2/23/2000 Added by J. Lane

INDEX OF SHEETS

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3 QUANTITY SHEET (ITEM)
4 QUANTITY SHEET (DRAINAGE)
5-8 EARTHWORK SHEETS
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10 STANDARD SHEET B-5 (TURNOUTS)
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19-20 DETAILS OF 12'-10" x 8'-4" x 76'-0" CORR. GALV. METAL PLATE PIPE ARCH @ 279+34
21 CHANNEL SECTIONS
22-33 PLAN AND PROFILE SHEETS
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53-54 BANKING TRANSITIONS

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

FOREST HIGHWAY AND
FEDERAL AID SECONDARY PROJECT

TOWNS OF WESTON AND MOUNT HOLLY
COUNTIES OF WINDSOR AND RUTLAND

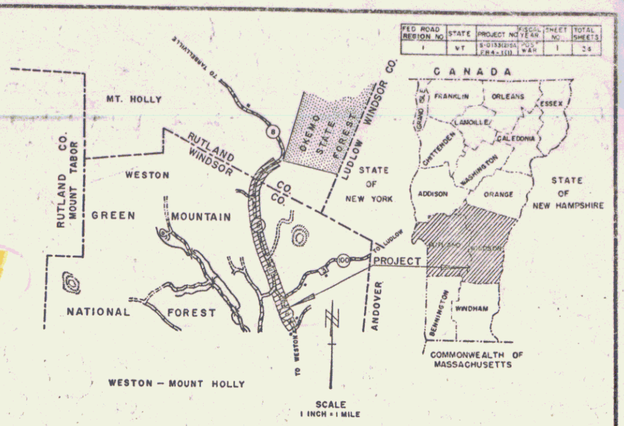
VERMONT ROUTE #~~8~~
WESTON–MOUNT HOLLY ROAD

BEGINNING AT A POINT APPROXIMATELY 0.6 MILES SOUTHERLY OF THE INTERSECTION OF VT. RTE. 100 AND VT. RTE. 8 AND EXTENDING NORTHERLY 3.134 MILES.

LENGTH OF PROJECT 16,546.6 FEET = 3.134 MILES

Pin# 99RL615

FED. ROAD REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	VT	S-0133(2)SA FRA-100	1961	1	54



B.M.'S BASED ON U.S.G.S. B.M. #TT 18C 1942 - ELEV. 1295.46

PROJECT NAME & NUMBER	TYPE	PAVEMENT AREA
WESTON-MT. HOLLY FH-4-1(1) & S-0133(2)SA	SINGLE TACK COAT OF REFINED TAR AND BLADE MIX PEA STONE SEAL WITH CUTBACK ASPHALT.	37,159 S.Y.

RECORD PLANS

MATERIALS

SUBBASE OF GRAVEL — JOHNSONS PIT — WESTON, VERMONT.
REFINED TAR — OLD COLONY TAR CO. — WORCESTER, MASSACHUSETTS.
CUTBACK ASPHALT — MOBIL OIL CO. — E. PROVIDENCE, RHODE ISLAND.
PEA STONE FOR SEAL — WILLIAM E. DAILEY — MANCHESTER, VERMONT.
REINFORCED CONCRETE PIPE — AMERICAN MARIETTA CO. — WINDSOR, VERMONT.
ASPH. CTD. CORR. GALV. METAL PIPE — NEW ENGLAND METAL CULV. CO. — WHITE RIVER JCT., VT.
CABLE GUARD RAIL, WOOD GUIDE & MARKER POSTS — S. T. GRISWOLD & CO. INC. — ESSEX JCT. VT.

CONTR. — CALEDONIA SAND & GRAVEL CO. INC.
ST. JOHNSBURY, VERMONT.
RESIDENT ENGINEER — PAUL G. HORTON.
INSPECTOR — A. J. COARSE
RECORD PLANS — PAUL G. HORTON.

CONTRACT:
DATED — MARCH 9, 1961.
STARTED — MARCH 13, 1961.
COMPLETED — OCTOBER 20, 1961.
ACCEPTED — OCTOBER 20, 1961.

1958	ADT	100
1980	ADT	150
1980	DHV	40
	V	50
	D	70 %
	T	8 %

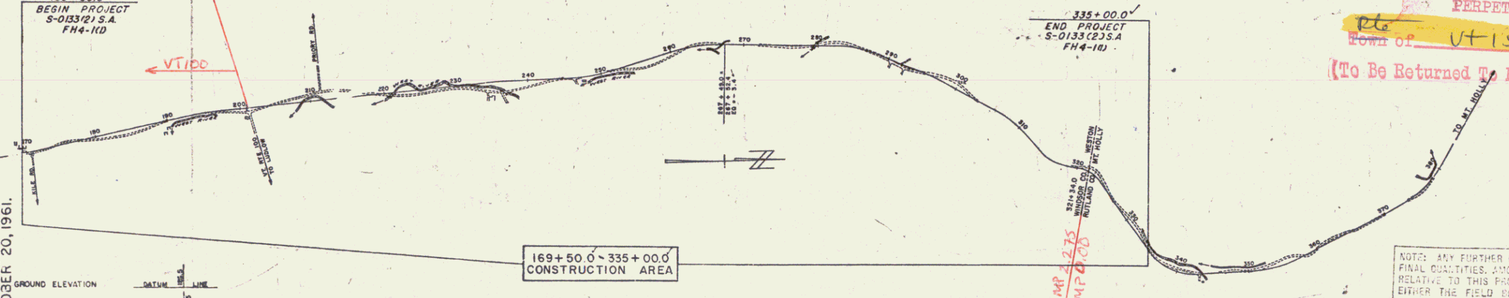
Begin VT 155
STA 201+21 MP 0.00

169+50.0
BEGIN PROJECT
S-0133(2) S.A.
FH4-1(1)

VT 100

MP 0.259

335+00.0
END PROJECT
S-0133(2) S.A.
FH4-1(1)



169+50.0 – 335+00.0
CONSTRUCTION AREA

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
~~Rte~~ ~~Town~~ of VT 155
(To Be Returned To R.O.W. Division)

NOTE: ANY FURTHER INFORMATION CONCERNING FINAL QUANTITIES, AMOUNTS OR OTHER DETAILS RELATIVE TO THIS PROJECT MAY BE FOUND IN EITHER THE FIELD BOOKS OR THE ESTIMATE FILE.

GROUND ELEVATION — DATUM — LINE
GRADE ELEVATION — DATUM — LINE

CURVE DATA
DEFLECTION OF 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.
POINT ON SUB-TANGENT ..... P.O.S.T.

SCALES
TITLE ..... 1" = 800'
TYPICAL ..... 1" = 2'
PLAN ..... 1" = 50'
PROFILE HORIZONTAL ..... 1" = 50'
PROFILE VERTICAL ..... 1" = 10'
CROSS-SECTIONS ..... 1" = 10'

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

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THE PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION OF JANUARY 1956 SUBMITTED TO THE BUREAU OF PUBLIC ROADS AS APPROVED JULY 5, 1956, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

APPROVED	APPROVED	APPROVED	APPROVED	APPROVED	APPROVED
SECONDARY ENGINEER	CONSTRUCTION ENGINEER	BRIDGE ENGINEER	DISTRICT ENGINEER	HIGHWAY ENGINEER	CHIEF ENGINEER
DATE 11/29/60	DATE 11/29/60	DATE 11/29/60	DATE 10/27/60	DATE 11/29/60	DATE 11/29/60

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

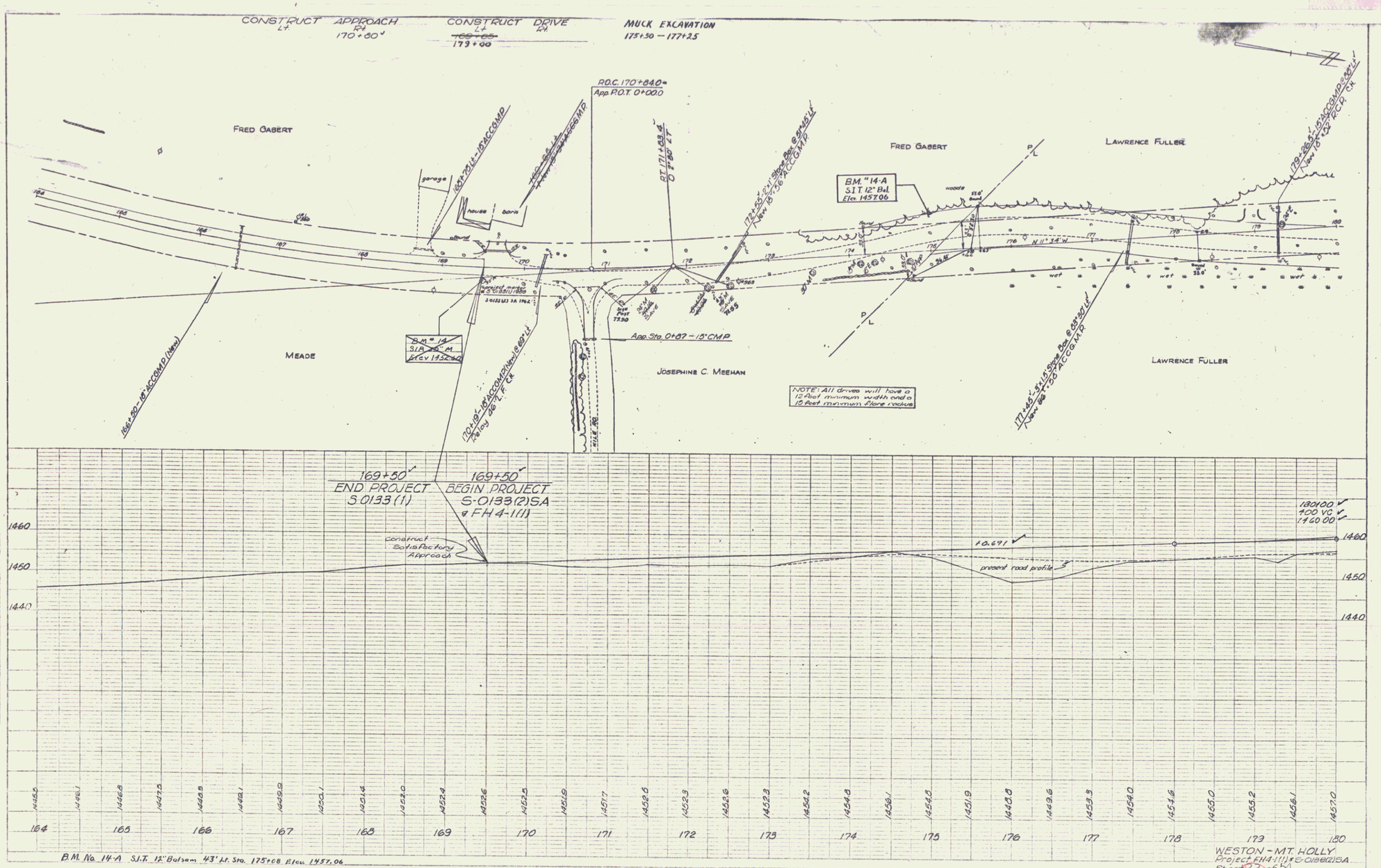
DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
APPROVED
DIVISION ENGINEER — DATE

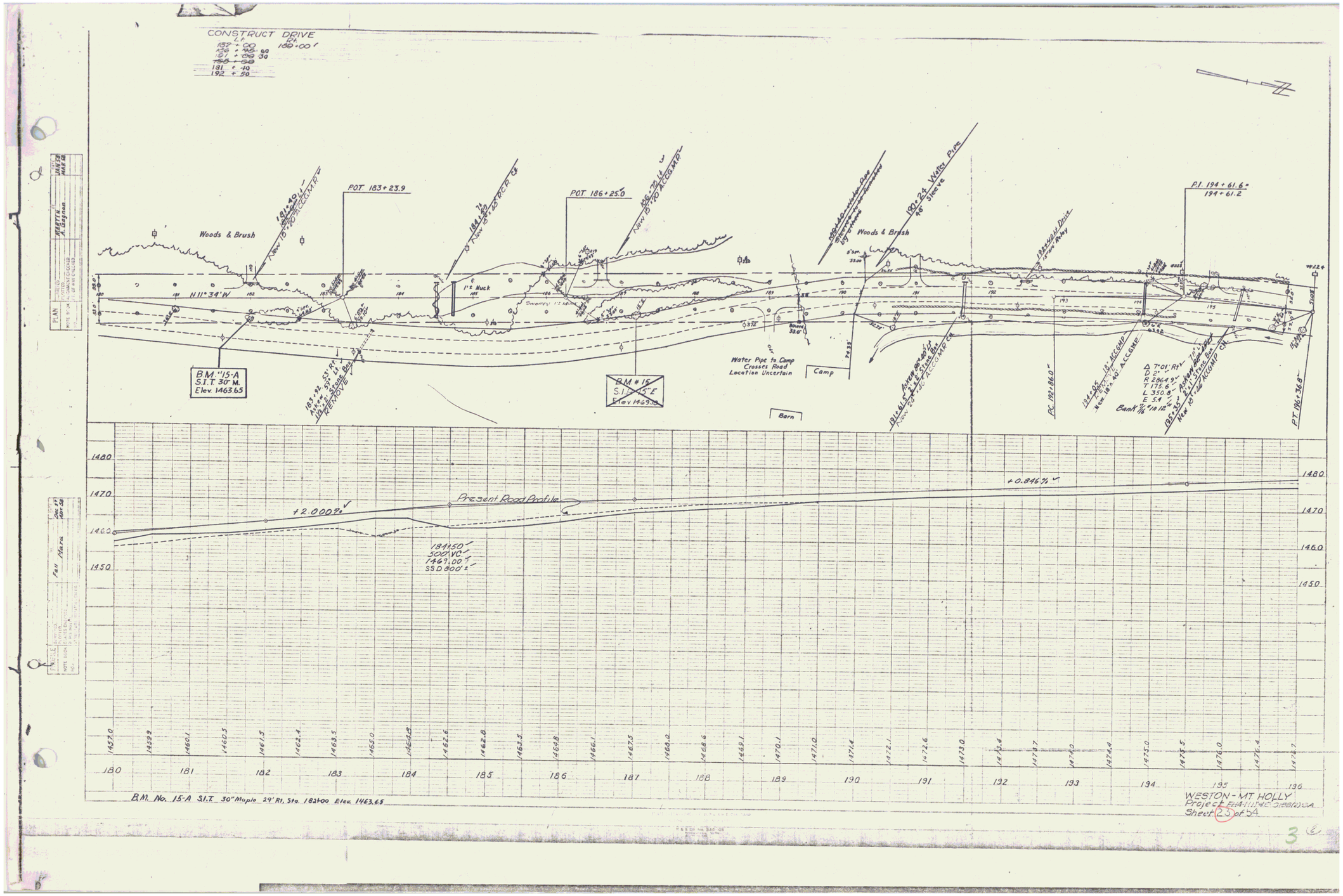
PROJECT S 0133(2)SA FH4 NO. 1(1)

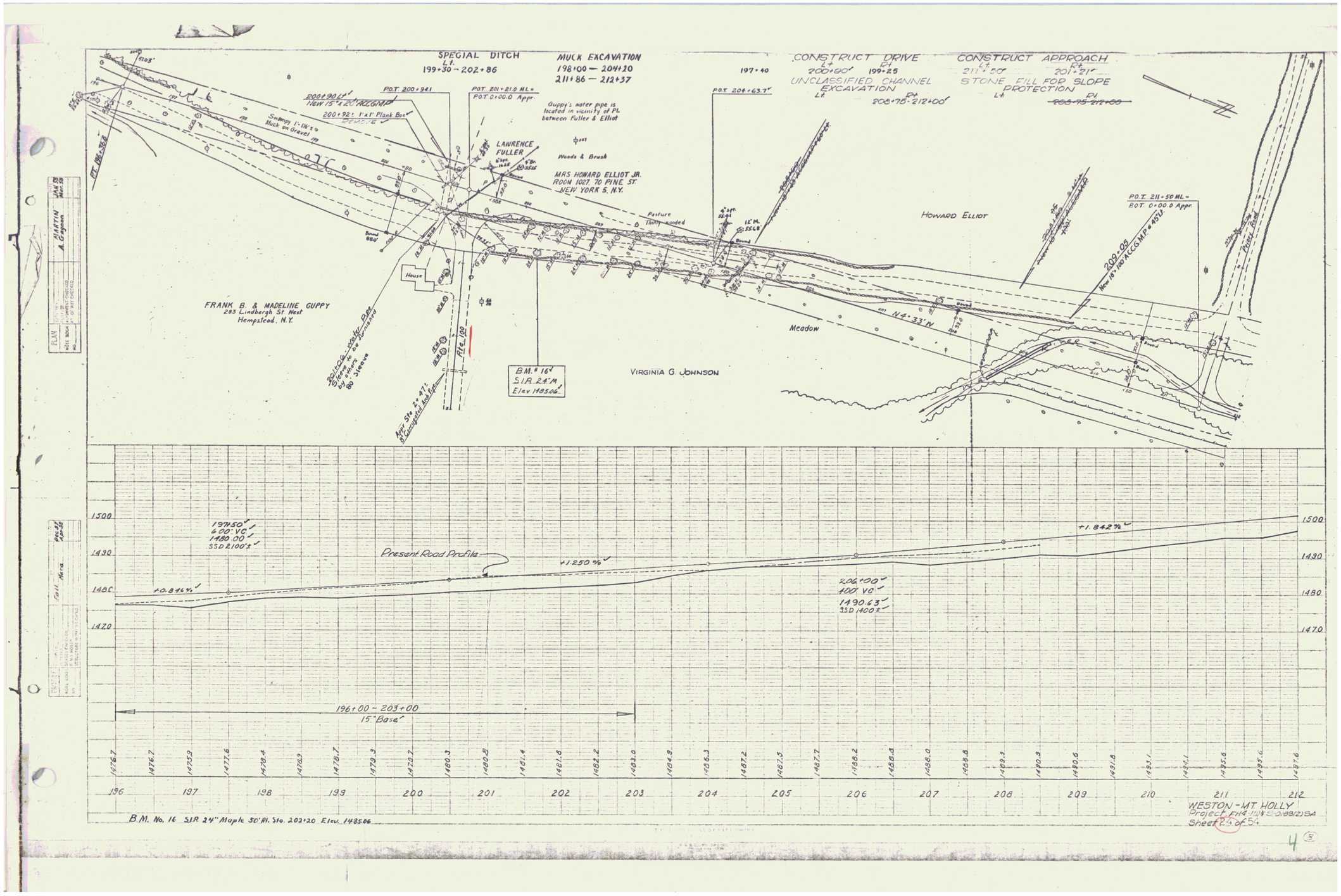
SHEET 1 OF 54 SHEETS

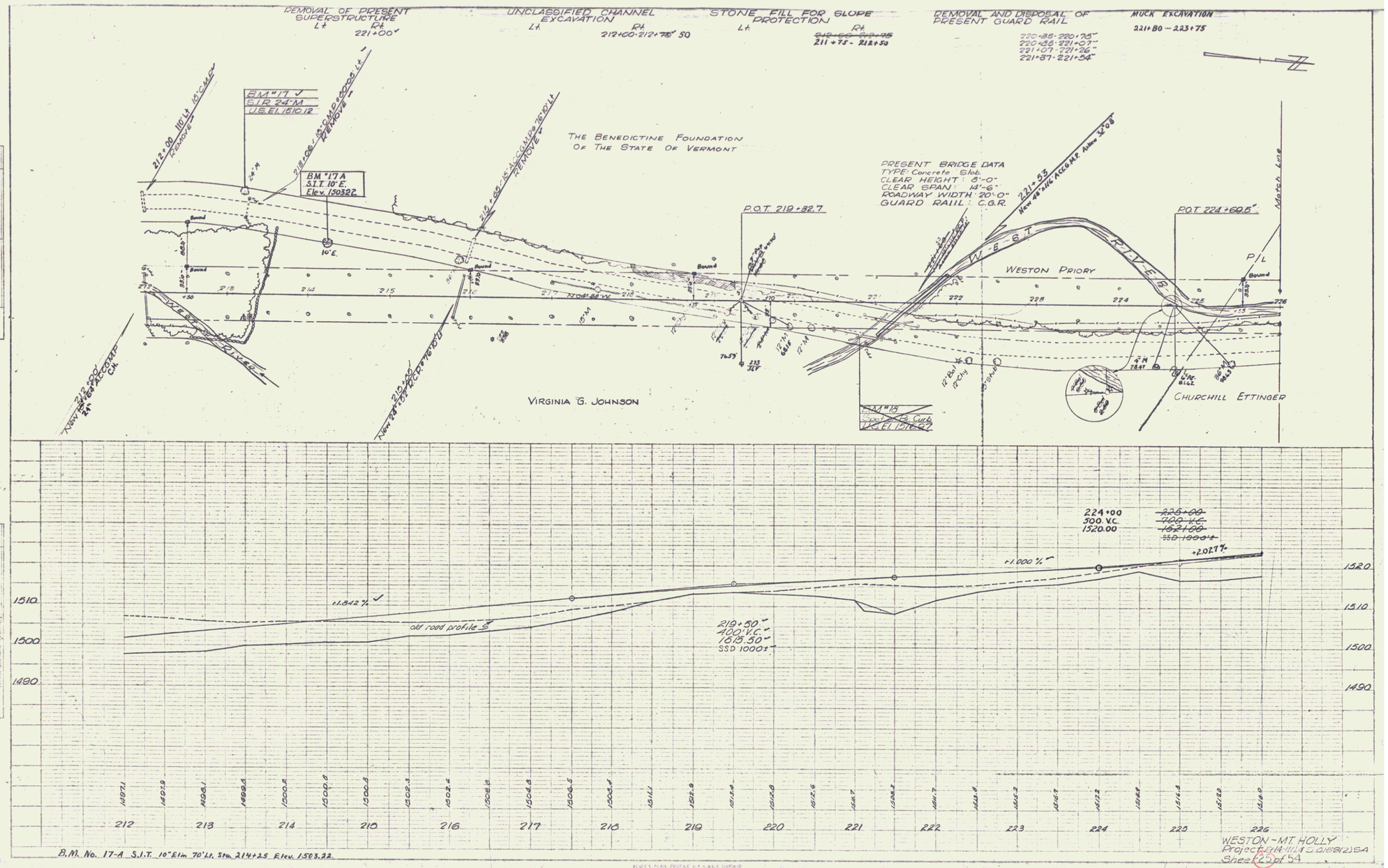
VT 155

VT 155


CONSTRUCT APPROACH
Lt.
170+80
CONSTRUCT DRIVE
Lt.
Rt.
179+00
MUCK EXCAVATION
175+50 — 177+25
P.O.C. 170+84.0 =
App. P.O.T. 0+00.0
FRED GABERT
FRED GABERT
LAWRENCE FULLER
LAWRENCE FULLER
MEADE
JOSEPHINE C. MEEHAN
garage
house
barn
B.M. "14-A
S.I.T. 12" Bal.
Elev. 145.06
B.M. "14"
S.I.P. 25" M.
Elev. 143.60
App. Sta. 0+87 – 15" CMP
NOTE: All drives will have a 12 foot minimum width and a 15 foot minimum flare radius
169+50
END PROJECT
S.0133(1)
169+50
BEGIN PROJECT
S-0133(2)SA
& FH4-1(1)
construct Satisfactory Approach
present road profile
+0.691
180+00
100 VC
1460.00
1460
1450
1440
B.M. No. 14-A S.I.T. 12" Balsam 43' Lt. Sta. 175+08 Elev. 1457.06
WESTON – MT. HOLLY
Project FH4-1(1) & S-0133(2)SA
Sheet 22 of 54


CONSTRUCT DRIVE
S.T. 152 + 00
156 + 145.50
157 + 159.30
180 + 68
181 + 10
192 + 50
Ch. 180+00'
Woods & Brush
N 11° 34' W
POT. 183+23.9
POT. 186+25.0
1" ± Muck
Swampy
B.M. "15-A
S.I.T. 30" M.
Elev. 1463.65
B.M. # 15
S.I.T. 15" E
Elev. 1469.70
Water Pipe to Camp
Crosses Road
Location Uncertain
Camp
Barn
Woods & Brush
48" Sleeve
P.I. 194 + 61.6
194 + 61.2
PC 192+86.0
PT 196+36.8
Present Road Profile
+2.000%
+0.846%
1480
1470
1460
1450
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
B.M. No. 15-A S.I.T. 30" Maple 29' Rt. Sta. 182+00 Elev. 1463.65
WESTON - MT. HOLLY
Project
Sheet 23 of 54


SPECIAL DITCH
Lt.
199+30 – 202+86
MUCK EXCAVATION
198+00 — 204+20
211+86 — 212+37
CONSTRUCT DRIVE
Lt. 200+60'
Pt. 199+25
UNCLASSIFIED CHANNEL EXCAVATION
Lt.
Pt. 208+75 - 212+00
CONSTRUCT APPROACH
Lt. 211+50'
Pt. 201+21'
STONE FILL FOR SLOPE PROTECTION
Lt.
Pt.
~~208+95 212+00~~
P.O.T. 200+94
P.O.T. 201+21.0 ML =
P.O.T. 0+00.0 Appr.
P.O.T. 204+63.7'
P.O.T. 211+50 ML =
P.O.T. 0+00.0 Appr.
200+90 Lt.
New 15" x 20' ACCGMP
200+92± 1'x1' Plank Box
REMOVE
Swampy 1'-1½'± Muck on Gravel
Guppy's water pipe is located in vicinity of Pt. between Fuller & Elliot
LAWRENCE FULLER
Woods & Brush
MRS. HOWARD ELLIOT JR.
ROOM 1027, 70 PINE ST.
NEW YORK 5, N.Y.
Pasture
Thinly wooded
HOWARD ELLIOT
209+05
New 18" x 140' ACCGMP & 45 L.F.
House
FRANK B. & MADELINE GUPPY
283 Lindbergh St. West
Hempstead, N.Y.
Meadow
N4°33'W
VIRGINIA G. JOHNSON
B.M.# 16'
S.I.R. 24" M.
Elev 1485.06'
Pt. 120
Apr. Sta. 2+41±
8" Corrugated Iron Pipe
Paint Road
197+50
600' VC
1480.00
SSD 2100'±
+0.816%
Present Road Profile
+1.250%
+1.842%
206+00
400' VC
1490.63
SSD 1400'±
196+00 ~ 203+00
15" Base
1500
1490
1480
1470
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
B.M. No. 16 S.I.R. 24" Maple 50' Rt. Sta. 202+20 Elev. 1485.06
WESTON - MT. HOLLY
Project FH4-1114 (3)
Sheet 29 of 54
4 (3)



B.M. No. 17-A S.I.T. 10' Elm 70' Lt. Sta. 214+25 Elev. 1503.22

WESTON - MT. HOLLY
Project BRH-1111(4) & 0188(2) SA
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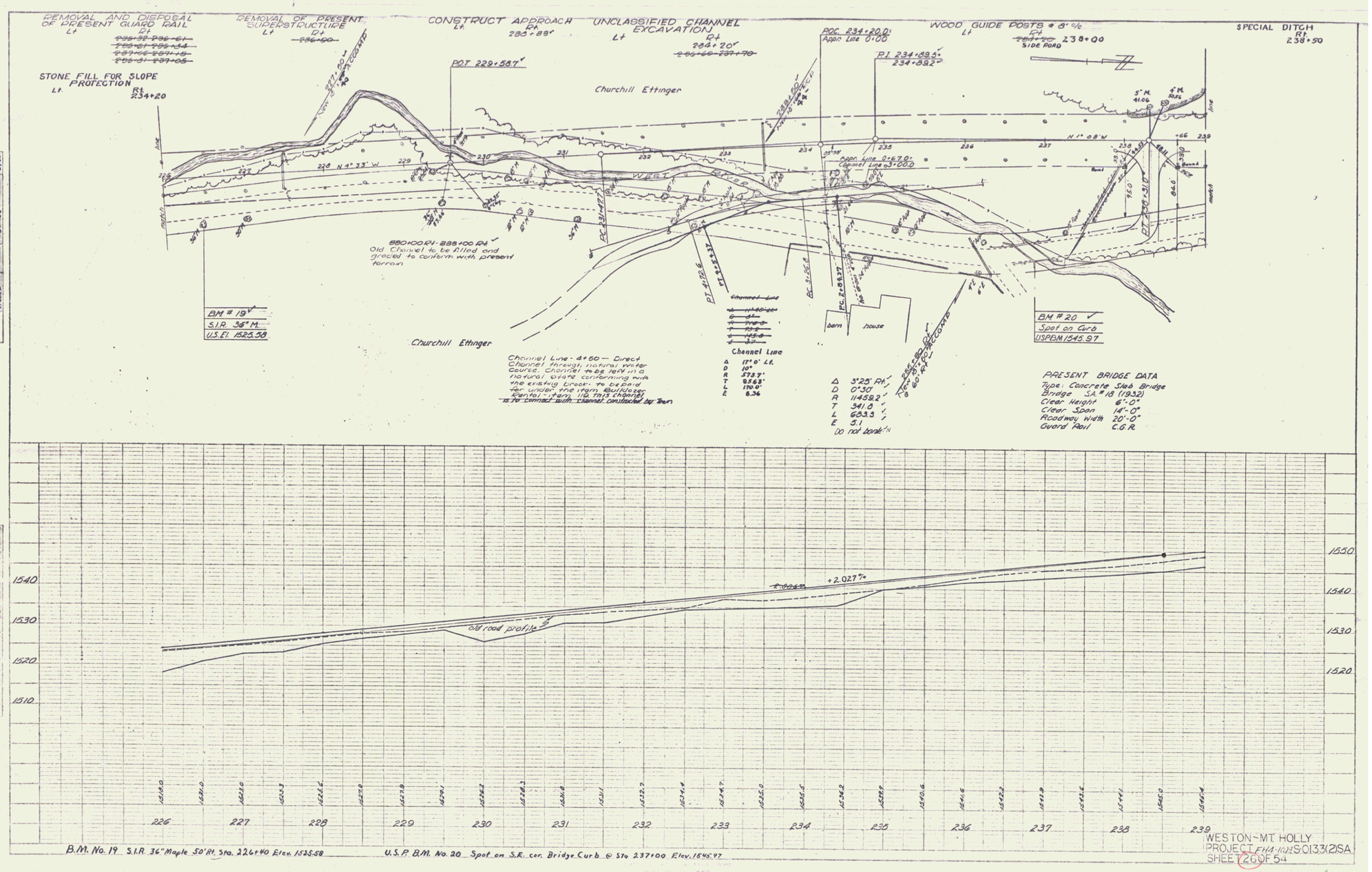

B.M. No. 19 S.I.R. 36" Maple 50' Rt. Sta. 226+40 Elev. 1525.58

U.S.P. B.M. No. 20 Spot on S.E. cor. Bridge Curb @ Sta 237+00 Elev. 1545.97

WESTON - MT. HOLLY
PROJECT FHA-16(1) S0133(2)SA
SHEET 26 OF 54

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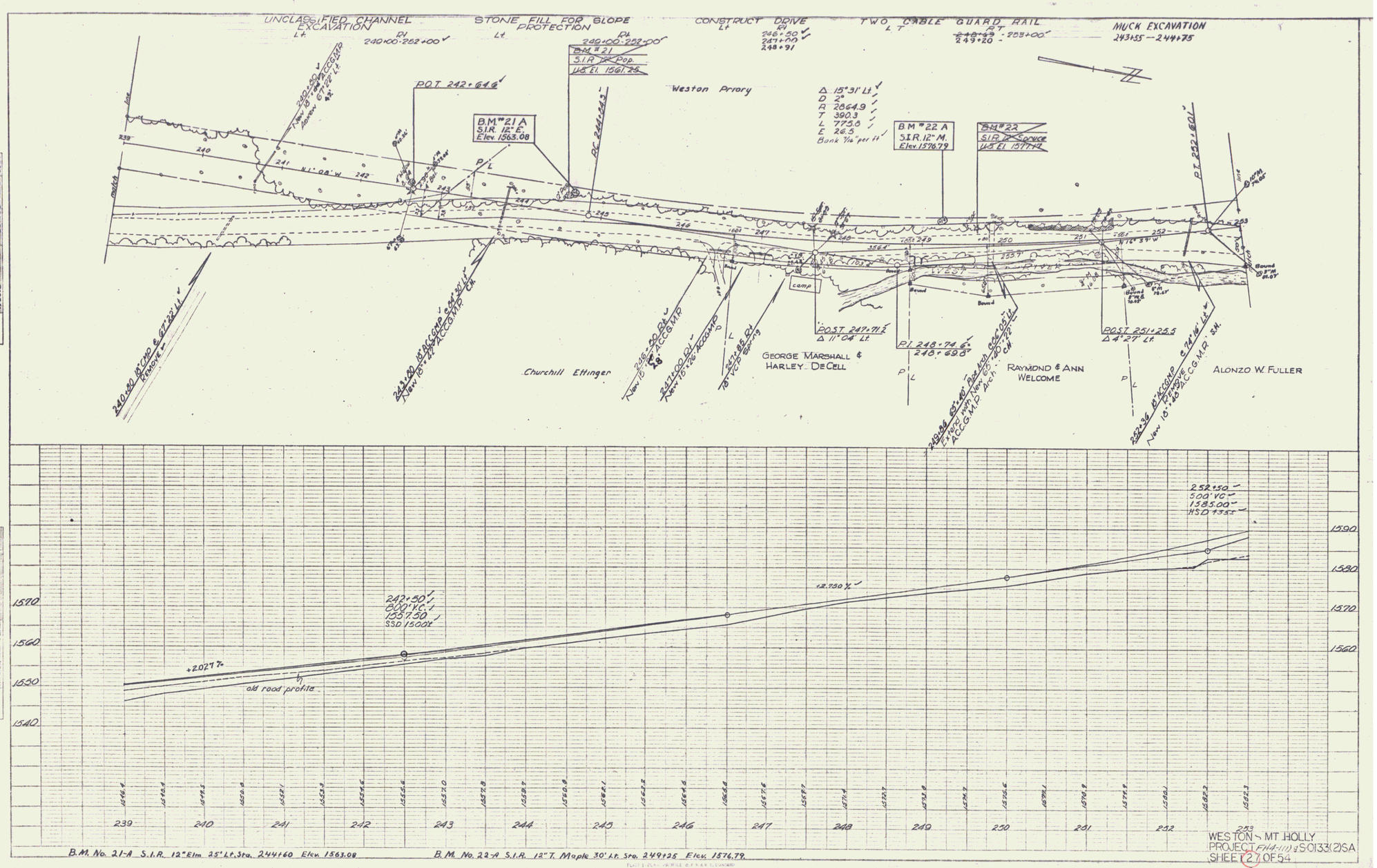
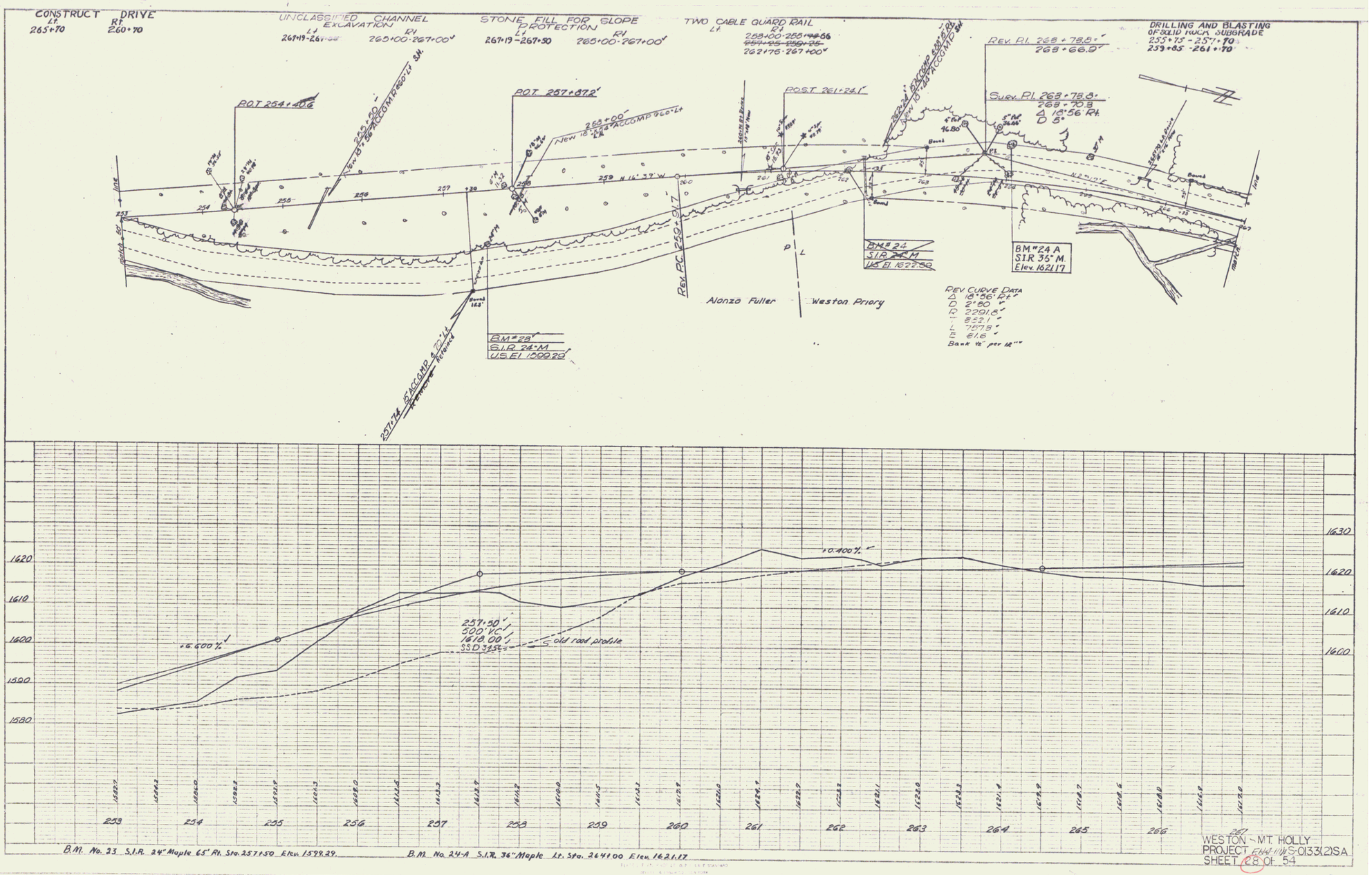
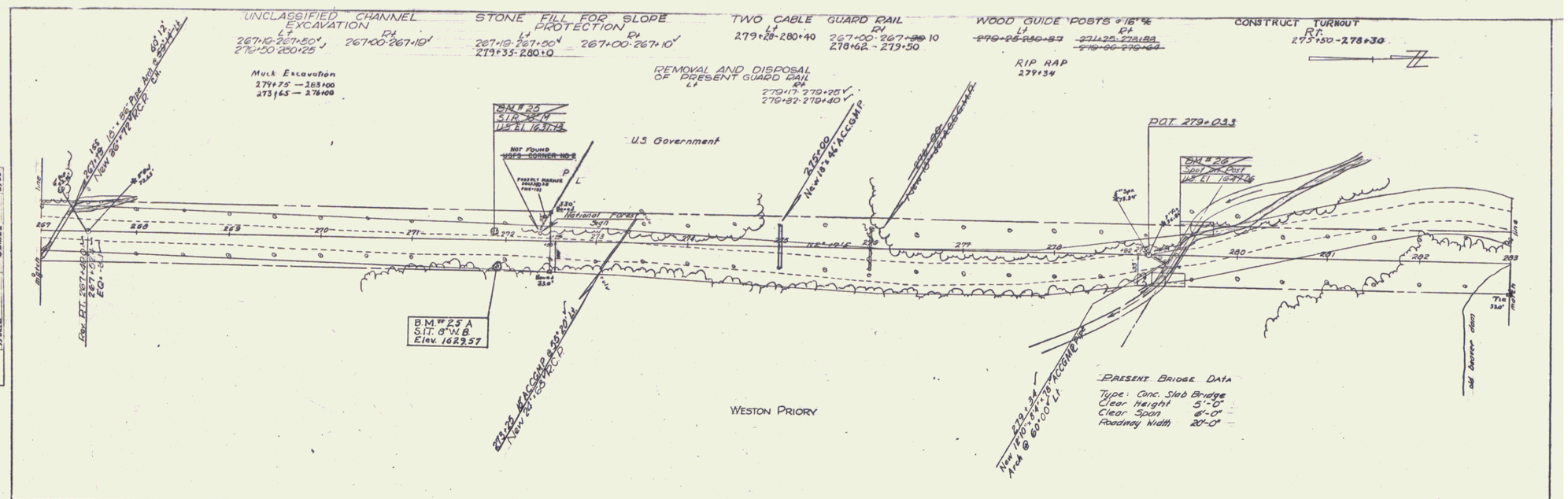
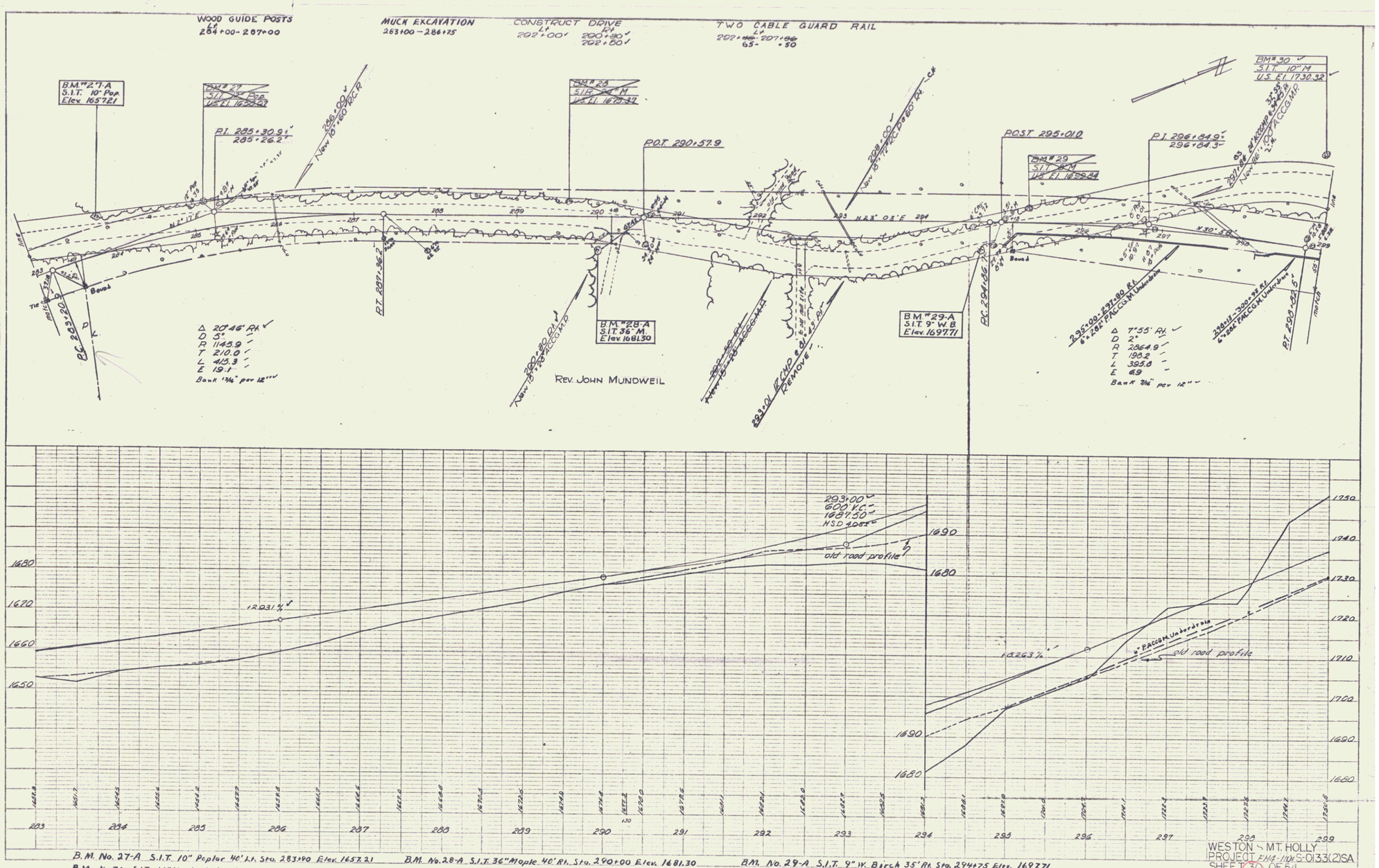

UNCLASSIFIED CHANNEL EXCAVATION
STONE FILL FOR SLOPE PROTECTION
CONSTRUCT DRIVE
TWO CABLE GUARD RAIL
MUCK EXCAVATION
243+55 — 244+75
Weston Priory
Δ 15° 31' Lt.
D 2°
R 2864.9
T 390.3
L 775.8
E 26.5
Bank 7/16" per ft
B.M. # 21 A
S.I.R. 12" E.
Elev. 1563.08
B.M. # 22 A
S.I.R. 12" M.
Elev. 1576.79
B.M. # 22
S.I.R. Spruce
Elev. 1577.42
P.O.T. 242+64.6
P.O.T. 247+71.2
Δ 11° 04' Lt.
P.I. 248+74.6
248+69.8
P.O.T. 251+25.5
Δ 4° 27' Lt.
P.T. 252+60
camp
GEORGE MARSHALL & HARLEY DeCELL
Churchill Ettinger
RAYMOND & ANN WELCOME
ALONZO W. FULLER
240+50 18" CMP & 67+22 Lt. REMOVE
243+00 18" ACCGMP & 64+30 Lt.
New 18" ACCGMP
247+00 24" ACCGMP
New 18" ACCGMP
248+85 24" VCP Spring
249+86 63+40 Lt. Pipe arch
New 60" Arch CM
ACCGMP
252+36 63+40 Lt.
New 18" ACCGMP
252+50
500' VC
1385.00
HSD 4.35
242+50
800' VC
1557.50
SSD 1500'
+2.750 %
+2.027 %
old road profile
1590
1580
1570
1560
1550
1540
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
B.M. No. 21-A S.I.R. 12" Elm 25' Lt. Sta. 244+60 Elev. 1563.08
B.M. No. 22-A S.I.R. 12" T. Maple 30' Lt. Sta. 249+25 Elev. 1576.79
WESTON - MT. HOLLY
PROJECT F-14-1(1) & S-0133(2)SA
SHEET 27 OF 54


CONSTRUCT DRIVE
Lt. 265+70
Rt. 260+70
UNCLASSIFIED CHANNEL EXCAVATION
Lt. 267+19-267+50
Rt. 265+00-267+00
STONE FILL FOR SLOPE PROTECTION
Lt. 267+19-267+50
Rt. 265+00-267+00
TWO CABLE GUARD RAIL
Lt.
Rt. 258+00-258+50
262+75-267+00
DRILLING AND BLASTING OF SOLID ROCK SUBGRADE
255+75-257+70
259+85-261+70
P.O.T. 254+40.6
P.O.T. 257+87.2'
P.O.S.T. 261+24.1'
Rev. P.I. 268+78.8'
268+66.9'
Surv. P.I. 268+78.8'
268+70.8
Δ 16°56' Rt.
D 5°
Rev. PC 259+91.7
B.M. # 24
S.I.R. 24" M
U.S. El. 1622.50
B.M. # 24 A
S.I.R. 36" M.
Elev. 1621.17
B.M. # 23
S.I.R. 24" M
U.S. El. 1599.29
Alonzo Fuller
Weston Priory
Rev. Curve Data
Δ 16°56' Rt.
D 2°30'
R 2291.8'
T 342.1'
L 757.8'
E 61.6'
Bank 1½" per 12"
+6.600%
+0.400%
257+50
500' VC
1618.00
SSD 375
old road profile
1620
1610
1600
1590
1580
1630
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
B.M. No. 23 S.I.R. 24" Maple 65' Rt. Sta. 257+50 Elev. 1599.29.
B.M. No. 24-A S.I.R. 36" Maple Lt. Sta. 264+00 Elev. 1621.17
WESTON - MT. HOLLY
PROJECT FHWA-HPR-S-0133(2)SA
SHEET 28 OF 54


UNCLASSIFIED CHANNEL EXCAVATION
Lt 267+10-267+50, 270+50-280+25
Rt 267+00-267+10
STONE FILL FOR SLOPE PROTECTION
Lt 267+19-267+50, 279+35-280+0
Rt 267+00-267+10
TWO CABLE GUARD RAIL
Lt 279+20-280+40
Rt 267+00-267+10, 278+62-279+50
WOOD GUIDE POSTS @ 16' %
Lt ~~279+25-280+87~~
Rt 271+25-272+88, ~~278+90-279+64~~
CONSTRUCT TURNOUT
Rt. 275+50-278+30
Muck Excavation
279+75 — 283+00
273+65 — 276+00
REMOVAL AND DISPOSAL OF PRESENT GUARD RAIL
Lt 279+17-279+25, 279+32-279+40
RIP RAP
279+34
U.S Government
National Forest
POT 279+03.3
B.M. # 25 A
S.I.T. 8" W.B.
Elev. 1629.57
WESTON PRIORY
PRESENT BRIDGE DATA
Type: Conc. Slab Bridge
Clear Height 5'-0"
Clear Span 8'-0"
Roadway Width 20'-0"
old house cellar
EQ. 34
+2.3386 %
old road profile
283+00
600' VC
1638.17
287+00
600' VC
1622.00
B.M. No. 25-A S.I.T. 8" W. Birch 30' Rt. Sta. 271+75 Elev. 1629.57
WESTON - MT HOLLY
PROJECT FH4-114 S-0133(2)SA
SHEET 29 OF 54

9

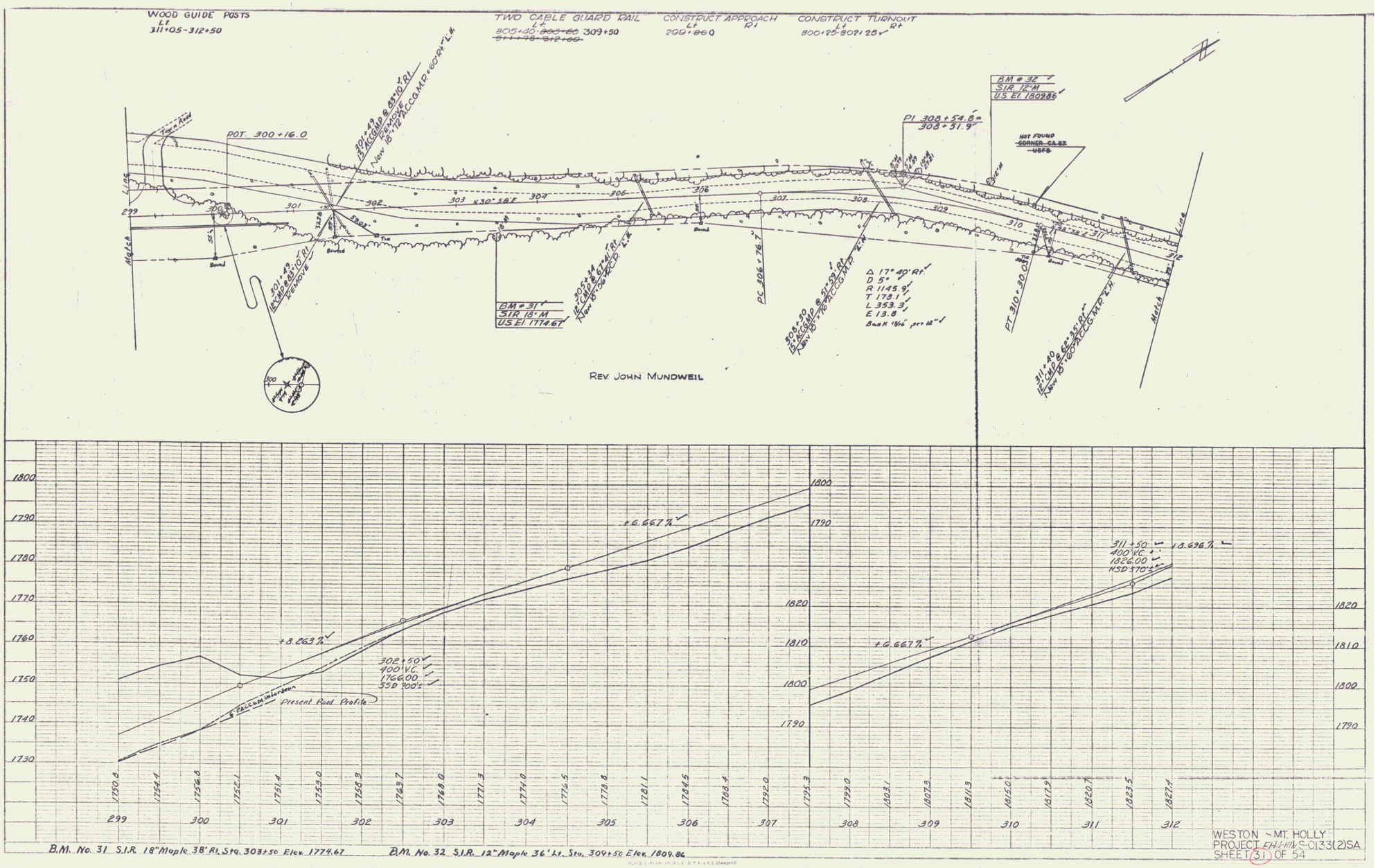


B.M. No. 27-A S.I.T. 10" Poplar 40' Lt. Sta. 283+90 Elev. 1657.21 B.M. No. 28-A S.I.T. 36" Maple 40' Rt. Sta. 290+00 Elev. 1681.30 B.M. No. 29-A S.I.T. 9" W. Birch 35' Rt. Sta. 294+75 Elev. 1697.71

B.M. No. 30 S.I.T. 10" Maple 110' Lt. Sta. 299+00 Elev. 1730.32.

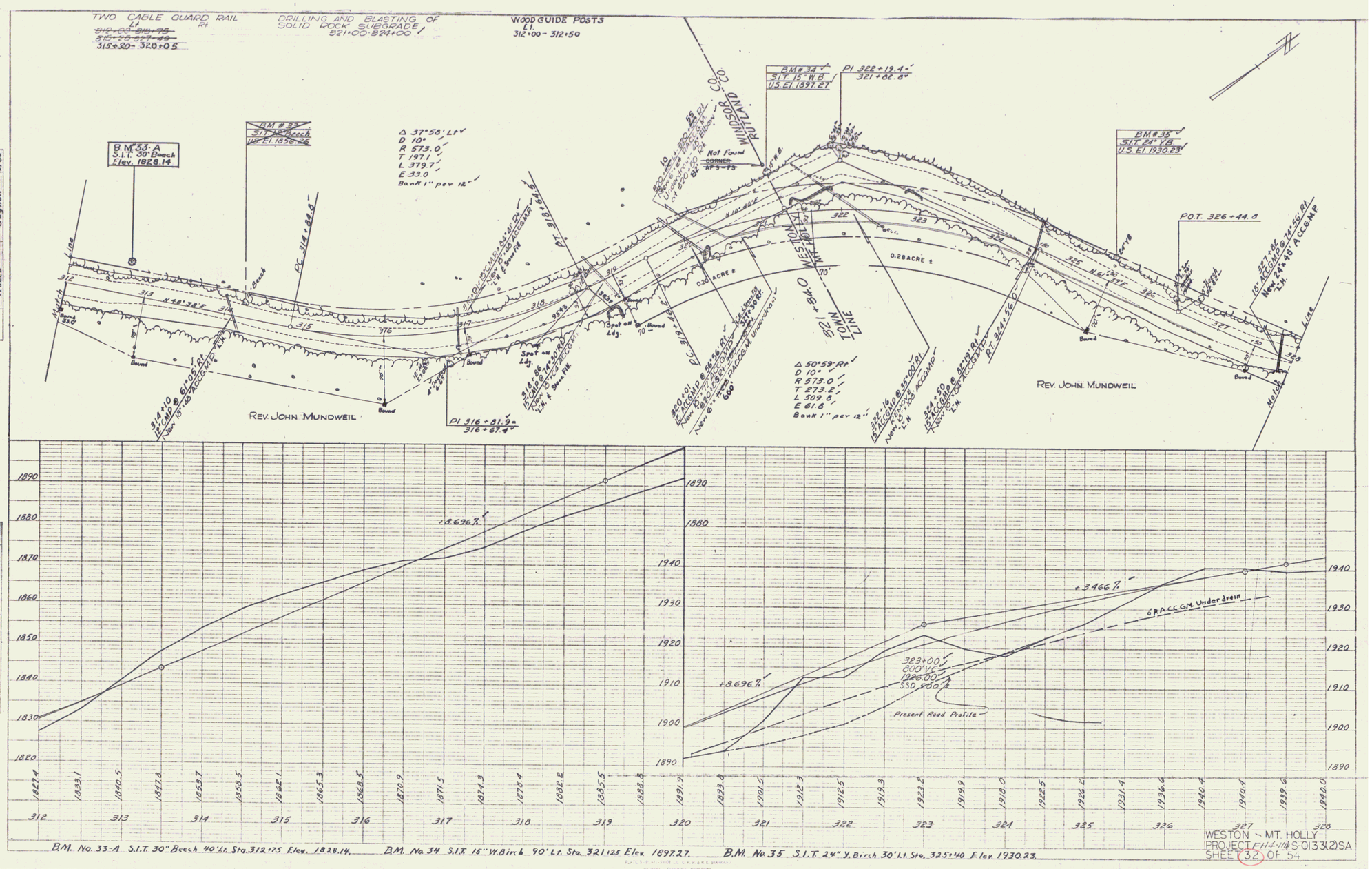
WESTON & MT. HOLLY
PROJECT FAP-1(17) S-0133(2)SA
SHEET 30 OF 54

10



PLAN
Scale 1" = 10'
Plotted: Spalding 2/60
Checked: Laulmann 3/60
Note Book No.
Traced: Bagnon 5/60

PROFILE
Scale 1" = 10'
Plotted: Barnes 2/60
Checked: Bagnon
Note Book No.
Vertical Datum: U.S.G.S. Datum



PLAN
Sketched 3/60
Traced 3/60
Gagnon

PROFILE
Plotted 1/60
Checked 1/60
Bonds
Gagnon

WESTON - MT. HOLLY
PROJECT FH-4-104 S-0133(2)SA
SHEET 32 OF 54

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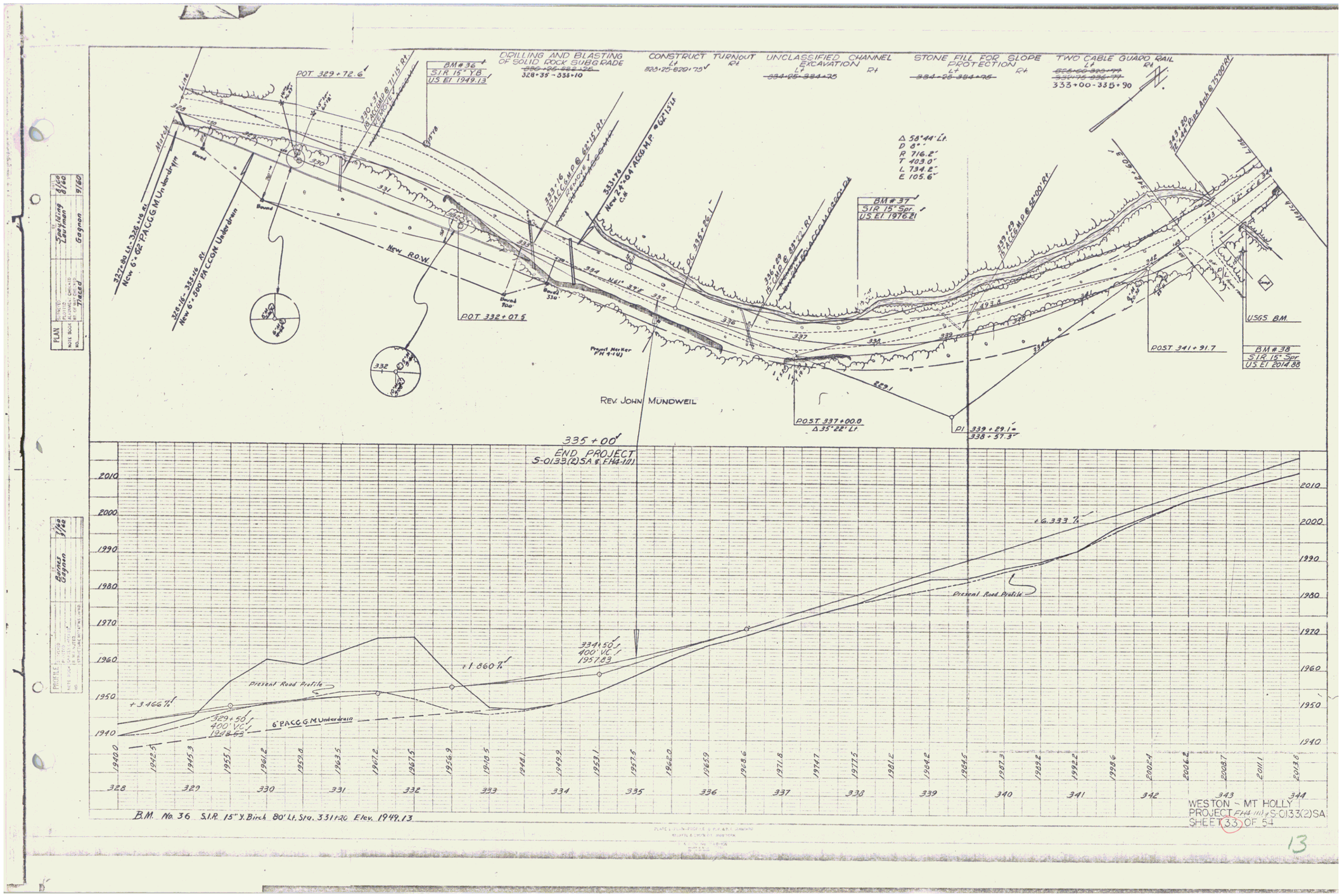
DRILLING AND BLASTING OF SOLID ROCK SUBGRADE
CONSTRUCT TURNOUT
UNCLASSIFIED CHANNEL EXCAVATION
STONE FILL FOR SLOPE PROTECTION
TWO CABLE GUARD RAIL
BM # 36
S.I.R. 15" YB
US El 1949.13
POT 329 + 72.6
POT 332 + 07.5
POST 337 + 00.0
Δ 35° 22' Lt
PI 339 + 29.1
338 + 57.3
POST 341 + 91.7
BM # 37
S.I.R. 15" Spr.
US El 1976.21
BM # 38
S.I.R. 15" Spr.
US El 2014.88
USGS B.M.
Δ 58° 44' Lt.
D 8°
R 716.2'
T 403.0'
L 734.2'
E 105.6'
New R.O.W.
Rev. John Mundweil
335 + 00
END PROJECT
S-0133(2)SA & FHA-111
+6.333 %
+1.860 %
+3.466 %
Present Road Profile
6" PACC.G.M. Underdrain
B.M. No. 36 S.I.R. 15" Y. Birch 80' Lt. Sta. 331+20 Elev. 1949.13
WESTON - MT HOLLY
PROJECT FHA 111 & S-0133(2)SA
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