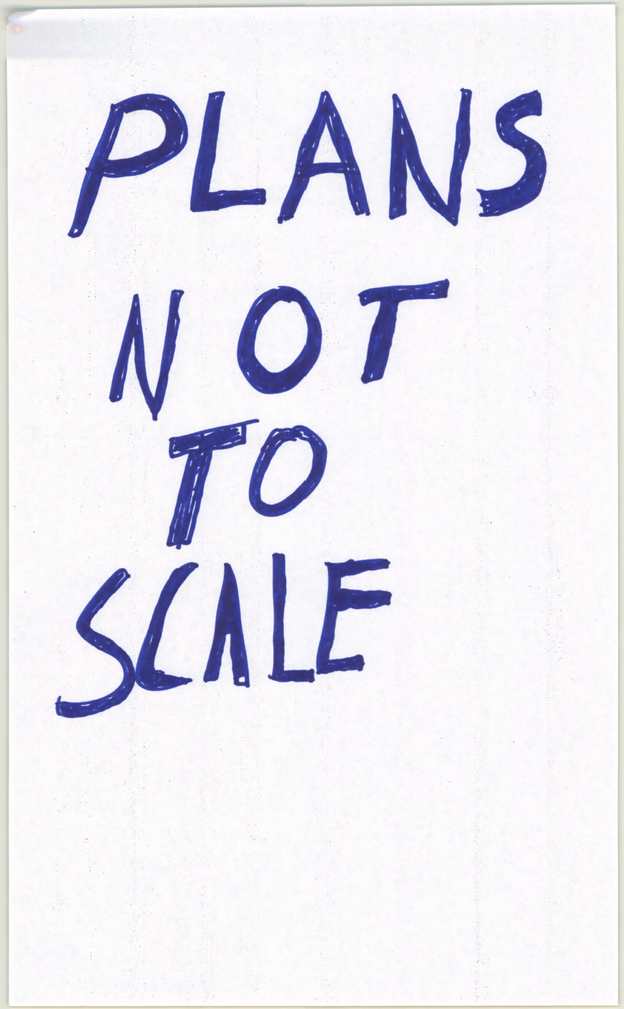

PLANS
NOT
TO
SCALE

T.33N. R.34W. M.M.

U.S. Department of Agriculture — Bureau of Public Roads — Project No. 299
NATIONAL FOREST ROAD — SHEET No. 3
State Line-Leonia SECTION — Total Sheets 4
STATE Montana

Slope as Staked.

Min 6"

5' 9' 10'

19'

TYPICAL SECTION.

GRAVEL PIT
GRAVEL USE FOR SURFACING

JOHN BYFIELD

JAMES S. LYNCH

HELENA BOTT

SCHOOL LAND

SCHOOL LAND

GEORGE McCORMICK

LIBBY LUMBER COMPANY

JOHN COATS

JOHN COATS

JAMES McCORMICK

GEORGE McCORMICK

LIME CREEK

Construction Alignment + Profile.
Scale: 400'=1".

SLOPES
CLASSIFICATION — Loose Sand | Clay | Clay and Sand Loam (6"to 8") | Sand | Clay | Sandy Loam | Clay | Clay and Small Boulders
CLEARING — Larch and Pine (6" to 18") | Field | Fir Tamarack and Alder Brush | Field | Pine | Fir, Pine Tamarack and Cedar (in" to 36" in Dia.)
Pine Fir and Cedar
SURFACING
MAINTENANCE POSTS SET EVERY EVEN 10'D STATION

STRUCTURES

B.M. 2336.03 Sta. 121+26 40' Rt. Nail in Top of 36" Stump

B.M. 2334.04 Sta. 130+26 25' Lt. Nail In Base of 10" Pine

B.M. 2281.16 Sta. 144+20 20' Lt. Nail In Base of 30" Tamarack.

B.M. 2295.15 Sta. 157+25 30' Lt. Nail in Root of 28" Stump

B.M. 2236.41 Sta. 170+70 100' Lt. Nail in Base of 26" Cedar.

B.M. 2217.99 Sta. 188+85 90' Lt. Nail in Root of 28" Stump.

B.M. 2211.25 Sta. 197+00 35' Lt. Nail in Root of 12" Fir.

B.M. 2211.79 Sta. 214+20 30' Lt. Nail in Root of 24" Fir.

B.M. 2222.93 Sta. 225+45 25' Rt. Nail In Base of 28" Tamarack.

B.M. 2206.55 Sta. 236+ 55' Rt. Nail in Root of 12" Balsm

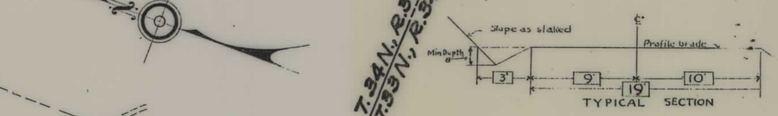
Plotted By A.Sawyer
Checked " "
Traced " A.C.Briney

Project No. 299. Roosevelt Highway.
State Line Leonia Section. 5.0 Mi.
Completed - 7/19/27.

299
N 2
State Line-Leonia
Montana 4

PROJECT NO. 299
0100 120
A. Sawyer, 1926
A.C. Briney, 4-1927

Construction Alignment + Profile
Scale: 400' = 1".



MATILDA ELSNER

ARTHUR O. SARGENT

CLARK C. ADAIR

FRANK WEISS

FRANCIS BAILEY

JOHN COATS

7.34N., R.34W.
7.33N., R.34.W.

MONTANA
IDAHO STATE LINE

BEGINNING of PROJECT
SECTION OF
STATE LINE-LEONIA
SECTION NO. 299.

32 Stone in Sand Stone Corner in Con.

1" Iron Pipe Conc. Base Elevation 2425.52

TO BONNERS FERRY

CUDLEY CR.

A=20° 11'
D=2° C. R.
T=509.9
L=1003.2

To Leonia Idaho

STEEL AXLE ELEVATION 2423.32

Curve

Tangent

Sta. 0+00 at Idaho Line

Sta. 120+00 at Montana Line

SLOPES
CLASSIFICATION
CLEARING
SURFACING
MAINTENANCE POSTS SET EVERY EVEN 10th STATION

Sandy Loam | Peat | Sand | Peat | Sandy Loam | Sand
Cultivated Field | Small Pine | Field | Pine, Fir and Tamarack | Pine, Fir, Tamarack and Spruce | Pine Fir and Cedar

STRUCTURES

150 18'x 39' Conc. Pipe
Sta. 1+25.5

160 18'x 35' Conc. Pipe
Sta. 6+60

B.M. 2425.52
Sta. 0+25 Top of Iron pin Set in Concrete 20' Rt.

CUDLEY CREEK
30 Concrete
Sand Bridge
Sta. 8+95

B.M. 2424.86
Sta. 13+40
50' Rt. Nail in 15" Stump

37 18'x 39' Conc. Pipe

B.M. 2421.87
Sta. 26+80
50' Rt. Nail in 36" Stump

150 18'x 27' Conc. Pipe

100 18'x 33' Conc. Pipe

B.M. 2434.38
Sta. 43+20
40' L.A. Nail in Log near 12" Pine

B.M. 2429.76
Sta. 58+50
40' L.A. Nail in Base of 20" Stump

40 18'x 42' Conc. Pipe

B.M. 2408.00
Sta. 66+00
10' L.A. Nail in Base of 14" Stump

B.M. 2425.12
Sta. 79+60
25' R.A. Nail in 11" Fork of 12" Fir.

100 18'x 27' Conc. Pipe

B.M. 2420.13
Sta. 92+60
40' L.A. Nail in 10" Fork of 8" Fir.

150 18'x 33' Conc. Pipe

B.M. 2422.00
Sta. 107+50
60' Nail in 12" Stump

182 24'x 39' Conc. Pipe

A=16°41'
D=9° C.R.
T=105.2
L=208.5

Sta. 0+00 2425.5
Sta. 10+00 2420.50
Sta. 20+00 2412.50
Sta. 30+00 2426.86
Sta. 40+00 2431.05
Sta. 50+00 2434.80
Sta. 60+00 2430.0
Sta. 70+00 2428.97
Sta. 80+00 2424.00
Sta. 90+00 2428.60
Sta. 100+00 2423.00
Sta. 110+00 2416.00
Sta. 120+00

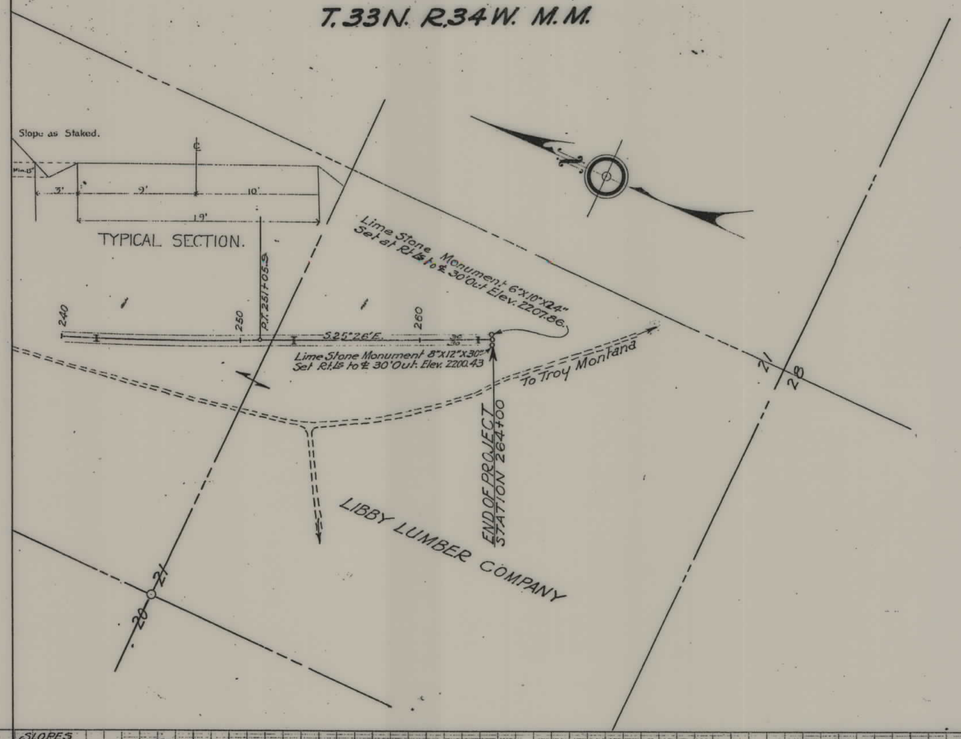
-1.42%
-1.79%
-10.14%
+1.51%
+0.36.8%
+0.502%
-0.94%
-0.10%
+0.374%
-1.24.6%
0.0%
-10.417%
-0.91%
-0.69%

Sta. 40+24.80
Sta. 60+20.50
Sta. 80+20.50
Sta. 100+20.50

Plotted by A. Sawyer 1926
Checked " "
Traced " A.C. Briney 1927

Project No. 299. Roosevelt Highway
State Line Leonia Section 10 Mi.
Completed: 7/1/27.

T.33N. R.34W. M.M.



SLOPES 3:1

CLASSIFICATION Clay Loose Sand

CLEARING Fir and Tamarack (12" to 30")

SURFACING

MAINTENANCE POSTS SET EVERY EVEN 10TH STATION.

STRUCTURES

100 Lin. Ft. 24" Conc. Pipe

100 Lin. Ft. 30" Conc. Pipe

420 Lin. Ft. 36" Conc. Pipe

B.M. 2193.30
Sta. 248+50
40 Wt. Nail
in Roof of
24" Cedar.

B.M. 2196.63
Sta. 263+90
60 Wt. Nail
in Roof of
14" Fir

END OF PROJECT

-1.273%

300' V.C.

+0.626%

PLOTTED BY A. SAWYER 1926
CHECKED " " "
TRACED " A.C. BRINEY 4-1927

PROJECT NO. 299.
ROOSVELT HIGHWAY.
STATE LINE LEONIA SECTION.
COMPLETED 7/19/27. LENGTH 5.0 M.

240 250 260 270

U. S. Department of Agriculture
Bureau of Public Roads
NATIONAL FOREST ROAD
STATE LINE - LEONIA SECTION
STATE MONTANA WHOLE 14

Project No. 299
SHEET No. 4
Total sheets 4

PROJECT NO. 299.
SHEET NO. STA 240. TO STA 264.
COMPUTED BY A. Sawyer
PLOTTED BY A.C. Briney
CHECKED

Construction Alignment + Profile.
Scale: 400'=1".

FILED - STATE LINE SEC. - A