

FED. ROAD DIST. NO.	STATE	F.A.P. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	181-F	1	

COLORADO

STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED

FEDERAL AID PROJECT NO. 181-F

STATE HIGHWAY NO. 2

CLEAR CREEK COUNTY

- CONVENTIONAL SIGNS
- CENTER LINE OF SURVEY

RIGHT OF WAY LINES

COUNTY LINES

TOWNSHIP LINES

SECTION LINES

ONE QUARTER SECTION LINES

BARBED WIRE FENCE

WIRE CABLE GUARD FENCE

POLE LINES

- INDEX OF SHEETS
- SHEET NO. 1-TITLE SHEET

" " 2-TYPICAL SECTION & SUMMARY

" " 3-LIST OF STRUCTURES

" 4-5&6-BRIDGE DETAILS - STA. 372+

" NO. 7-MINE TRESTLE - STA. 328+

" " 8-REMODELING SUSPENSION BR., STA. 427+

" " 9-CONC. BOX CULV. FOR MINES, STAS. 428 & 450+

" " 10- " " " " MINE, STA. 437+ & 425+

" " 11-DETAILS FOR TIMBER TRESTLES, STAS. 340+ & 367+

" " 12- " " " " TRESTLE, STA. 389+

" " 13-STAND. CONC. BOX CULVERTS

" " 14- " " " "

" " 15- " " " " HEADWALLS

" " 16- " " " " WIRE CABLE GUARD FENCE

" " 16a- " " " " TIMBER GUARD POSTS

" " 17- " " " " MARKER POSTS

" " 18- " " " " STRUCT. NUMBER LETTERING

" " 19- " " " " SUPERELEVATION & WIDENING

" " 20-TYPICAL APPRCH ROADS & TRAFFIC SIGNS

" 21- 26- PLAN & PROFILE SHEETS

" 27-176- CROSS SECTION
- M-103-D

M-104-D

M-102-E

M-20-A

M-19-A

M-24-FX

M-10-A

M-1-A

M-2-B

SCALES OF ORIGINAL TRACINGS

ON PLAN, 1 IN. = 100 FT.

ON PROFILE 1 IN. = 100 FT. HORIZONTAL

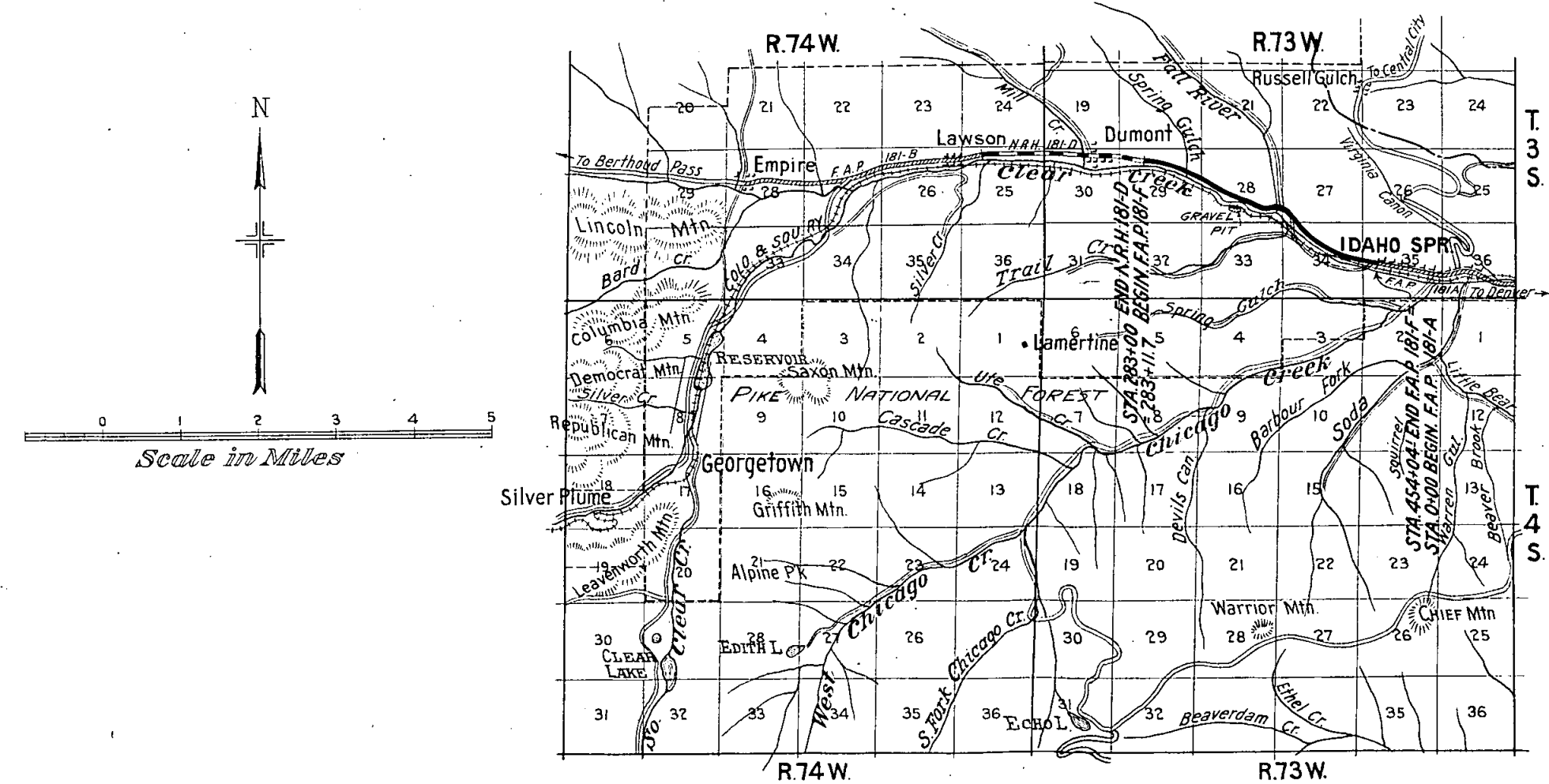
1 IN. = 10 FT. VERTICAL

GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD

GROSS LENGTH OF PROJECT

NET LENGTH OF PROJECT

17,157.3 FT. = 3.249 MI.



Note-

It is recommended that bidders on this Project go over the plan details with one of the following field representatives of this Department.

D.W. Ormsbee, Construction Engineer, Denver, Colo.

E.E. Montgomery, Division Engineer, Denver, Colo.

A.D. Ferguson, Resident Engineer, Idaho Springs, Colo.

RECOMMENDED FOR APPROVAL 4/20/3

Assistant Engineer

APPROVED

Chas. D. Vail

STATE HIGHWAY ENGINEER

RECOMMENDED FOR APPROVAL

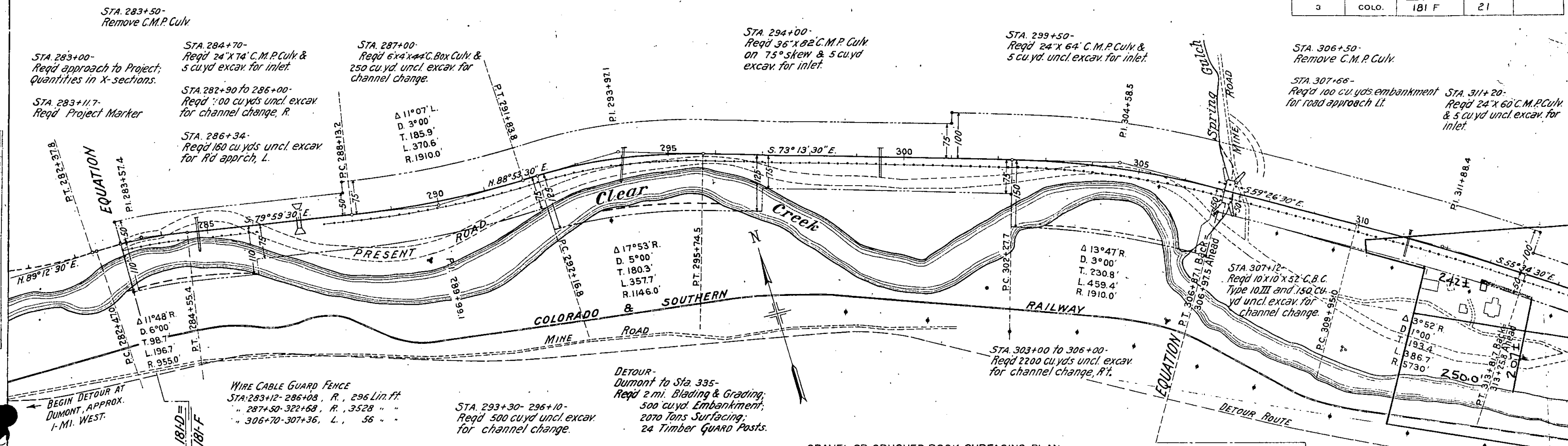
DIST. ENG. BUREAU PUBLIC ROADS

RECOMMENDED FOR APPROVAL

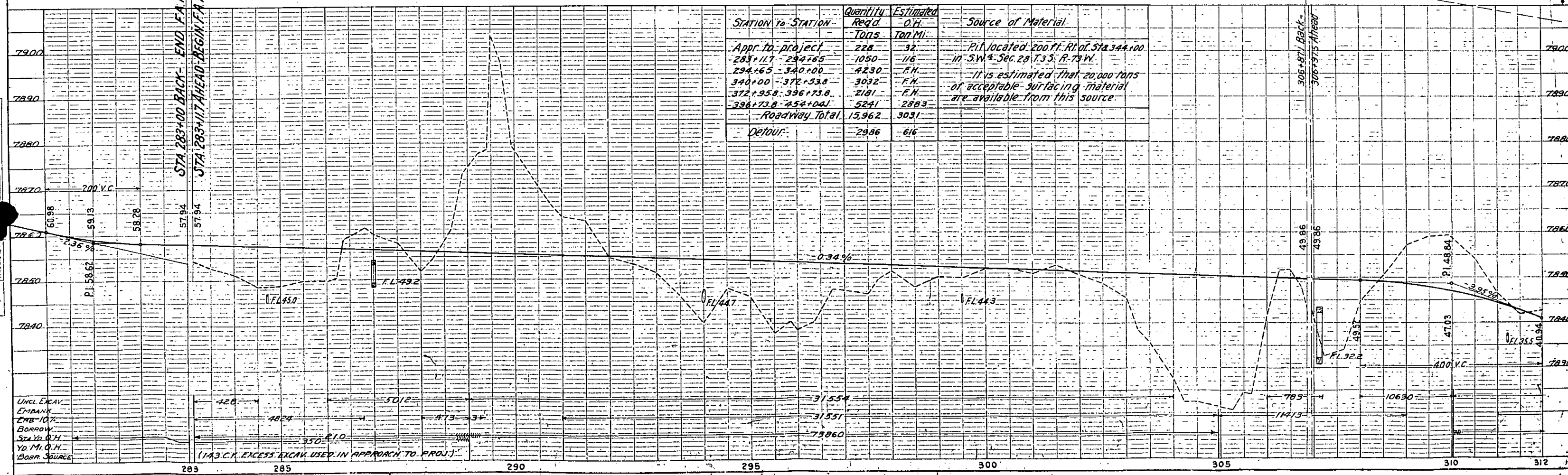
CHIEF ENG. BUREAU PUBLIC ROADS

APPROVED

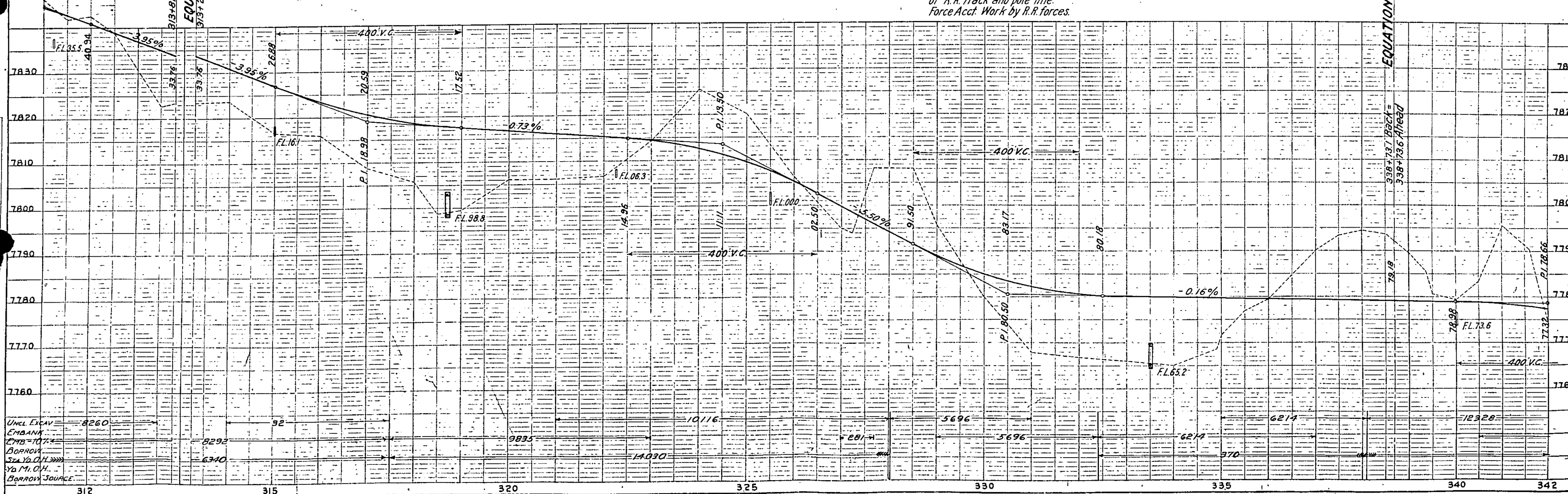
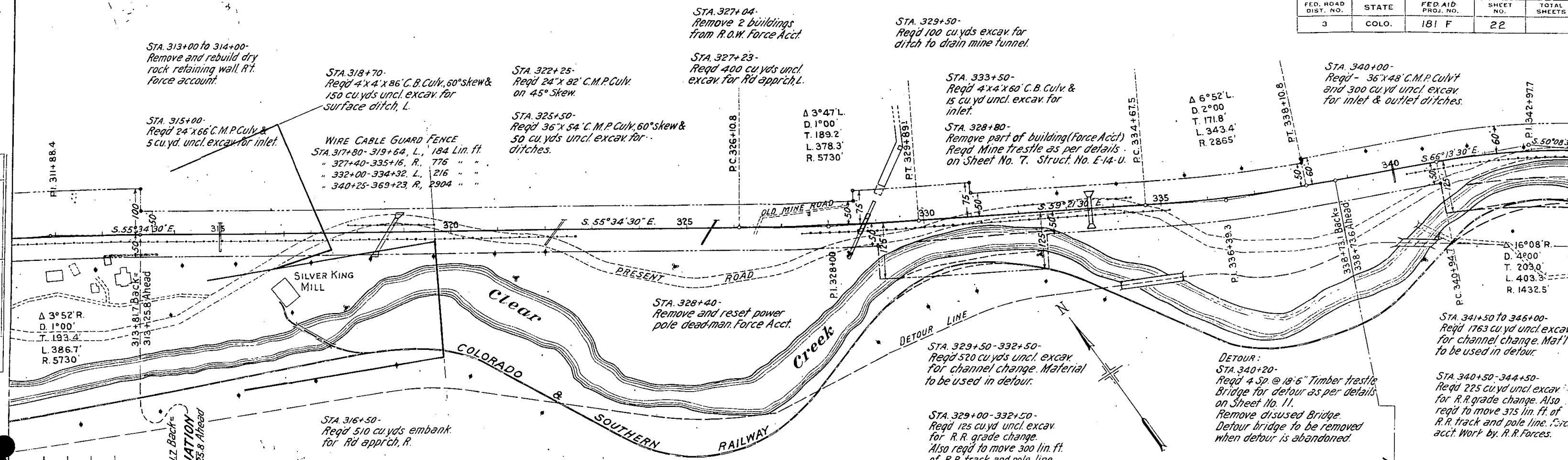
DIRECTOR BUREAU PUBLIC ROADS

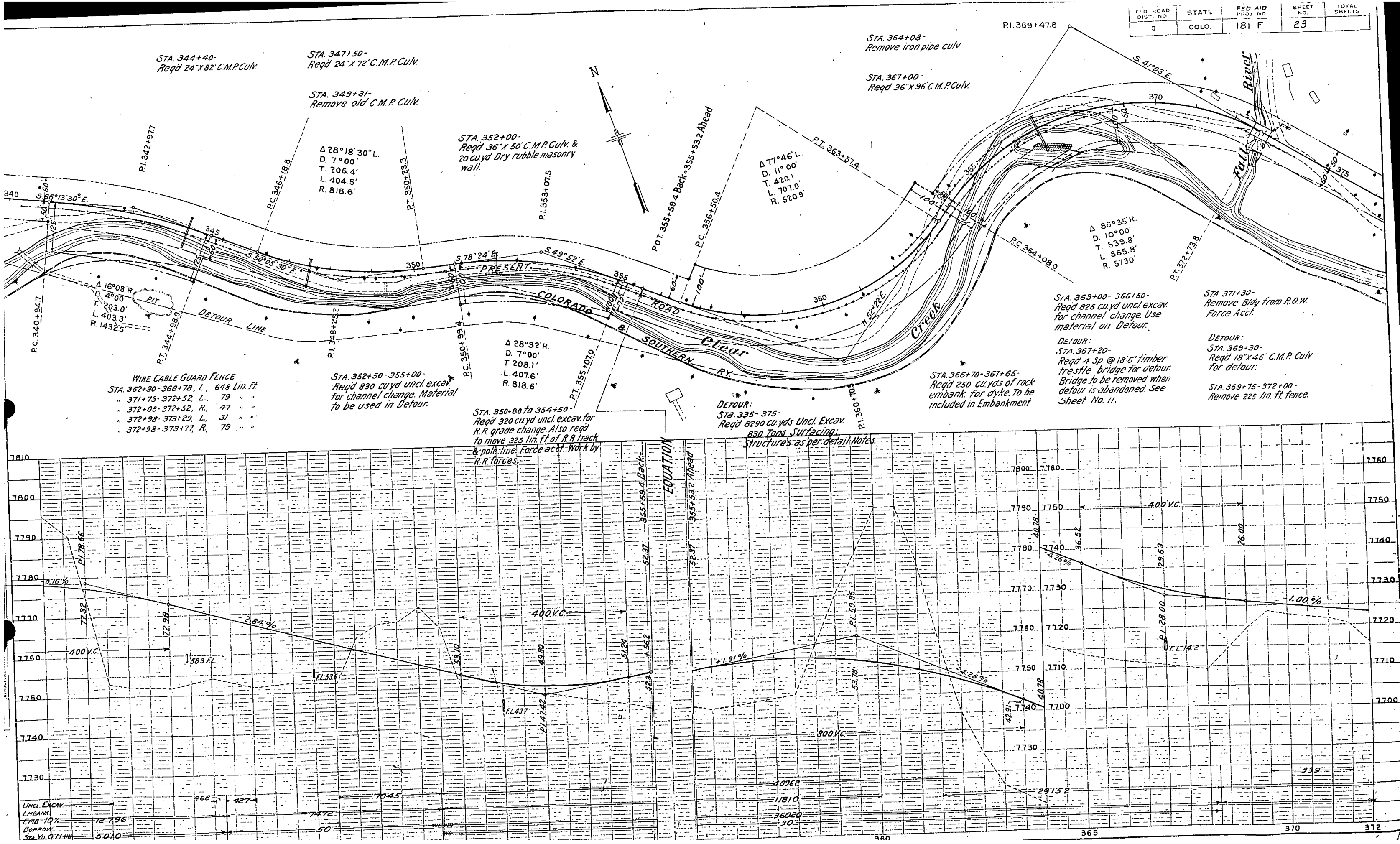


GRAVEL OR CRUSHED ROCK SURFACING PLAN

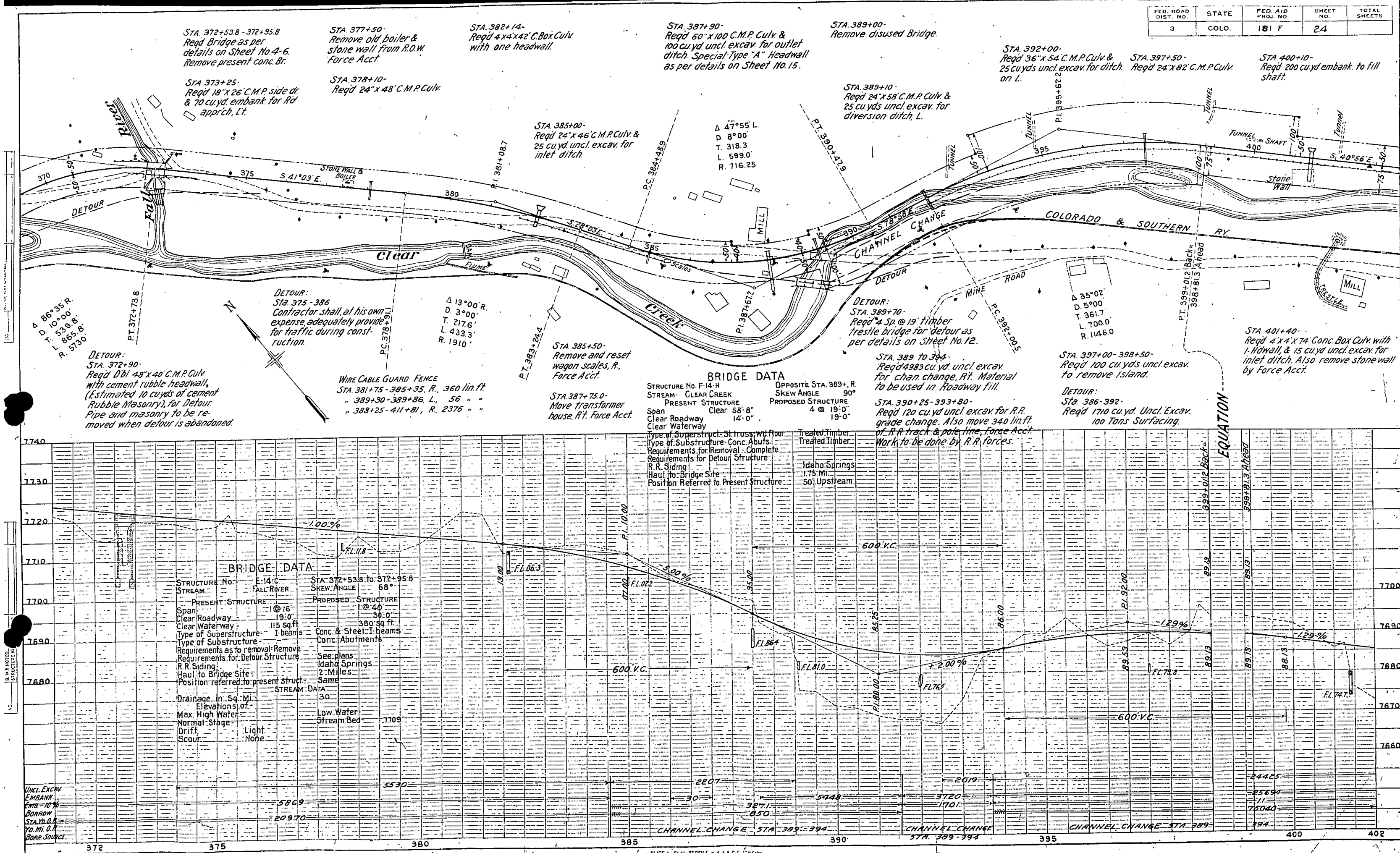


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	181 F	22	

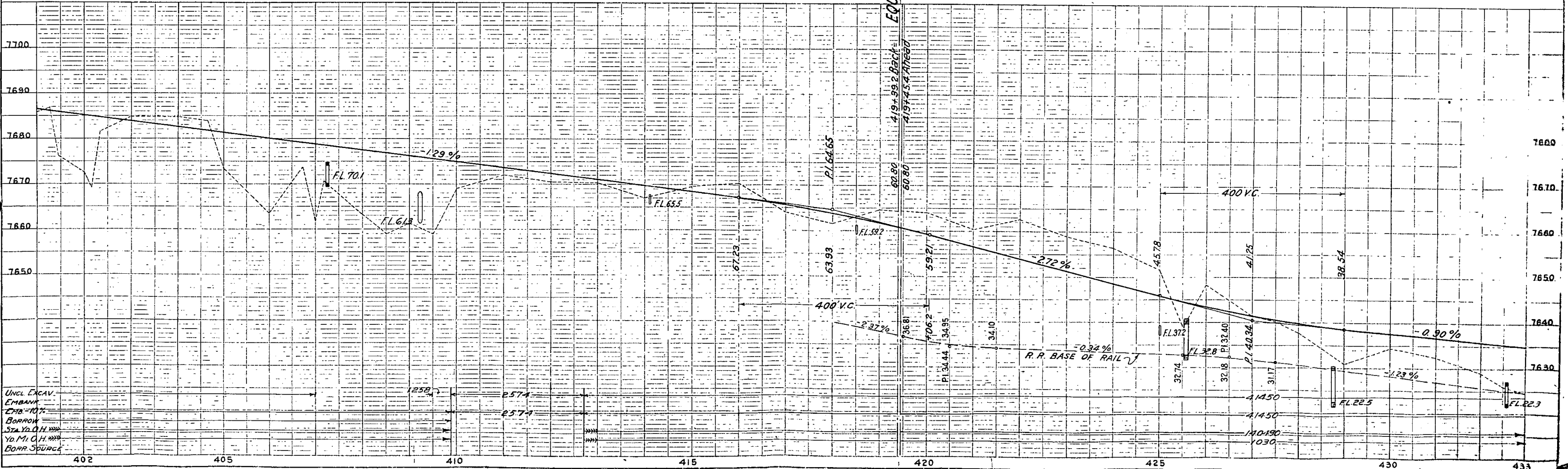
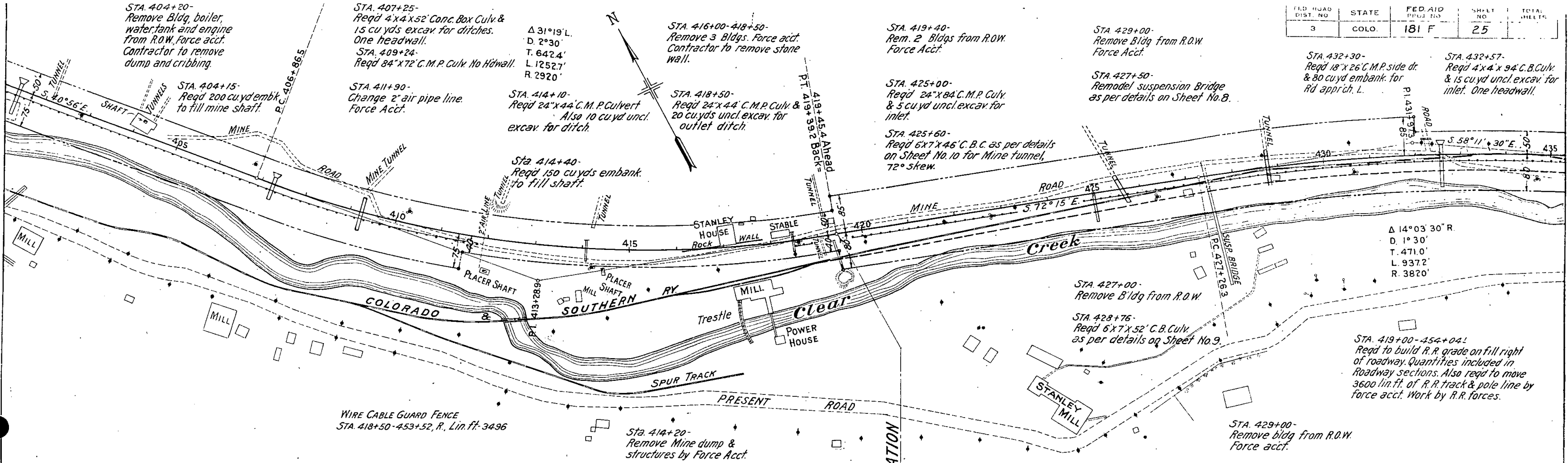




FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	181 F	25	



STA. 437+40-
Remove & reset 3 Bldgs
from R.O.W. Force acct.

STA. 437+98-
Reqd 6'x7'x46' Conc Box Culv as
per details on Sheet No. 10 for
mine tunnel; 72° skew

STA. 439+40-
Remove timber cribbing.

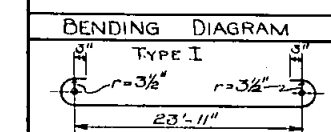
STA. 446+00-
Reqd 24"x86" C.M.P. Culv.

STA. 451+60-
Reqd 24"x112" C.M.P. Culv.

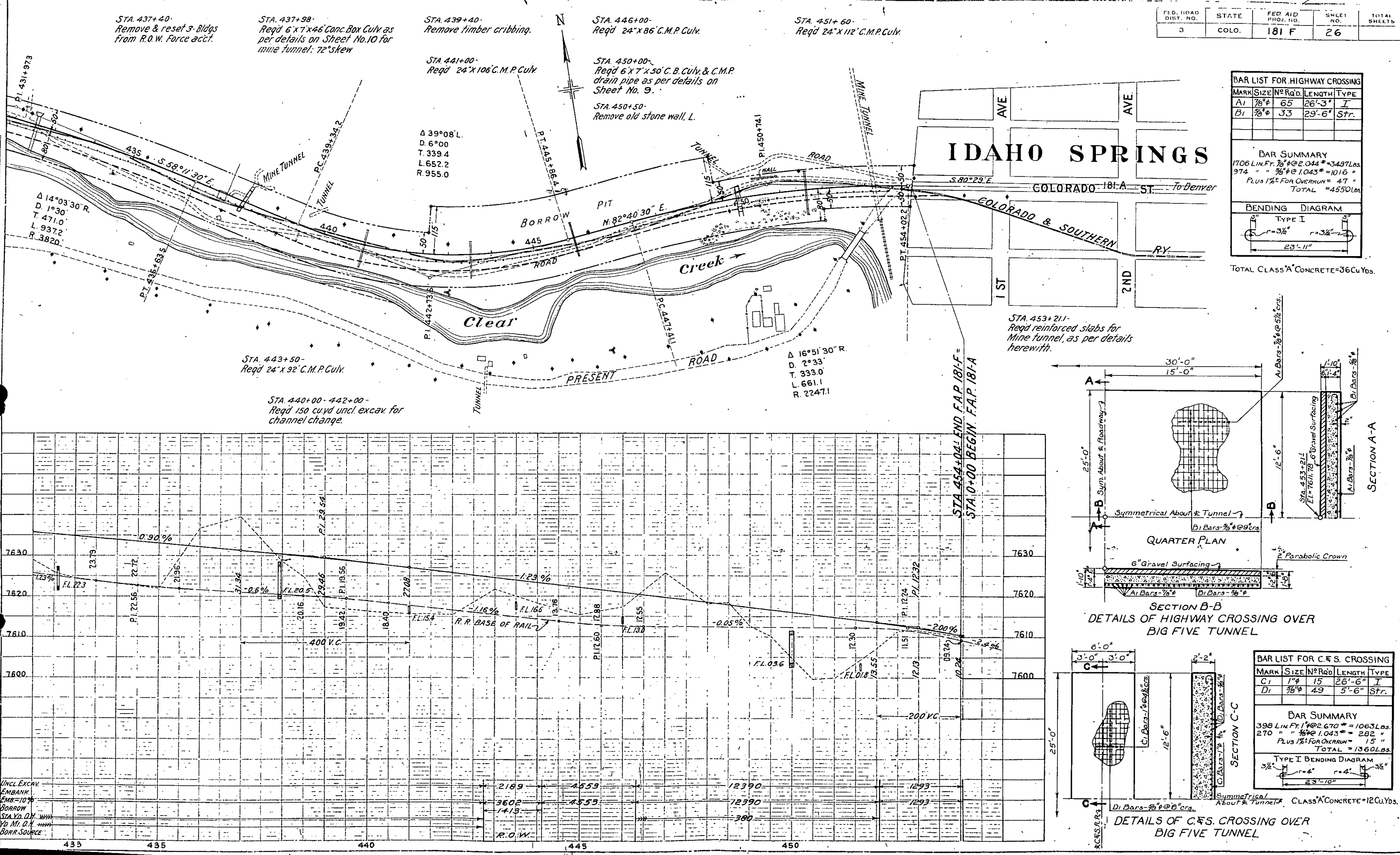
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MARK	SIZE	Nº Rqd.	LENGTH	TYPE
A1	7/8"	65	26'-3"	I
B1	7/8"	33	29'-6"	Str.

BAR SUMMARY
1706 LIN. FT. 7/8" @ 2.044' = 3437 LBS.
974 " " 7/8" @ 1.043' = 1016 "
PLUS 1/2" FOR OVERRUN = 47 "
TOTAL = 4550 LBS.

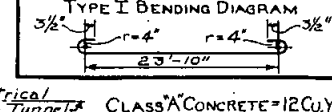


TOTAL CLASS 'A' CONCRETE = 36 Cu Yds.



MARK	SIZE	Nº Rqd.	LENGTH	TYPE
C1	1"	15	26'-6"	I
D1	7/8"	49	5'-6"	Str.

BAR SUMMARY
398 LIN. FT. 1" @ 2.670' = 1063 LBS.
270 " " 7/8" @ 1.043' = 282 "
PLUS 1/2" FOR OVERRUN = 15 "
TOTAL = 1360 LBS.



CLASS 'A' CONCRETE = 12 Cu Yds.