

PLANS
NOT
TO
SCALE

BEAVERHEAD

NATIONAL

FOREST

U. S. DEPT. OF COMMERCE BUREAU OF PUBLIC ROADS					
STATE	FOREST	ROUTE NO.	SECTION	SHEET NO.	TOTAL SHEETS
Mont.	Beaverhead	20	B	1	18

THE ALIGNMENT AND GRADE AS HEREON SHOWN ARE SUBJECT TO ADJUSTMENT

$$\Delta = 43^{\circ} 50' \frac{1}{2}$$

$$T_s = 1072.91$$

$$\Delta_1 = 36^{\circ} 20' \frac{1}{2}$$

$$D = 2^{\circ} 30' \text{ C.L.}$$

$$R = 2271.83$$

$$L = 1453.67$$

BEGIN PROJ. FHP 20-B
STA. 409+67.00

Sec. 15
U.S. Govt.

$$S = 3^{\circ} 45'$$

$$L_s = 300'$$

P.S.C. 413+71.47
P.S.C. 413+81.71 (Staked)

"Set-back line for special treatment occupied and used only upon approval of the Regional Forester."

$$S = 3^{\circ} 45'$$

$$L_s = 300'$$

P.C.S. 418+25.14
P.C.S. 418+15.58 (Staked)

P.T. 431+11.58
P.T. 431+25.14 (Staked)

Line to be Constructed

Line as Staked

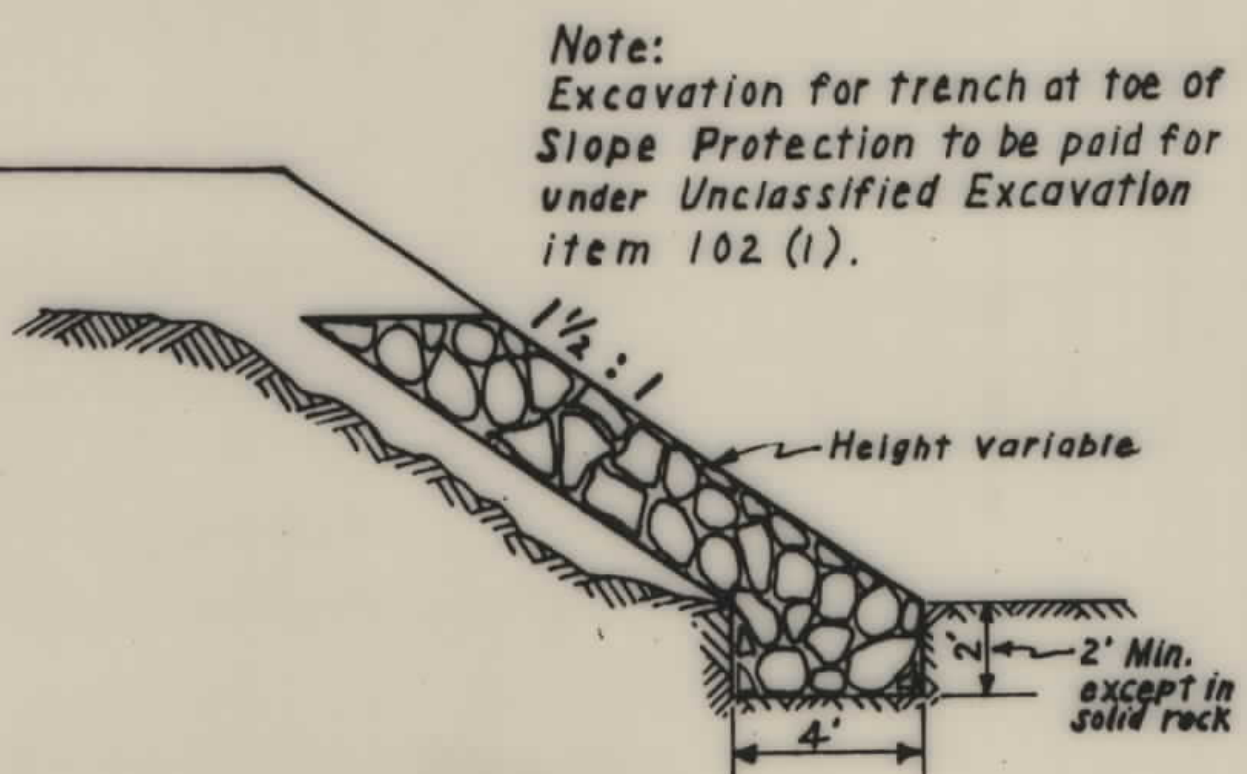
T2S R18W MPM

REVISIONS		
Description	By	Date

6380
6370
6360
6350
6340

6380
6370
6360
6350
6340

TYPICAL HALF SECTION
SHOWING SLOPE PROTECTION



Elev. 6358.98

Elev. 6357.92
400' V.C.

24" Culvert Pipe

Construction Grade

Note: Unsatisfactory material to be disposed of as directed by the Engineer.

Balance Point

STA. 409+67.00 - BEGIN PROJ. FHP 20-B

410

415

420

425

430

- Clearing and Grubbing (Acres)
- Excavation (Cu. Yd.)
- Embankment (Cu. Yd.)
- Overhaul (Sta. Yd.)
- Overhaul (Cu. Yd. Mi.)

0.46

2.38

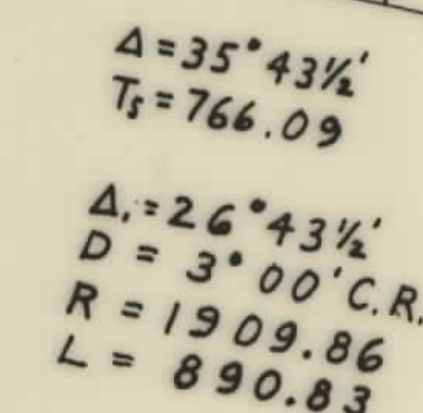
6942 (Includes 95 for Slope Protection)

11241 (Includes 2566 for topping)

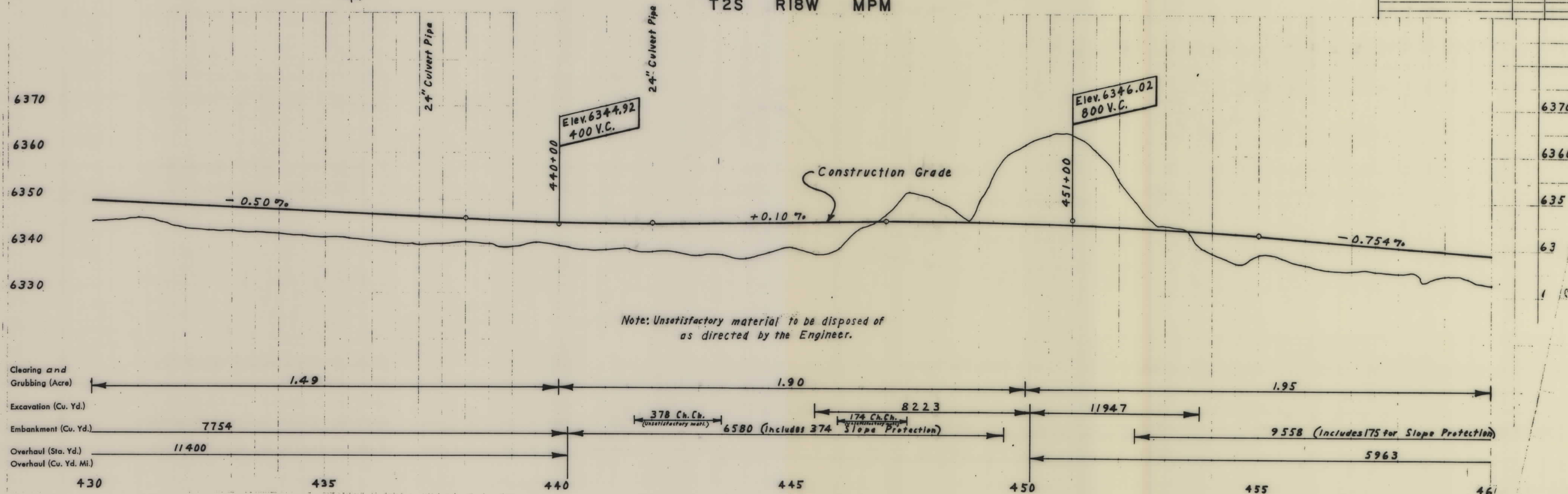
12557 (Includes 2264 for topping)

FOREST

THE ALIGNMENT AND GRADE
— AS HEREON SHOWN ARE
SUBJECT TO ADJUSTMENT



REVISIONS		
Description	By	Date



BEAVERHEAD

NATIONAL

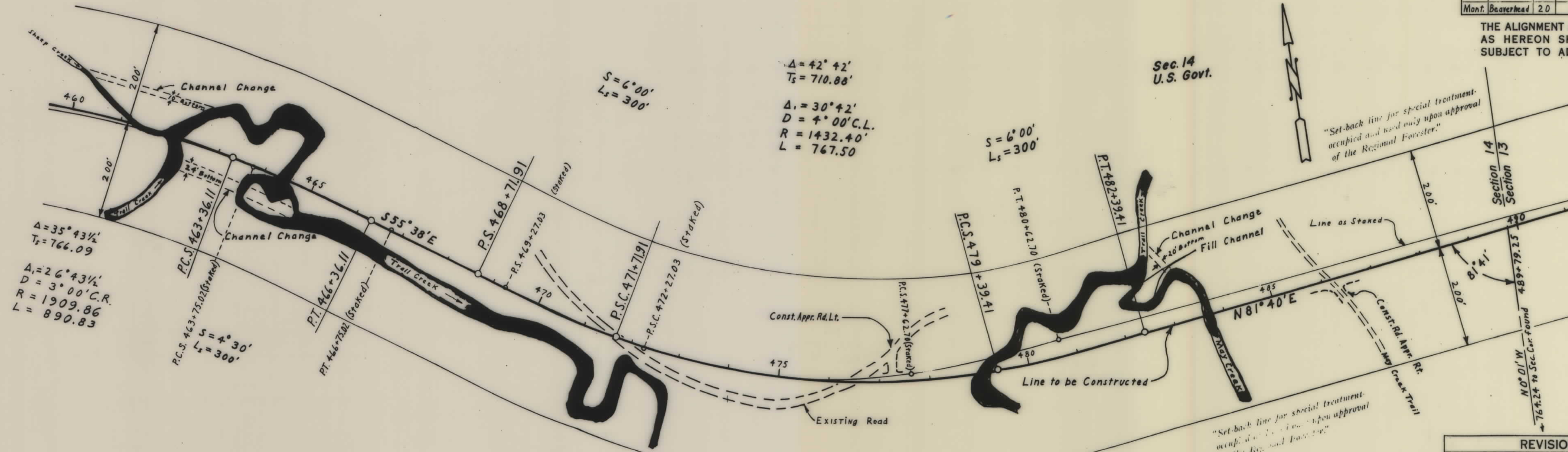
FOREST

U. S. DEPT. OF COMMERCE BUREAU OF PUBLIC ROADS				
STATE	ROUTE NO.	SECTION	SHEET NO.	TOTAL SHEETS
Mont.	Beaverhead	20	8	3 18

THE ALIGNMENT AND GRADE AS HEREON SHOWN ARE SUBJECT TO ADJUSTMENT

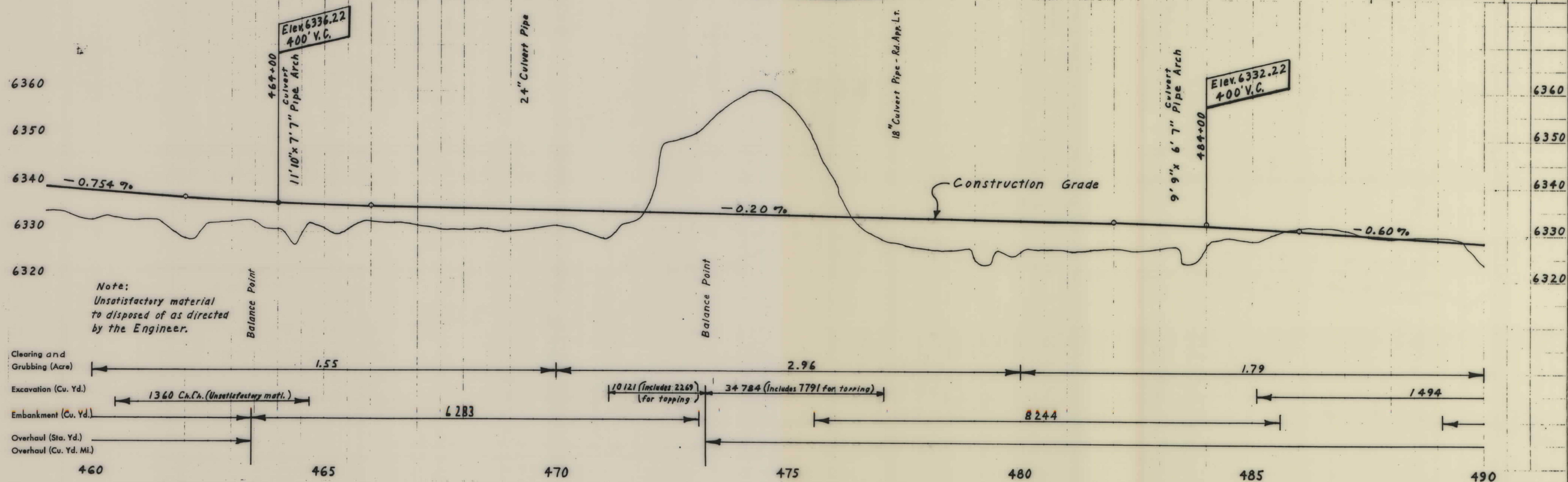
Sec. 14
U.S. Govt.

"Set-back line for special treatment occupied and used only upon approval of the Regional Forester."



T2S R18W MPM

REVISIONS		
Description	By	Date



BEAVERHEAD

NATIONAL

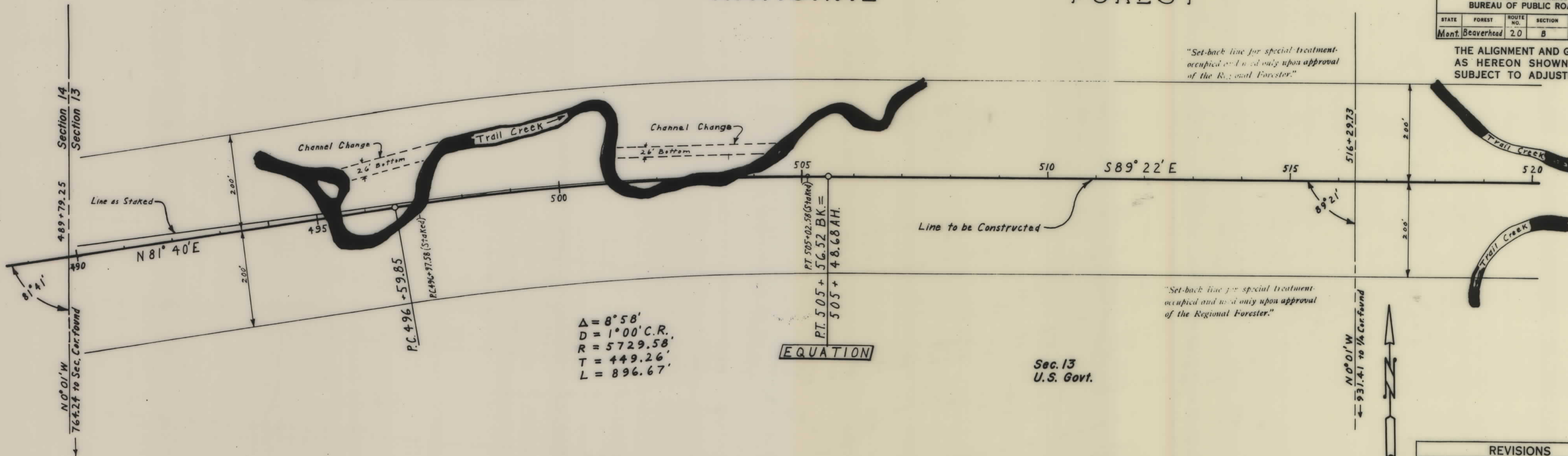
FOREST

U. S. DEPT. OF COMMERCE BUREAU OF PUBLIC ROADS					
STATE	FOREST	ROUTE NO.	SECTION	SHEET NO.	TOTAL SHEETS
Mont.	Beaverhead	2.0	8	4	18

THE ALIGNMENT AND GRADE AS HEREON SHOWN ARE SUBJECT TO ADJUSTMENT

"Set-back line for special treatment occupied and used only upon approval of the Regional Forester."

"Set-back line for special treatment occupied and used only upon approval of the Regional Forester."



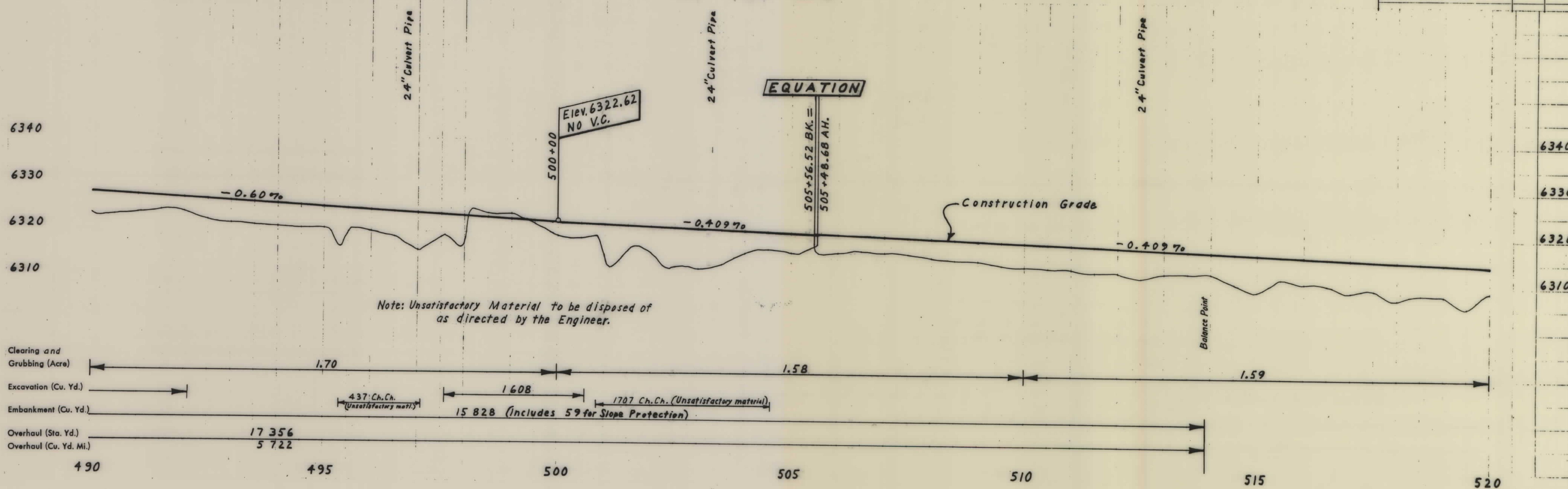
$\Delta = 8^{\circ}58'$
 $D = 1^{\circ}00' \text{ C.R.}$
 $R = 5729.58'$
 $T = 449.26'$
 $L = 896.67'$

EQUATION

Sec. 13
U.S. Govt.

REVISIONS		
Description	By	Date

T2S R18W MPM



BEAVERHEAD

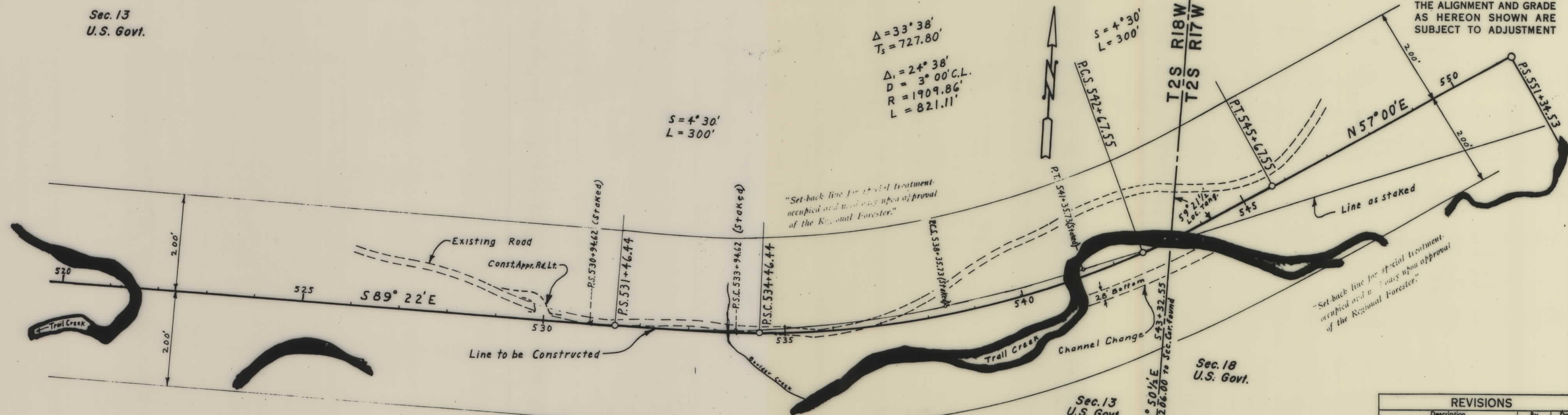
NATIONAL

FOREST

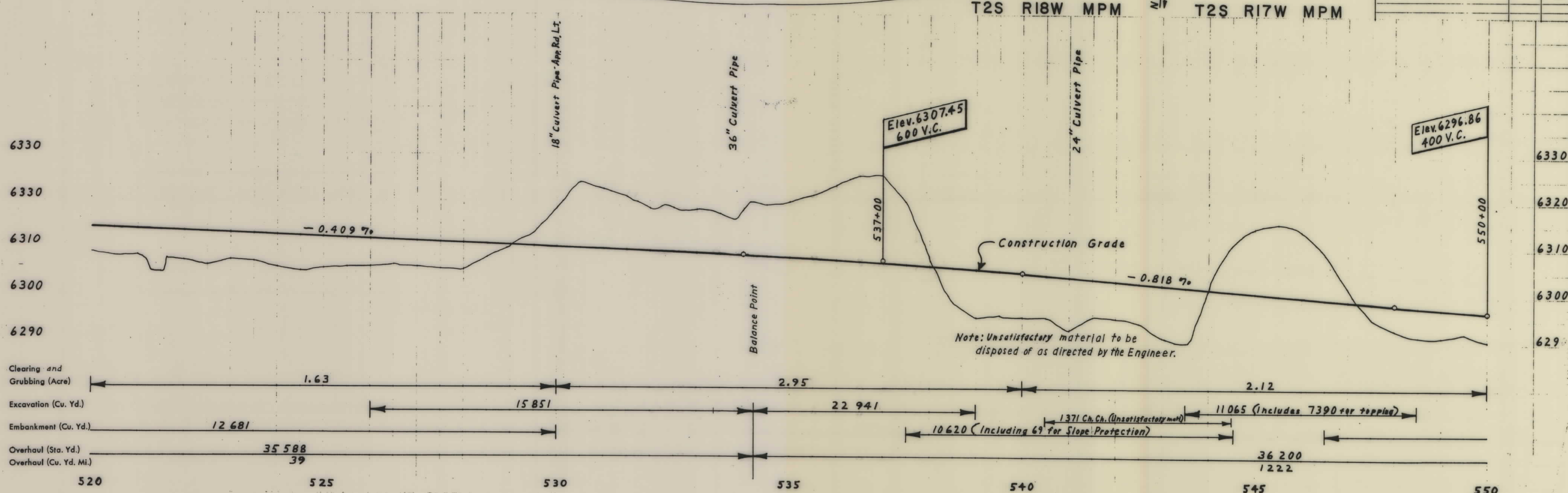
Sec. 13
U.S. Govt.

U. S. DEPT. OF COMMERCE BUREAU OF PUBLIC ROADS					
STATE	FOREST	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
Mont.	Beaverhead	20	B	5	18

THE ALIGNMENT AND GRADE AS HEREON SHOWN ARE SUBJECT TO ADJUSTMENT



REVISIONS		
Description	By	Date

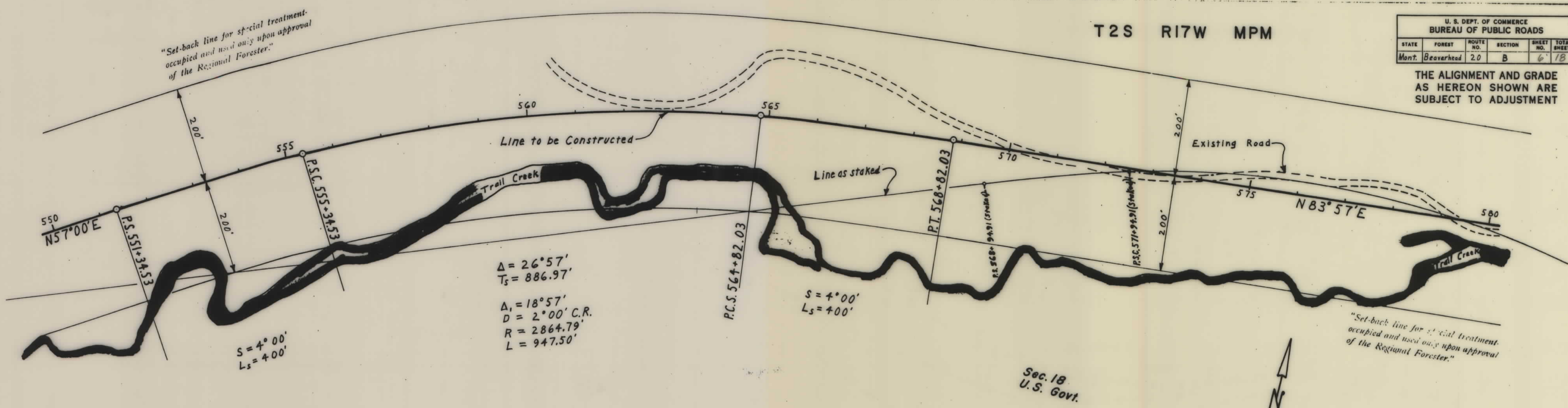


PLAN
L.C. MAUD
L.C. MAUD
1958
1959
TRACED BY
CAL LARSON
5-59

T2S R17W MPM

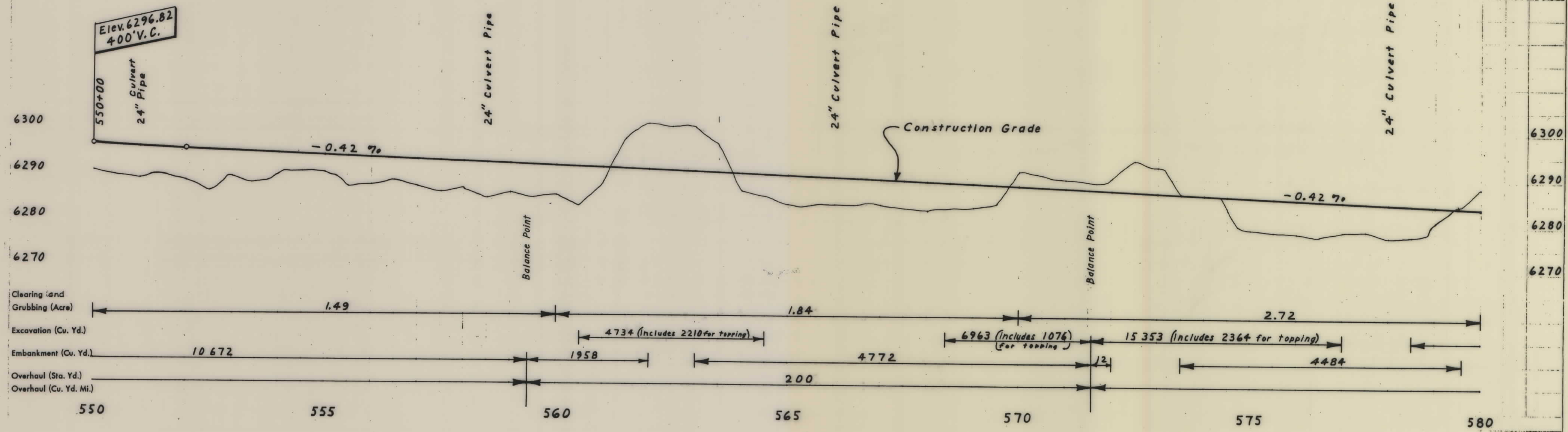
U. S. DEPT. OF COMMERCE BUREAU OF PUBLIC ROADS				
STATE	ROUTE NO.	SECTION	SHEET NO.	TOTAL SHEETS
Mont.	Beaverhead 2.0	B	6	18

THE ALIGNMENT AND GRADE
AS HEREON SHOWN ARE
SUBJECT TO ADJUSTMENT

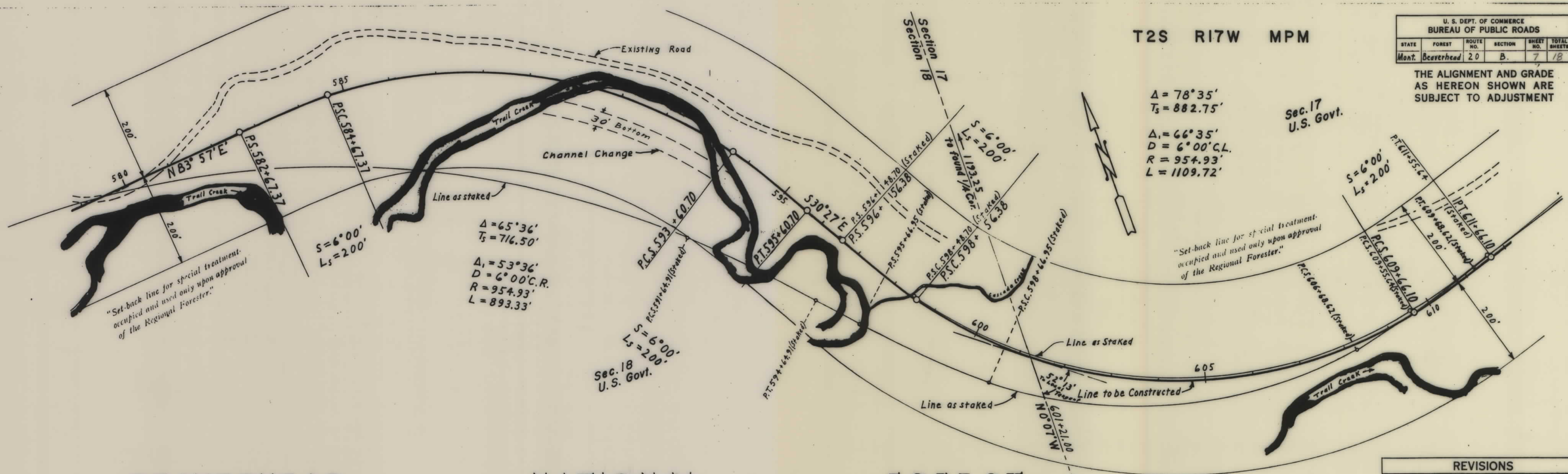


BEAVERHEAD NATIONAL FOREST

REVISIONS		
Description	By	Date



DATE: 11-2-59
BY: L. C. Mead
CHECKED BY: C. L. Carson
5-59

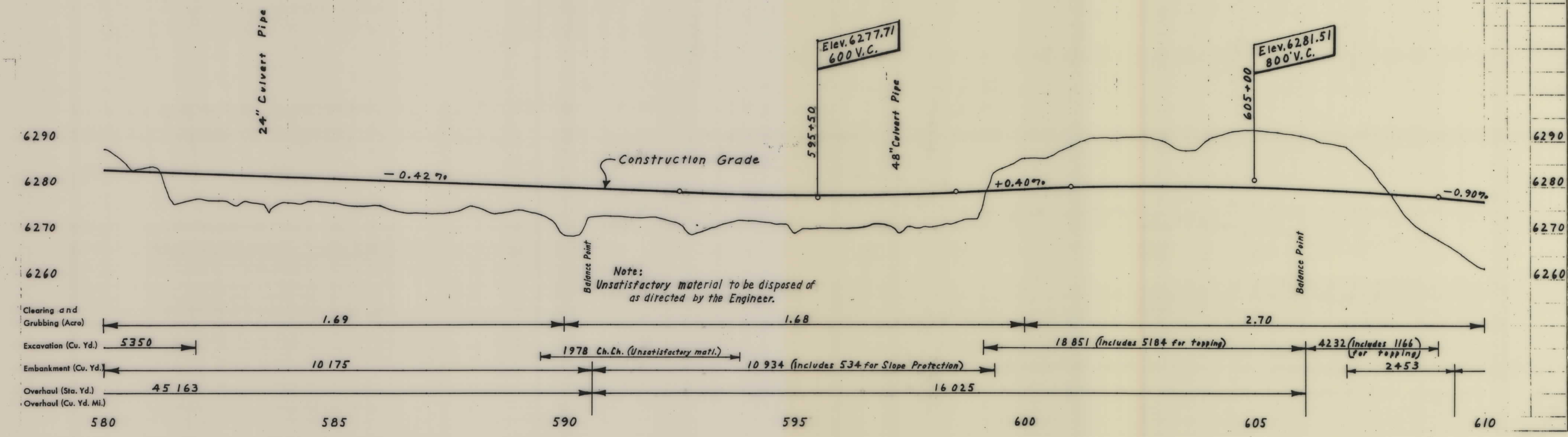


BEAVERHEAD NATIONAL FOREST

U. S. DEPT. OF COMMERCE BUREAU OF PUBLIC ROADS				
STATE	FOREST	ROUTE NO.	SECTION	SHEET NO. TOTAL SHEETS
Mont.	Beaverhead	20	B.	7 18

THE ALIGNMENT AND GRADE AS HEREON SHOWN ARE SUBJECT TO ADJUSTMENT

REVISIONS		
Description	By	Date



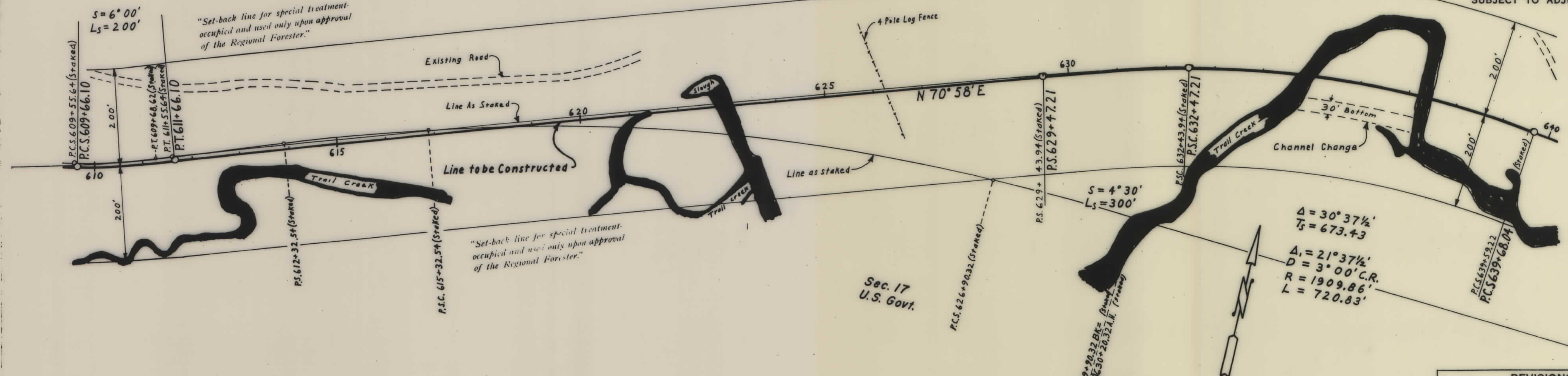
BEAVERHEAD

NATIONAL

FOREST

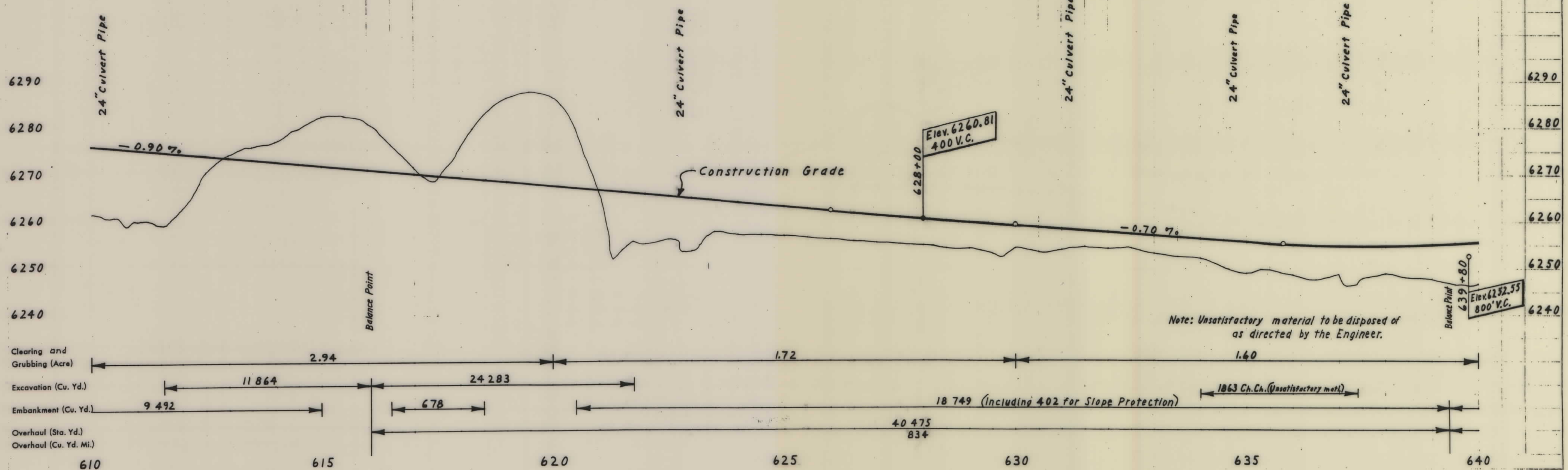
U. S. DEPT. OF COMMERCE BUREAU OF PUBLIC ROADS				
STATE	FOREST	ROUTE NO.	SECTION	SHEET NO. TOTAL SHEETS
Mont.	Beaverhead	20	B	8 18

THE ALIGNMENT AND GRADE AS HEREON SHOWN ARE SUBJECT TO ADJUSTMENT



T2S R17W MPM

REVISIONS		
Description	By	Date



Note: Unsatisfactory material to be disposed of as directed by the Engineer.

Clearing and Grubbing (Acres)	2.94	1.72	1.40
Excavation (Cu. Yd.)	11 864	24 283	18 749 (including 402 for Slope Protection)
Embankment (Cu. Yd.)	9 492	678	18 63 Ch. Ch. (Unsatisfactory mat.)
Overhaul (Sta. Yd.)	40 475	834	
Overhaul (Cu. Yd. Mi.)			

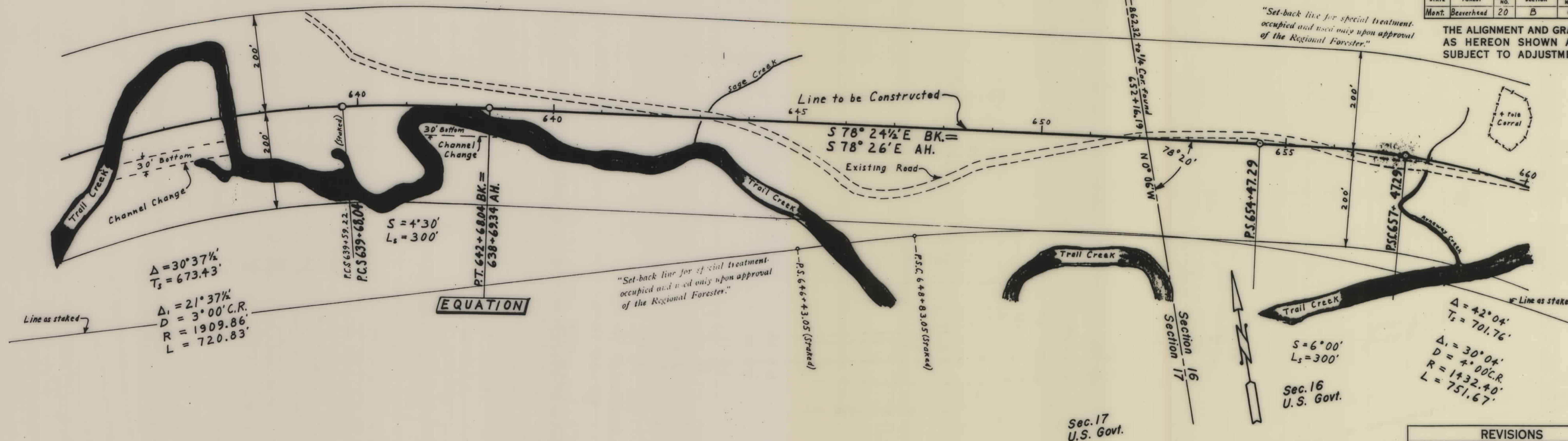
BEAVERHEAD

NATIONAL

FOREST

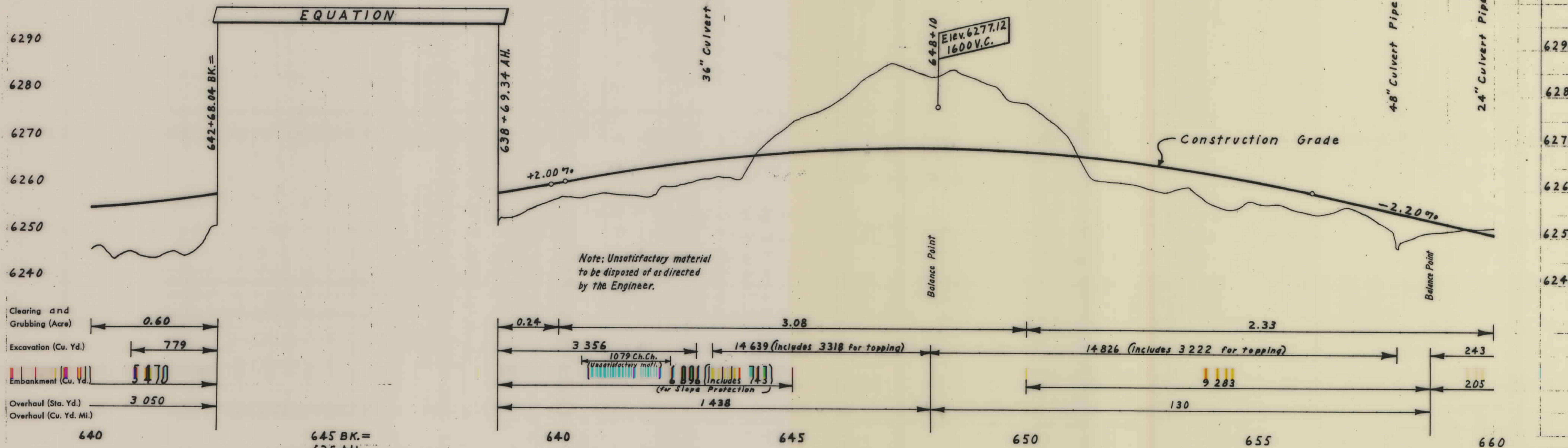
U. S. DEPT. OF COMMERCE BUREAU OF PUBLIC ROADS				
STATE	FOREST	ROUTE	SECTION	TOTAL SHEETS
Mont.	Beaverhead	20	B	9 18

THE ALIGNMENT AND GRADE AS HEREON SHOWN ARE SUBJECT TO ADJUSTMENT



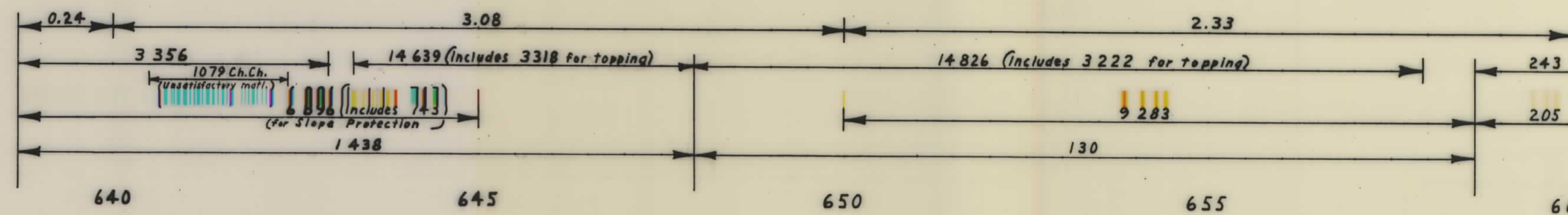
T2S R17W MPM

REVISIONS		
Description	By	Date



Note: Unsatisfactory material to be disposed of as directed by the Engineer.

Clearing and Grubbing (Acres)	0.60
Excavation (Cu. Yd.)	779
Embankment (Cu. Yd.)	5470
Overhaul (Sta. Yd.)	3050
Overhaul (Cu. Yd. Mi.)	



645 BK. = 635 AH.

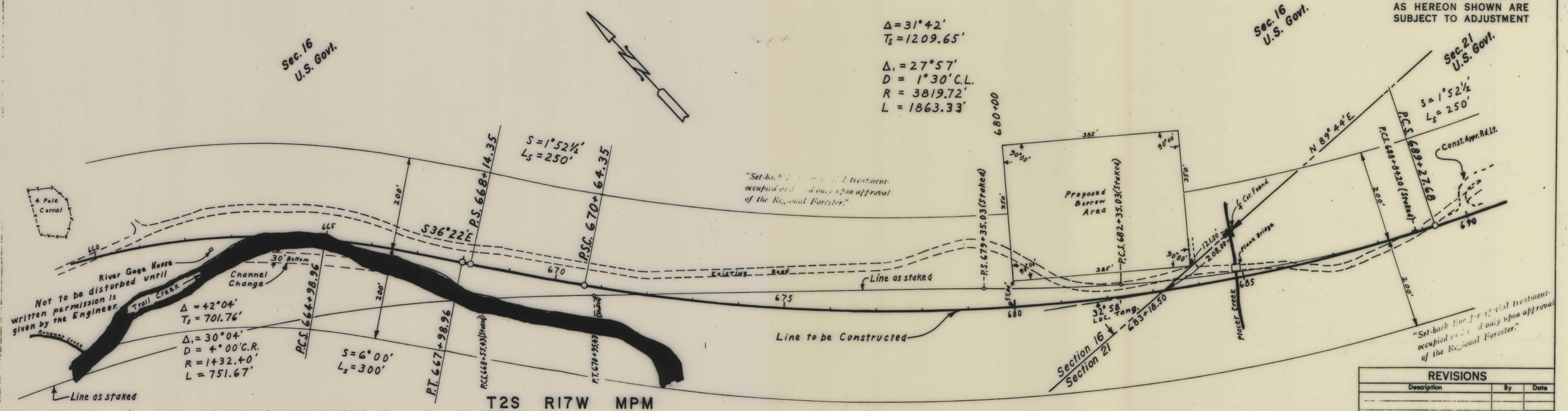
BEAVERHEAD

NATIONAL

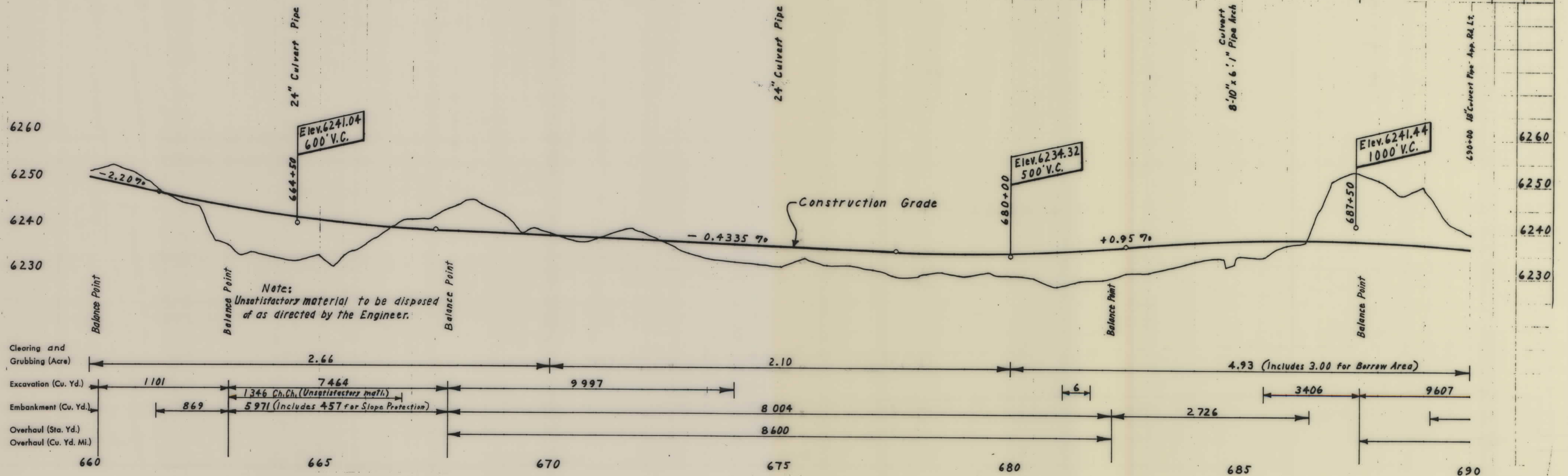
FOREST

U. S. DEPT. OF COMMERCE BUREAU OF PUBLIC ROADS				
STATE	FOREST	ROUTE NO.	SECTION	SHEET NO. TOTAL SHEETS
Mont.	Beaverhead	2.0	B	10 18

THE ALIGNMENT AND GRADE AS HEREON SHOWN ARE SUBJECT TO ADJUSTMENT



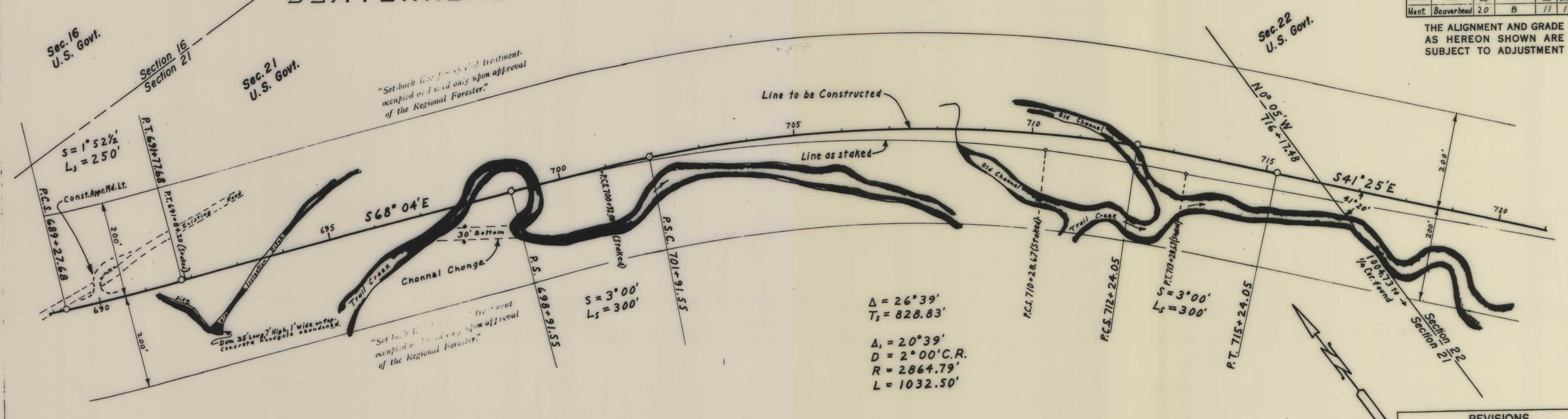
REVISIONS		
Description	By	Date



BEAVERHEAD NATIONAL FOREST

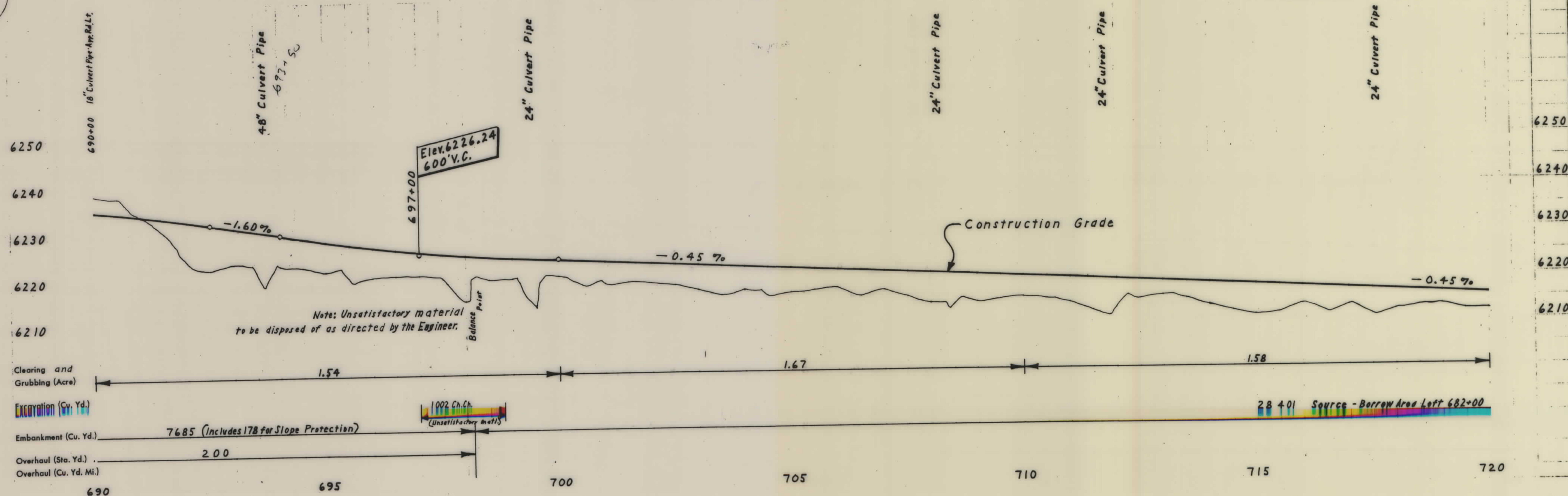
U. S. DEPT. OF COMMERCE BUREAU OF PUBLIC ROADS				
STATE	FOREST	ROUTE NO.	SECTION	TOTAL SHEETS
Mont.	Beaverhead	20	B	11 18

THE ALIGNMENT AND GRADE AS HEREON SHOWN ARE SUBJECT TO ADJUSTMENT



T2S R17W MPM

REVISIONS		
Description	By	Date



BEAVERHEAD

NATIONAL

FOREST

U. S. DEPT. OF COMMERCE BUREAU OF PUBLIC ROADS					
STATE	FOREST	ROUTE NO.	SECTION	SHEET NO.	TOTAL SHEETS
Mont.	Beaverhead	20	B	12	18

THE ALIGNMENT AND GRADE
AS HEREON SHOWN ARE
SUBJECT TO ADJUSTMENT

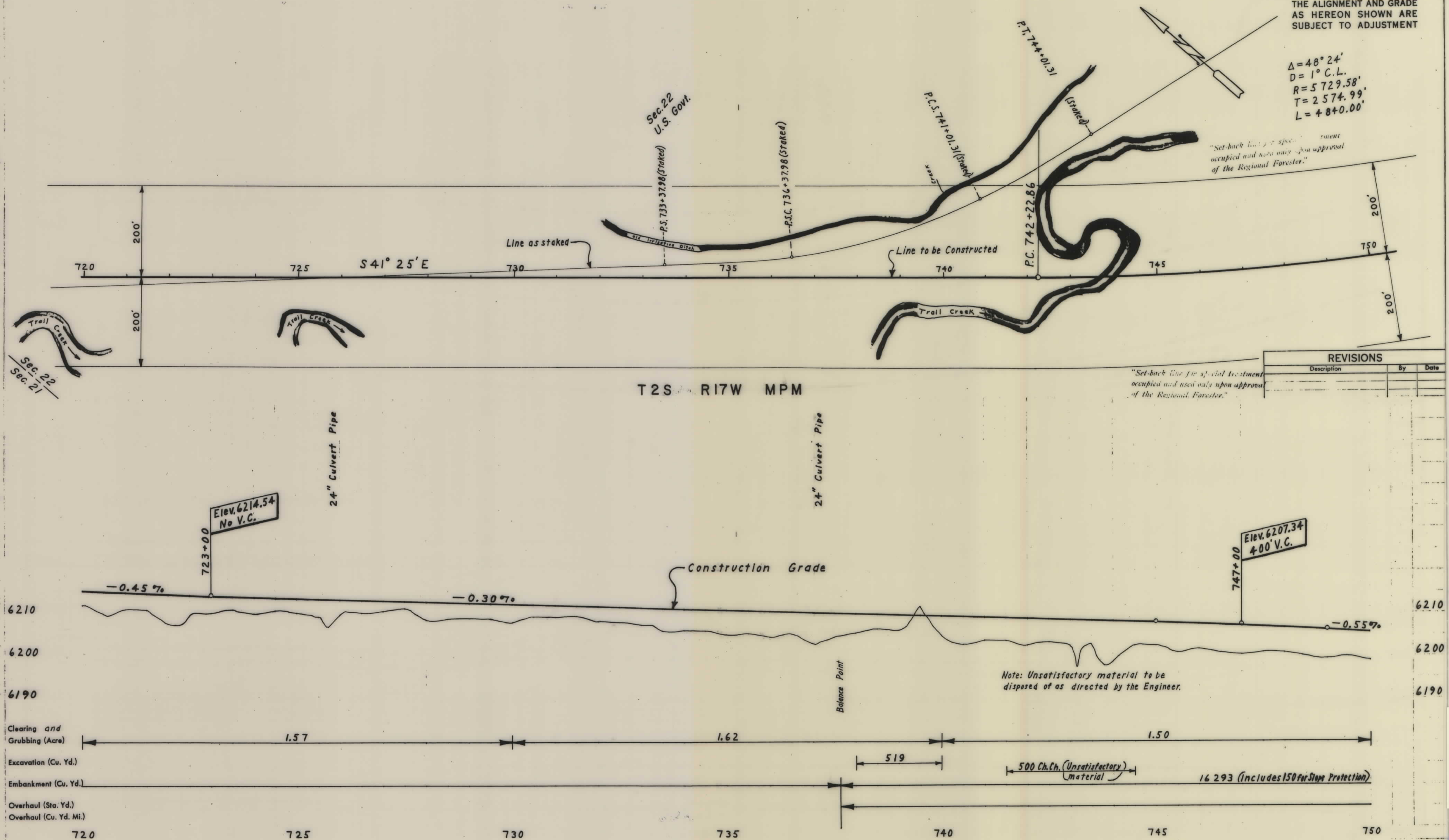
$$\begin{aligned}\Delta &= 48^{\circ} 24' \\ D &= 1^{\circ} \text{ C.L.} \\ R &= 5729.58' \\ T &= 2574.99' \\ L &= 48+0.00'\end{aligned}$$

"Set-back line for special treatment
occupied and used only upon approval
of the Regional Forester."

REVISIONS		
Description	By	Date

"Set-back line for special treatment
occupied and used only upon approval
of the Regional Forester."

T2S R17W MPM





BEAVERHEAD

NATIONAL

FOREST

U. S. DEPT. OF COMMERCE BUREAU OF PUBLIC ROADS					
STATE	FOREST	ROUTE NO.	SECTION	SHEET NO.	TOTAL SHEETS
Mont.	Beaverhead	20	B	13	18

THE ALIGNMENT AND GRADE
AS HEREON SHOWN ARE
SUBJECT TO ADJUSTMENT

Sec. 22
U.S. Govt.

$\Delta = 48^{\circ} 24'$
 $D = 1^{\circ} 00' \text{ C.L.}$
 $R = 5729.58'$
 $T = 2574.99'$
 $L = 4840.00'$

"Set-back line for special treatment
occupied and used only upon approval
of the Regional Forester."

Sec. 27
U.S. Govt.

"Set-back line for special treatment
occupied and used only upon approval
of the Regional Forester."

REVISIONS		
Description	By	Date

T2S R17W MPM

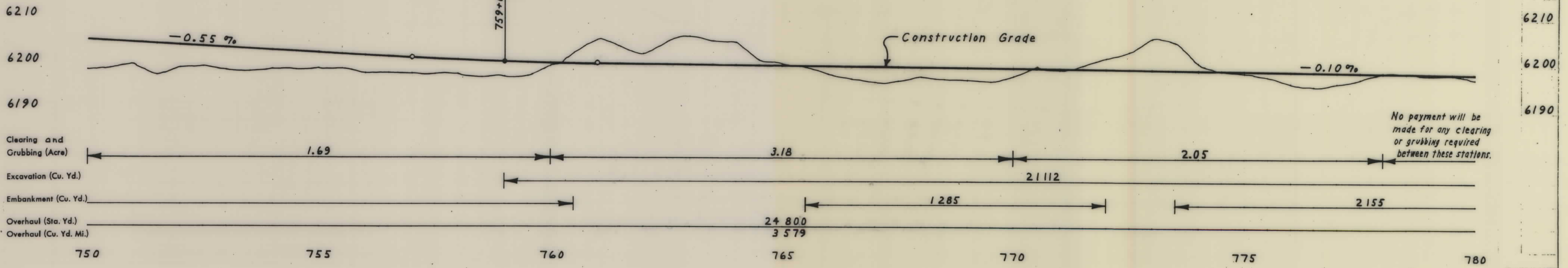
24" Culvert Pipe

24" Culvert Pipe

24" Culvert Pipe

24" Culvert Pipe

Elev. 6200.74
400' V.C.



No payment will be
made for any clearing
or grubbing required
between these stations.

Clearing and Grubbing (Acre)	1.69	3.18	2.05
Excavation (Cu. Yd.)		21112	
Embankment (Cu. Yd.)		1285	2155
Overhaul (Sta. Yd.)	24800		
Overhaul (Cu. Yd. Mi.)	3579		

L.C. Mead
L.C. Mead
1932
1933
CAL. LEVIN
5-33
TRACES BY

Sec. 22
U.S. Gov't.

Sec. 27
U.S. Gov't.

SW 1/4 Sec. 23
Hirschy Ranches, Inc.
Jackson, Montana

Sec. 26
Hirschy Ranches, Inc.
Jackson, Montana

U. S. DEPT. OF COMMERCE BUREAU OF PUBLIC ROADS				
STATE	FOREST	ROUTE NO.	SECTION	TOTAL SHEETS
Mont.	Beaverhead	20	B	14 18

THE ALIGNMENT AND GRADE
AS HEREON SHOWN ARE
SUBJECT TO ADJUSTMENT

$\Delta = 48^\circ 24'$
 $D = 1^\circ \text{C.L.}$
 $R = 5729.58'$
 $T = 2574.99'$
 $L = 4840.00'$

"Set-back line for special treatment
occupied and used only upon approval
of the Regional Forester."

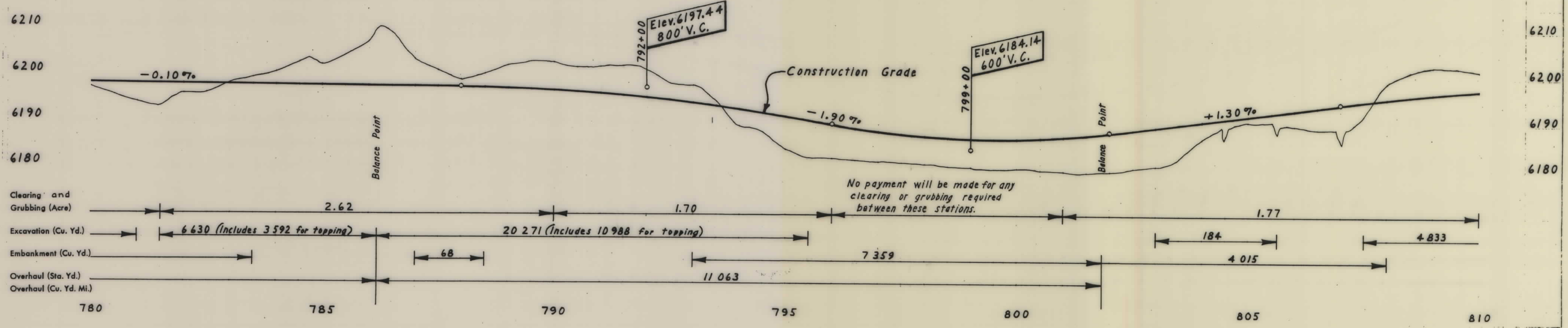
"Set-back line for special treatment
occupied and used only upon approval
of the Regional Forester."

BEAVERHEAD NATIONAL FOREST
BOUNDARY
N 0° 04' W

1/4 Cor. not found
(projected)

T2S R17W MPM

REVISIONS		
Description	By	Date

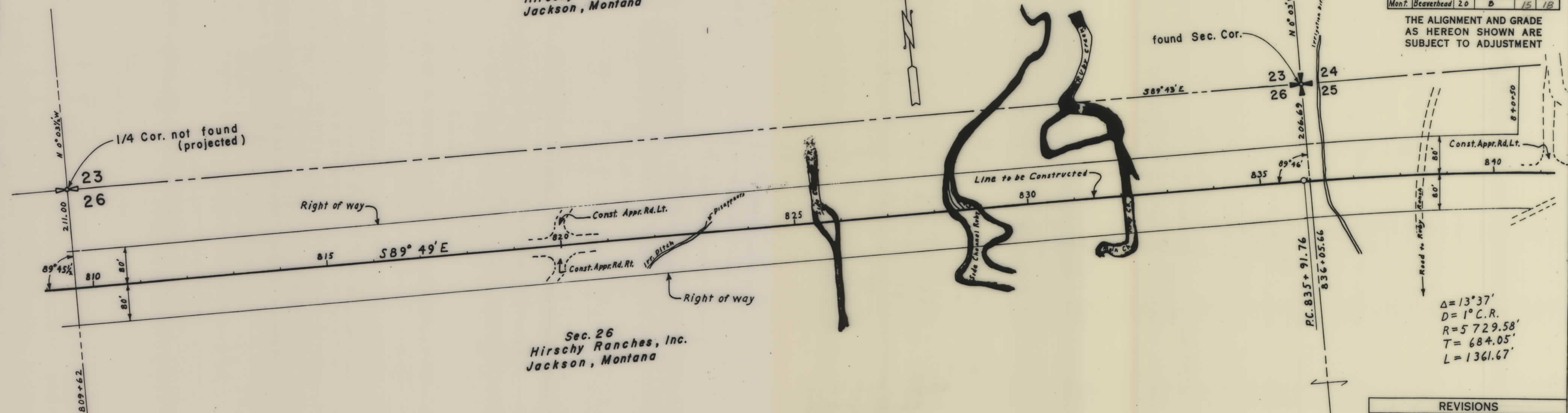


4. C. Mead
 L. C. Mead
 1922
 1923
 5-7

S1/2 SE1/4 Sec.23
 Hirschy Ranches, Inc.
 Jackson, Montana

U. S. DEPT. OF COMMERCE BUREAU OF PUBLIC ROADS					
STATE	FOREST	ROUTE NO.	SECTION	SHEET NO.	TOTAL SHEETS
Mont.	Beaverhead	20	D	15	18

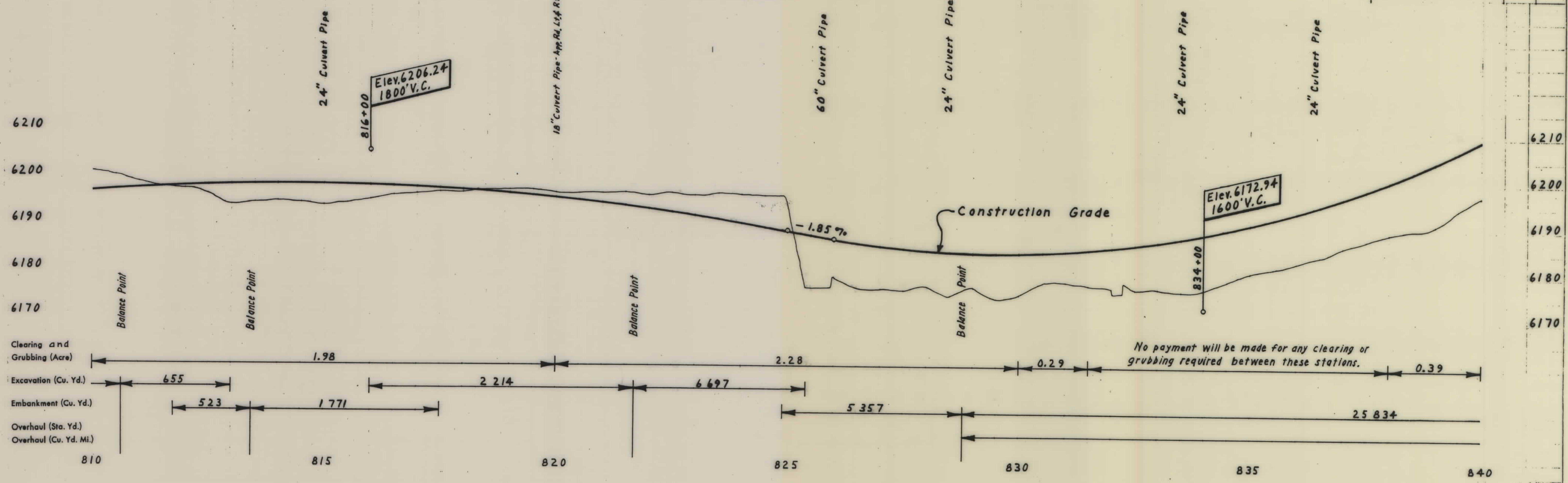
THE ALIGNMENT AND GRADE AS HEREON SHOWN ARE SUBJECT TO ADJUSTMENT



Sec. 26
 Hirschy Ranches, Inc.
 Jackson, Montana

T2S R17W MPM

REVISIONS		
Description	By	Date



1929
L. C. MEAD
L. C. MEAD
1929
5-59
CAL. LENSEN
TRACED BY

N 1/2 NE 1/4 Sec. 25
Clemow Brothers
Jackson, Montana

N 1/2 NW 1/4 Sec. 30
Clemow Brothers
Jackson, Montana

S 1/2 NW 1/4 Sec. 30
Hirsch Ranches, Inc.
Jackson, Montana

S 1/2 NE 1/4 Sec. 25
Hirsch Ranches, Inc.
Jackson, Montana

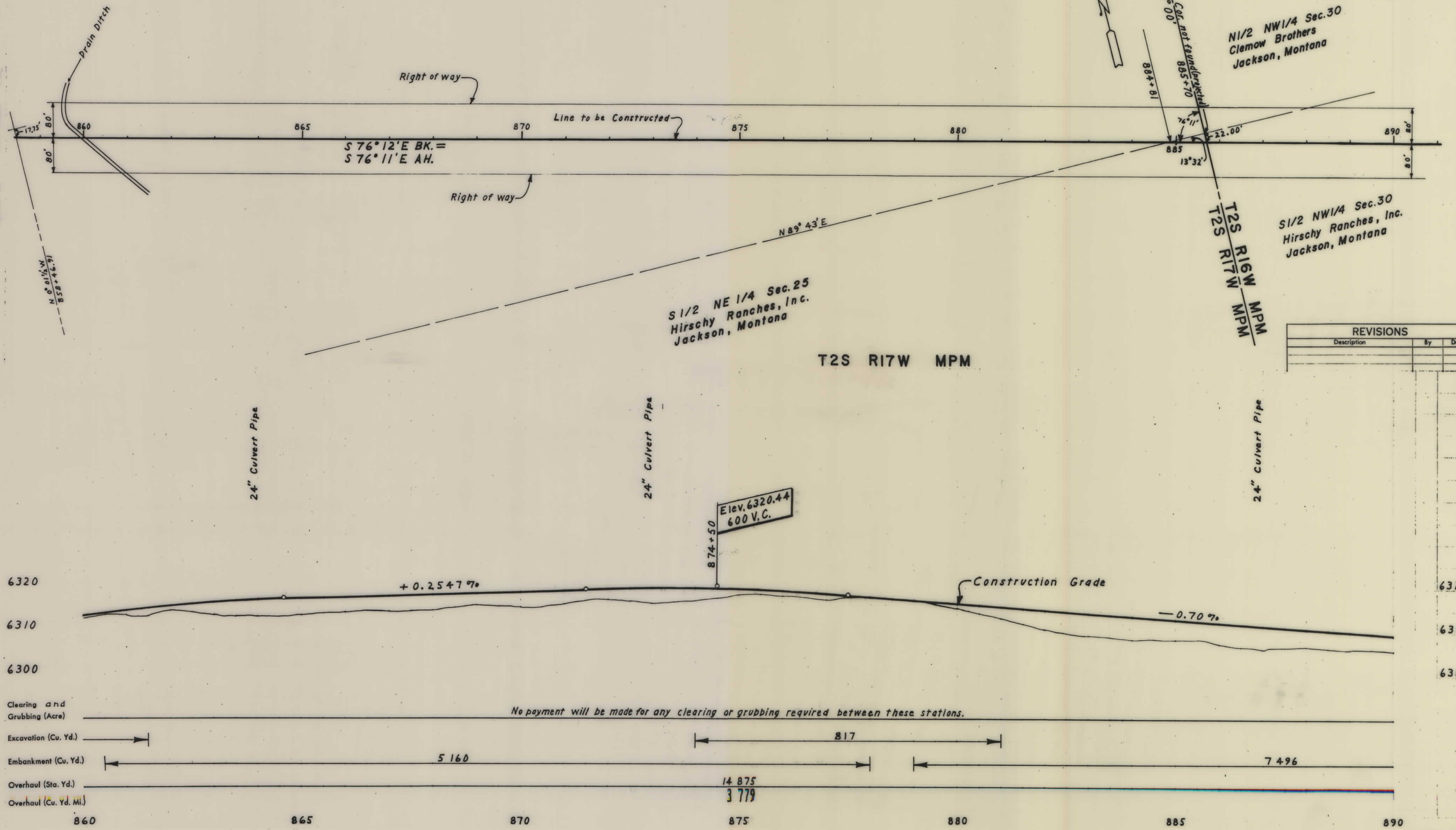
T2S R17W MPM

T2S R16W MPM
T2S R17W MPM

U. S. DEPT. OF COMMERCE BUREAU OF PUBLIC ROADS				
STATE	ROUTE NO.	SECTION	SHEET NO.	TOTAL SHEETS
Mont.	Beaverhead	20	B	17 18

THE ALIGNMENT AND GRADE
AS HEREON SHOWN ARE
SUBJECT TO ADJUSTMENT

REVISIONS		
Description	By	Date

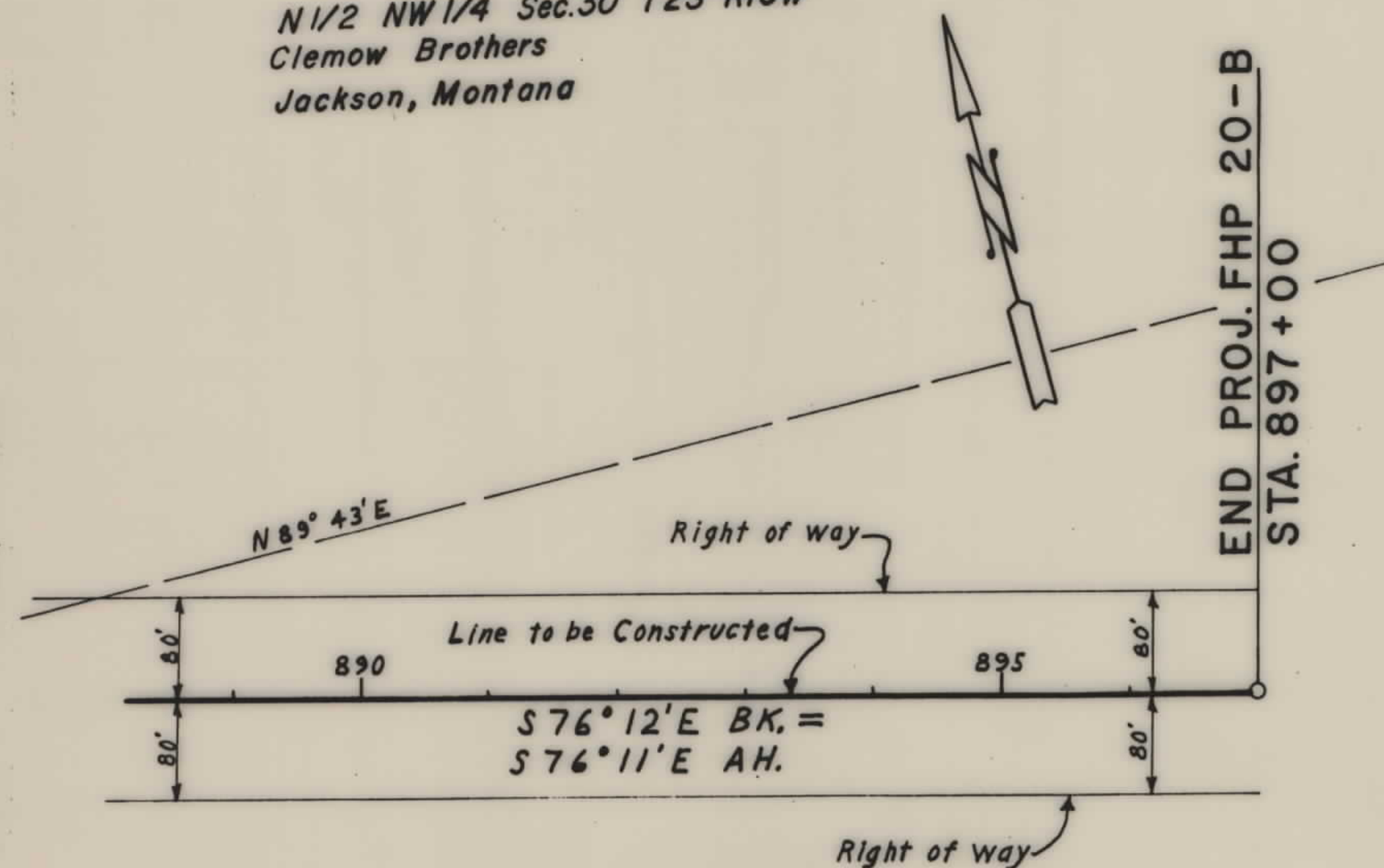


No payment will be made for any clearing or grubbing required between these stations.

N 1/2 NW 1/4 Sec. 30 T2S R16W
Clemow Brothers
Jackson, Montana

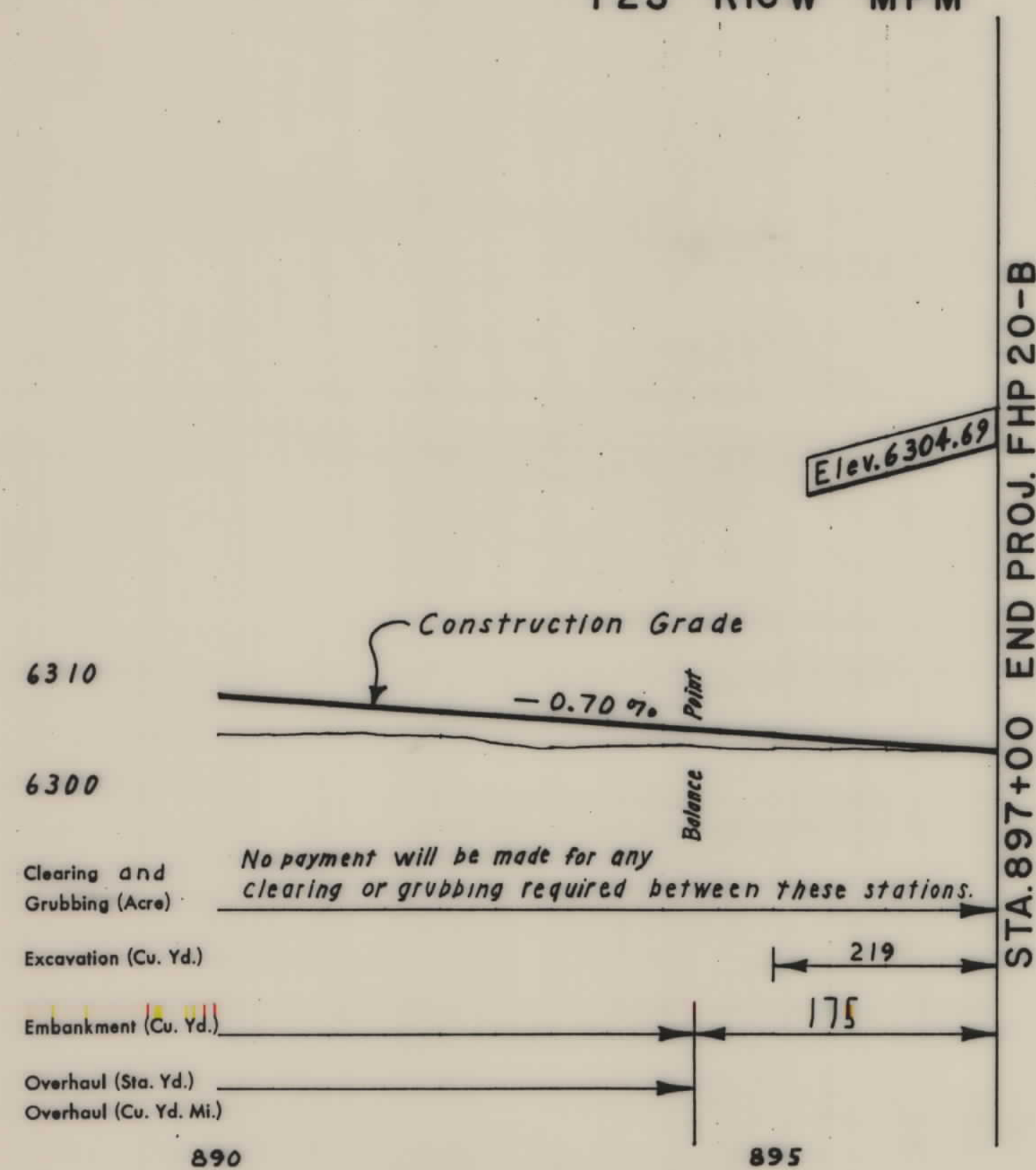
U. S. DEPT. OF COMMERCE BUREAU OF PUBLIC ROADS					
STATE	FOREST	ROUTE NO.	SECTION	SHEET NO.	TOTAL SHEETS
Mont.	Beaverhead	20	B	18	18

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SUBJECT TO ADJUSTMENT



S 1/2 NW 1/4 Sec. 30
Hirsch Ranches, Inc.
Jackson, Montana

T2S R16W MPM



TYPICAL HALF SECTION

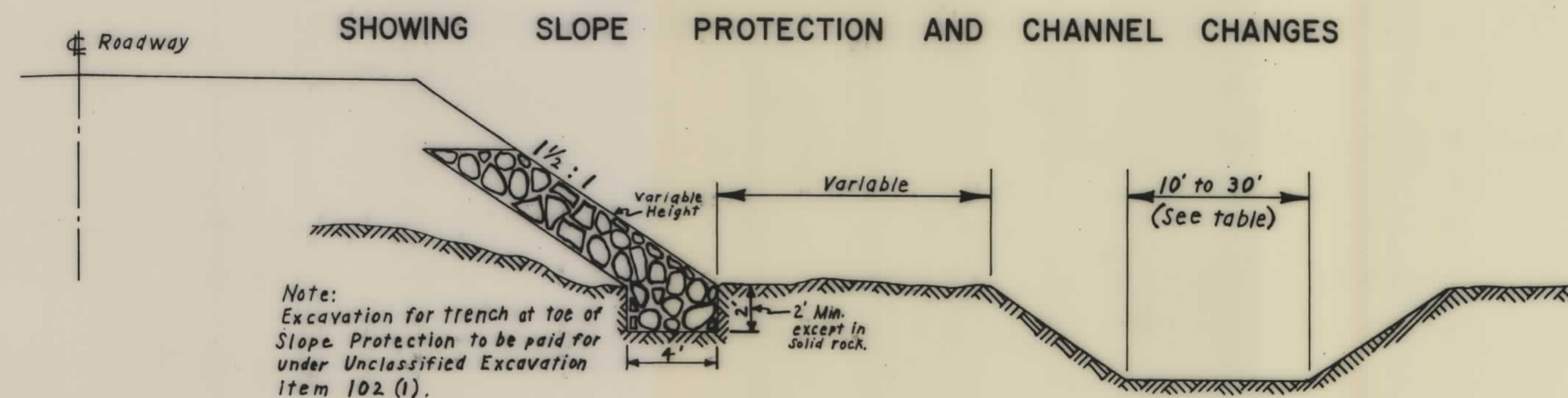


TABLE OF CHANNEL CHANGES

STA. TO STA.	SIDE	MIN. WIDTH	STA. TO STA.	SIDE	MIN. WIDTH	STA. TO STA.	SIDE	MIN. WIDTH
420+25 420+98	Right	24'	495+34 497+06	Left	26'	663+00 666+79	Right	30'
441+62 443+46	"	24'	500+83 504+58	"	26'	697+00 698+82	"	30'
445+97 447+47	"	24'	540+48 544+52	Right	28'	841+80 844+50	Left	10'
460+50 462+80	Left	10'	589+50 593+81	"	30'	844+50 845+07	Right	10'
462+00 464+69	Right	24'	634+00 637+40	"	30'			
Left of 483	Left	20'	640+79 640+00	"	30'			

REVISIONS		
Description	By	Date