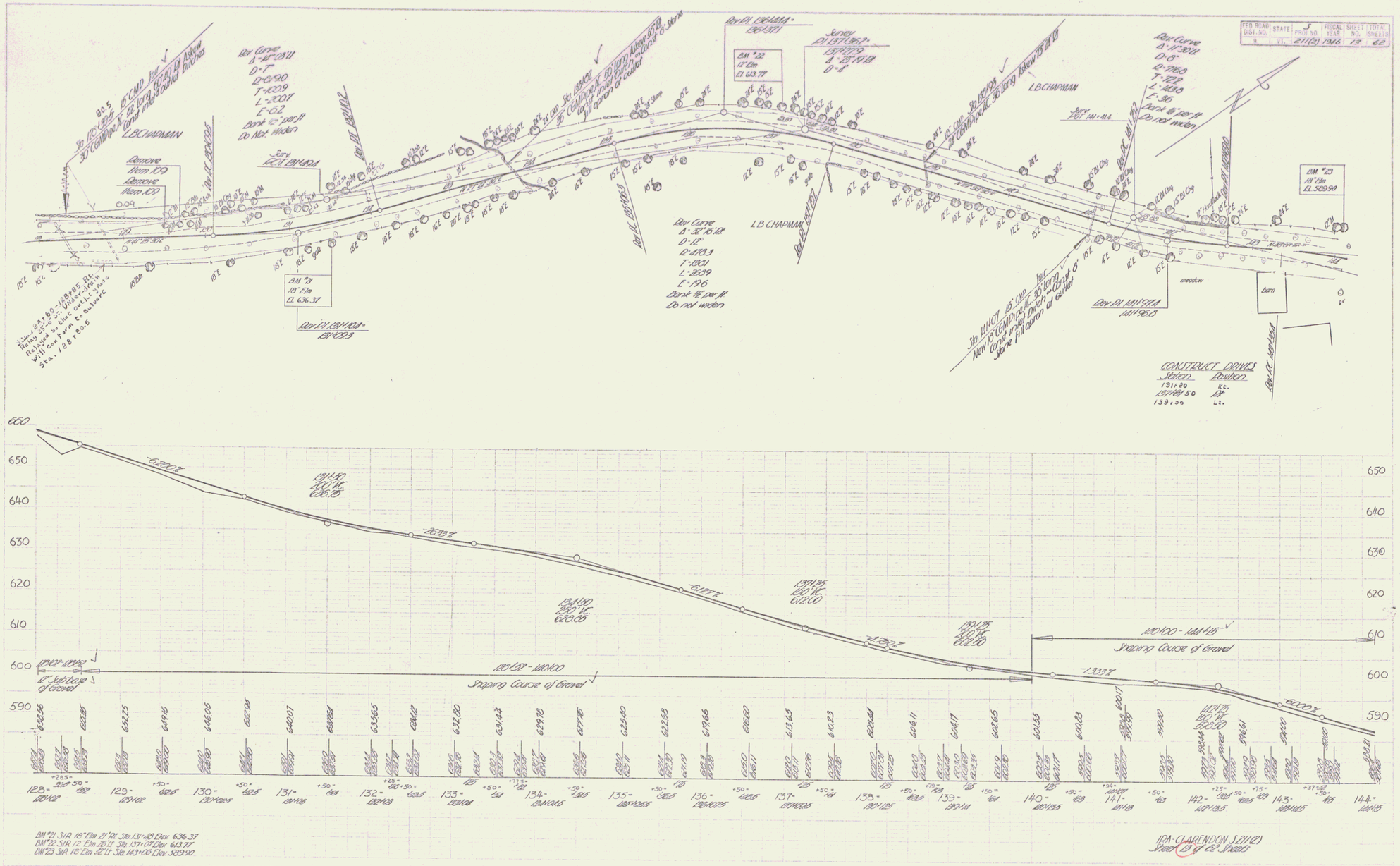
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	S 211(2)	1946	13	62

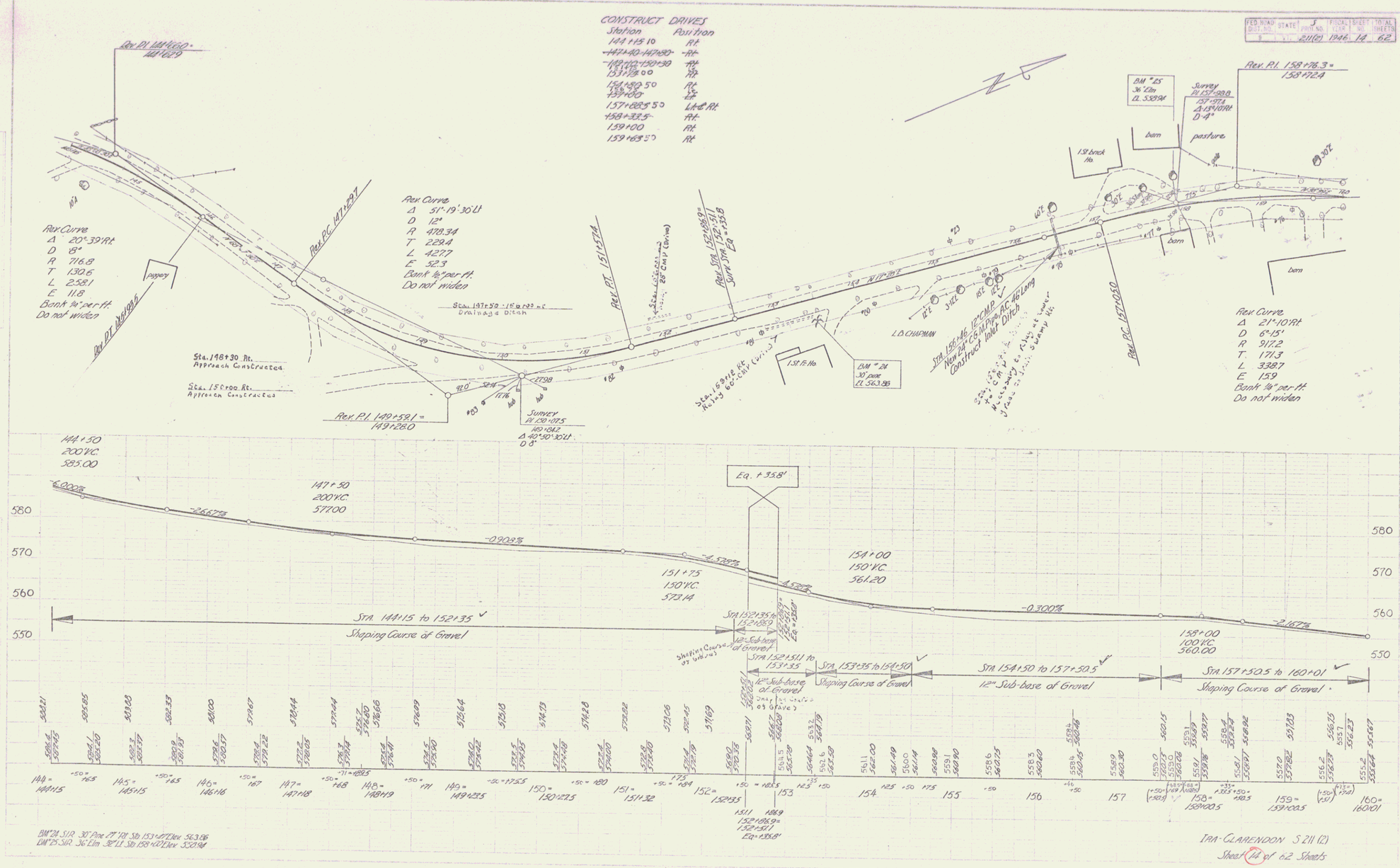


11

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VA.	211(2)	1946	14	62

CONSTRUCT DRIVES

Station	Position
144+15.10	Rt.
~~147+40-147+80~~	~~Rt.~~
~~148+92-150+30~~	~~Rt.~~
151+75.00	Rt.
154+80.50	Rt.
~~155+75~~	~~Lt.~~
157+88.50	Lt. & Rt.
~~158+33.5~~	~~Rt.~~
159+00	Rt.
159+68.50	Rt.



FPA-CLARENDON S 211 (2)

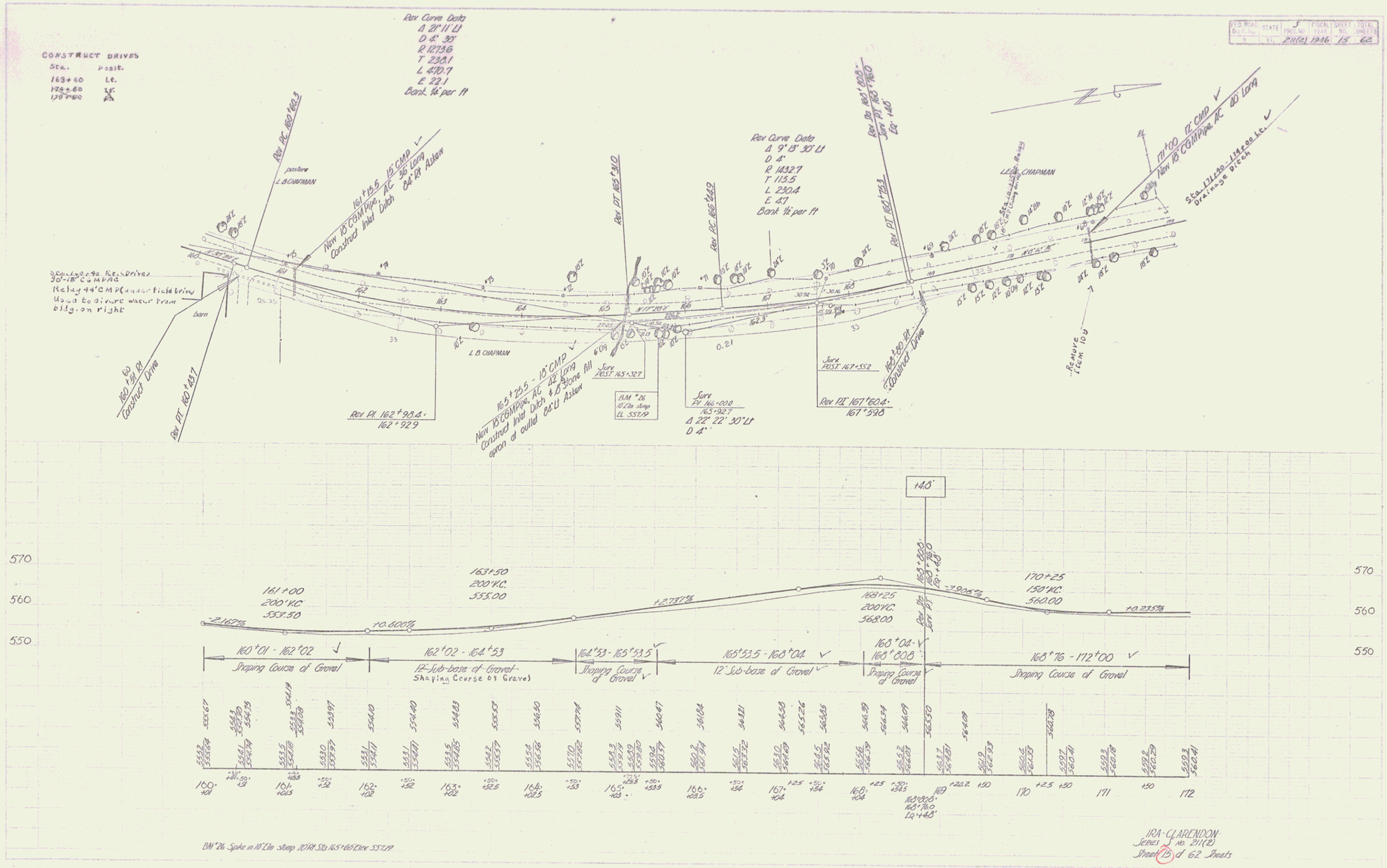
Sheet 14 of 62 Sheets

12

F.P. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
9	VT.	211(2)	1946	15	62

CONSTRUCT DRIVES

Sta.	Posit.
163+60	Lt.
175+60	Lt.
178+60	Rt.



BM #26 Spike in 10" Elm stump 20' Rt. Sta. 165+65 Elev. 557.19

IRA-CLARENDON
Series J No. 211(2)
Sheet 15 of 62 Sheets

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
8	VT.	21107	1976	16	62

14