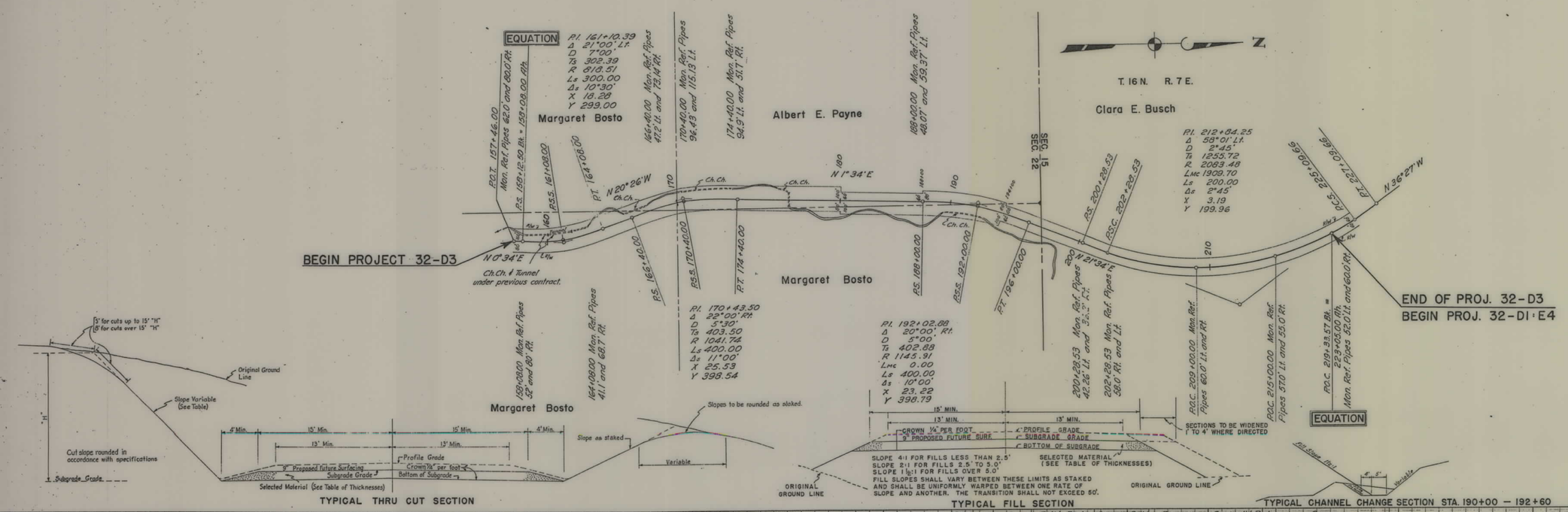
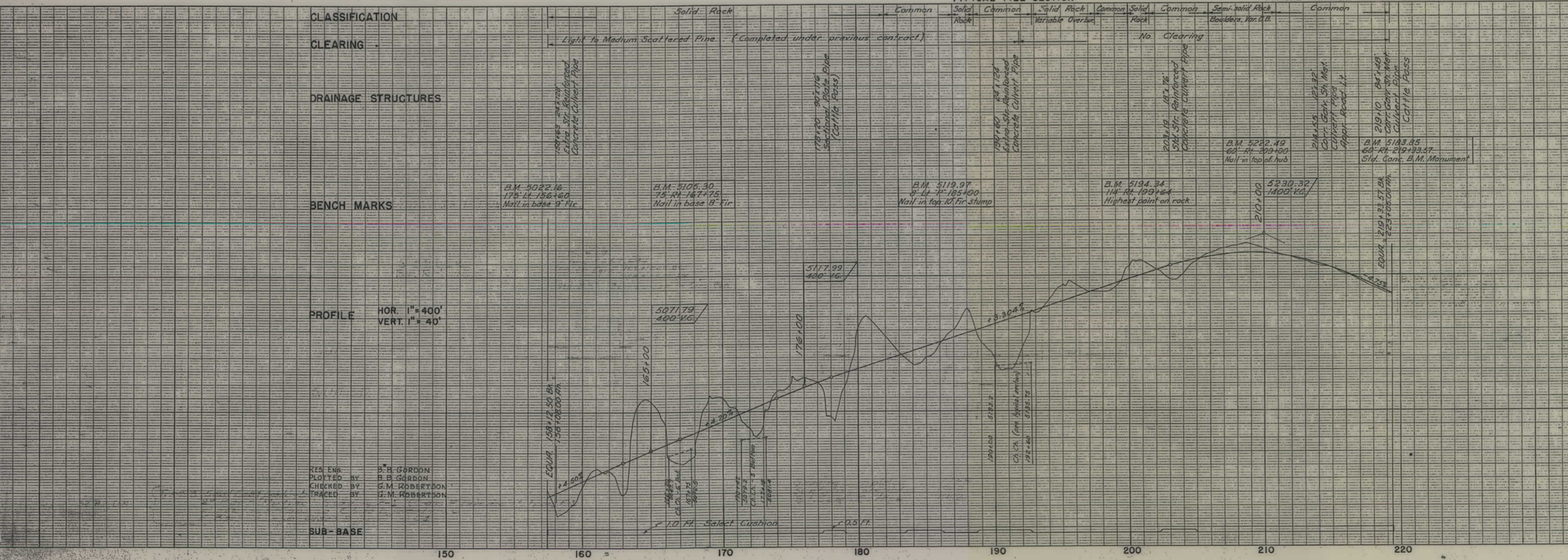
PLANS
NOT
TO
SCALE


EQUATION
P.I. 161+10.39
Δ 21°00' Lt.
D 7°00'
Ts 302.39
R 818.51
Ls 300.00
Δs 10°30'
X 18.28
Y 299.00
P.O.T. 157+46.00
Mon. Ref. Pipes 62.0' and 60.0' Rt.
P.S. 159+12.50 Bk. = 159+08.00 Ahd.
P.S.S. 161+08.00
P.T. 164+08.00
Mon. Ref. Pipes 47.2' Lt. and 73.14' Rt.
Mon. Ref. Pipes 96.43' and 115.13' Lt.
Mon. Ref. Pipes 94.9' Lt. and 51.7' Rt.
Mon. Ref. Pipes 48.07' and 59.37' Lt.
Margaret Bosto
Albert E. Payne
Margaret Bosto
Clara E. Busch
T. 16 N. R. 7 E.
SEC. 15
SEC. 22
N
N 20°26' W
N 0°34' E
N 1°34' E
N 21°34' E
N 36°27' W
BEGIN PROJECT 32-D3
Ch.Ch. & Tunnel under previous contract.
P.S. 166+10.00
P.S.S. 170+40.00
P.T. 174+40.00
P.S. 188+00.00
P.S.S. 192+02.00
P.T. 196+00.00
P.S. 200+28.53
P.S.C. 202+28.53
P.I. 212+84.25
Δ 59°01' Lt.
D 2°45'
Ts 1255.72
R 2083.48
Lmc 1909.70
Ls 200.00
Δs 2°45'
X 3.19
Y 199.96
P.C.S. 226+09.66
P.T. 227+02.66
END OF PROJ. 32-D3
BEGIN PROJ. 32-D1 : E4
P.I. 170+43.50
Δ 22°00' Rt.
D 5°30'
Ts 403.50
R 1041.74
Ls 400.00
Δs 11°00'
X 25.53
Y 398.54
P.I. 192+02.88
Δ 20°00' Rt.
D 5°00'
Ts 402.88
R 1145.91
Lmc 0.00
Ls 400.00
Δs 10°00'
X 23.22
Y 398.79
139+08.00 Mon. Ref. Pipes 32' and 80' Rt.
164+08.00 Mon. Ref. Pipes 41.1' and 68.7' Rt.
2001+28.53 Mon. Ref. Pipes 42.26' Lt. and 32.2' Rt.
2012+28.53 Mon. Ref. Pipes 38.0' Rt. and Lt.
P.O.C. 209+00.00 Mon. Ref. Pipes 60.0' Lt. and Rt.
P.O.C. 215+00.00 Mon. Ref. Pipes 57.0' Lt. and 55.0' Rt.
P.O.C. 219+33.57 Bk. = 223+05.00 Ahd.
Mon. Ref. Pipes 62.0' Lt. and 60.0' Rt.
EQUATION
SECTIONS TO BE WIDENED 1' TO 4' WHERE DIRECTED
Slopes to be rounded as staked.
Slope as staked
Variable
Original Ground Line
Slope Variable (See Table)
Cut slope rounded in accordance with specifications
Subgrade Grade
Selected Material (See Table of Thicknesses)
Profile Grade
Crown ¼" per foot
Bottom of Subgrade
Proposed future Surfacing
Crown ¼" per foot
PROFILE GRADE
SUBGRADE GRADE
BOTTOM OF SUBGRADE
SELECTED MATERIAL (SEE TABLE OF THICKNESSES)
SLOPE 4:1 FOR FILLS LESS THAN 2.5'
SLOPE 2:1 FOR FILLS 2.5' TO 5.0'
SLOPE 1½:1 FOR FILLS OVER 5.0'
FILL SLOPES SHALL VARY BETWEEN THESE LIMITS AS STAKED AND SHALL BE UNIFORMLY WARPED BETWEEN ONE RATE OF SLOPE AND ANOTHER. THE TRANSITION SHALL NOT EXCEED 50'.
ORIGINAL GROUND LINE
TYPICAL THRU CUT SECTION
TYPICAL FILL SECTION
TYPICAL CHANNEL CHANGE SECTION STA. 190+00 — 192+60


CLASSIFICATION
Solid Rock
Common
Solid Rock
Common
Solid Rock
Variable Overburden
Common
Solid Rock
Common
Semi-solid Rock
Boulders, Var. O.B.
Common
CLEARING
Light to Medium Scattered Pine. (Completed under previous contract)
No Clearing
DRAINAGE STRUCTURES
138+67.00 Extra Str. Reinforced Concrete Culvert Pipe
176+70 Sec. 16 Schoolhouse Plate Pipe (Cattle Pass)
191+60 Extra Str. Reinforced Concrete Culvert Pipe
202+19 Std. Str. Reinforced Concrete Culvert Pipe
214+75 Sec. 22 Corr. Galv. Str. Mat. Culvert Pipe Haul Road Lt.
219+10 Sec. 22 Corr. Galv. Str. Mat. Culvert Pipe Cattle Pass
BENCH MARKS
B.M. 5022.16
175' Lt. 156+60
Nail in base 9" Fir
B.M. 5106.30
75' Rt. 167+75
Nail in base 8" Fir
B.M. 5119.97
9' Lt. 185+00
Nail in top 10" fir stump
B.M. 5194.24
110' Rt. 199+64
Highest point on rock
B.M. 5262.49
60' Rt. 209+00
Nail in top of hub
B.M. 5183.85
60' Rt. 219+23.67
Std. Conc. B.M. Monument
PROFILE
HOR. 1" = 400'
VERT. 1" = 40'
5117.99
400' V.C.
5071.79
400' V.C.
5230.32
1800' V.C.
EQUA. 138+12.50 Bk. = 138+00.00 Ahd.
EQUA. 219+33.57 Bk. = 223+05.00 Ahd.
+4.50%
+8.00%
+3.30%
+3.64%
1650.00
1750.00
2100.00
RES. ENG. B. B. GORDON
PLOTTED BY B. B. GORDON
CHECKED BY G. M. ROBERTSON
TRACED BY G. M. ROBERTSON
SUB-BASE
1.0 Ft. Select Cushion
0.5 Ft.
150
160
170
180
190
200
210
220