

FED. ROAD DIST. NO.	STATE	A.W. PROJ. NO.	SHEET NO.	TOTAL SHEETS.
3	COLO.	6007	1	

Rev. 8/19/36 for UNIT 2 - L.A.F.

COLORADO

STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED

A. W. PROJECT NO.6007

STATE HIGHWAY NO. 2

CLEAR CREEK COUNTY

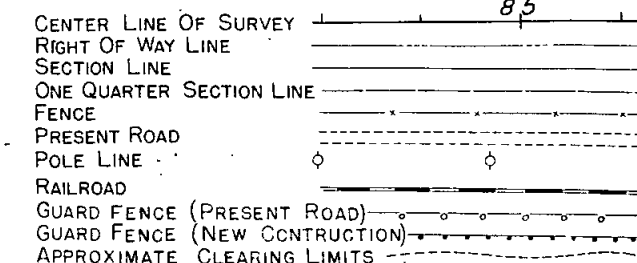
INDEX OF SHEETS UNIT NO. 1

1. SKETCH MAP AND TITLE
2. TYPICAL SECTION AND SUMMARY OF QUANTITIES
3. TABULATION OF STRUCTURES & DETAILS OF CEMENT RUBBLE MASONRY HEADWALL STA. 35+
4. STANDARD HEADWALLS FOR C.M.P. CULVERTS M-102-E
5. " SEMI-RIGID METAL PLATE GUARD FENCE M-21-A
6. " FLEXIBLE METAL PLATE GUARD FENCE M-22-A
7. " WIRE FENCES WITH STEEL POSTS AND MARKER POSTS M-27-A
8. " METHODS FOR SUPERELEVATION AND WIDENING OF CURVES M-1-A
9. TYPICAL SIDE APPROACH ROADS/ROADWAY CONSTRUCTION TRAFFIC SIGNS M-2-B
- 10-14 PLAN AND PROFILE
- 15-136 CROSS SECTIONS

INDEX OF SHEETS UNIT NO. 2

1. SKETCH MAP AND TITLE
2. TYPICAL SECTION AND SUMMARY OF QUANTITIES
3. TABULATION OF STRUCTURES
- 4A TO 15A DETAILS OF BRIDGE STA. 295+
16. STANDARD HEADWALLS FOR C.M.P. CULVERTS
17. " SEMI-RIGID METAL PLATE GUARD FENCE
18. " WIRE FENCES WITH STEEL POSTS AND MARKER POSTS
19. " STRUCTURE NUMBER LETTERING
20. " METHODS FOR SUPERELEVATION AND WIDENING OF CURVES
21. TYPICAL SIDE APPROACH ROADS/ROADWAY CONSTRUCTION TRAFFIC SIGNS
22. PLAN AND PROFILE

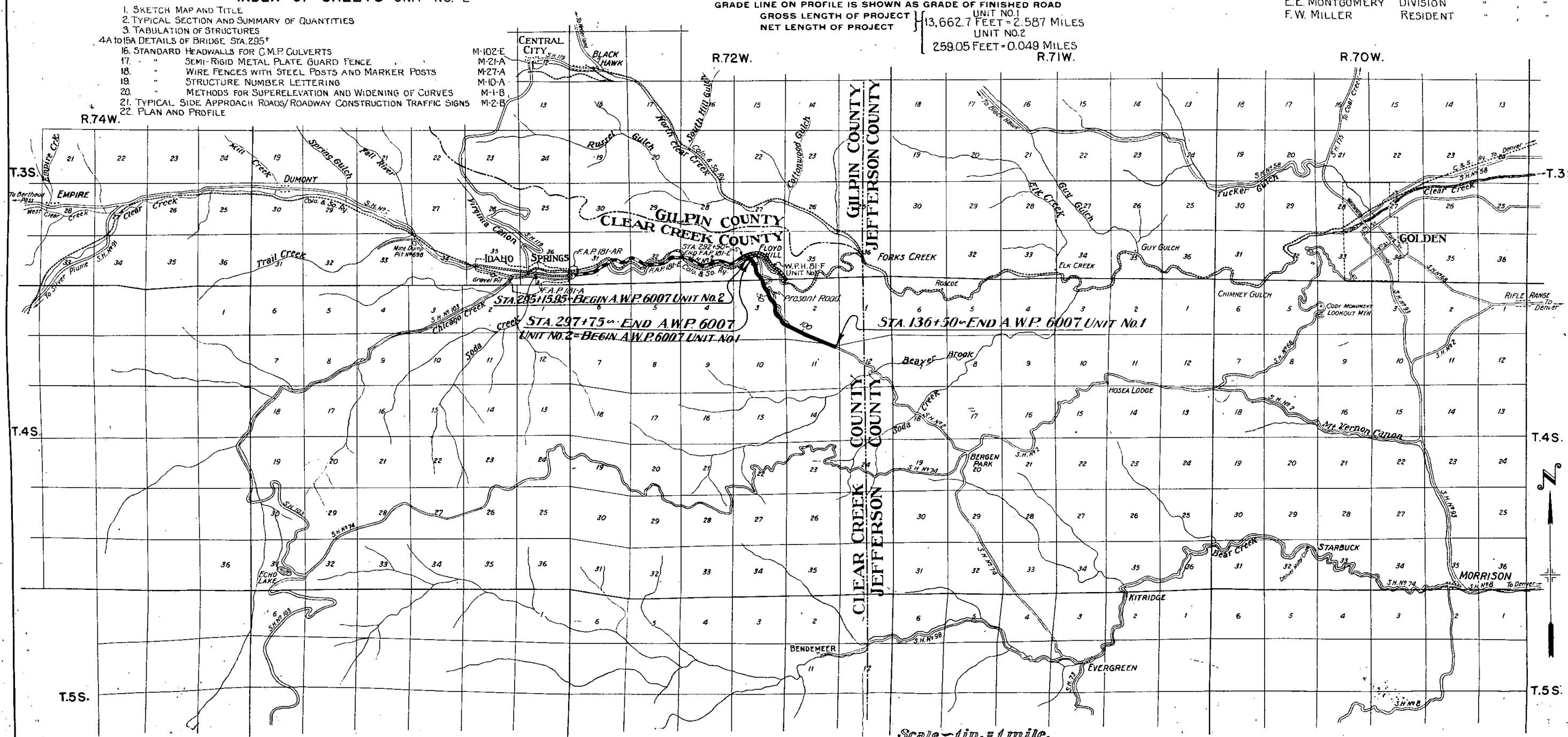
CONVENTIONAL SIGNS



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
F.W. MILLER RESIDENT

SCALES
ON 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 UNIT NO.1
NET LENGTH OF PROJECT UNIT NO.2
13,662.7 FEET = 2.587 MILES
259.05 FEET = 0.049 MILES



RECOMMENDED FOR APPROVAL
William J. ...
ASSISTANT ENGINEER
APPROVED
Charles D. ...
STATE HIGHWAY ENGINEER

Scale - 1 in. = 1 mile.

The alignment and grades hereon shown are subject to adjustment during construction. All pole lines encroaching on construction are to be moved by owners. Fencing requirements, gates, and right of way markers are tabulated on Sheet No.2.

FED. ROAD DIST. NO.	STATE	A.W. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	6007 UNIT No 1 6007 UNIT No 2	10 22	

Rev. 8-18-36 h.b.m. Line, prof. grade & quant's for Unit
S.E. 1/4 SEC. 34
T.33S, R.72W.

UNIT No. 2
Sta 297+07.5 to 297+43.5~ Req'd. 36 lin. ft. Guard Fence Rt.
Sta 295+15.95 to 297+28.75~ Req'd. 4 span concrete I-beam bridge. Details on sheets No. 4A to 15A and cu yds. Embankment for approach to east abutment.
Sta. 298+09.5 to 298+57.5~ Req'd. 48 lin. ft. Guard Fence Lt.
Sta. 295+15.95~ Req'd. project marker.
Sta. 297+20~ Req'd. Corrugated Metal Spillway Entrance (Details on Sheet No.2) on Rt. 8"x110" C.M.P. drain, 2'-4.5" Elbows for 8" C.M.P., 15 sq. yds. Dry Rubble Slope Paving for outlet protection. Also req'd. 18"x30" C.M.P. (one headwall) under R.R. tracks.

NOTE: Approach Sta 292+50 to 295+15.95 to be constructed as part of W.P.H. 81-F #1

UNIT NO. 2
BEGINNING A.W. PROJECT NO. 6007
UNIT NO. 1

Sta. 7+40~ Req'd. 36"x112" C.M.P. cross culvert & 20 cu yds. Uncl. Excav. for ditches.

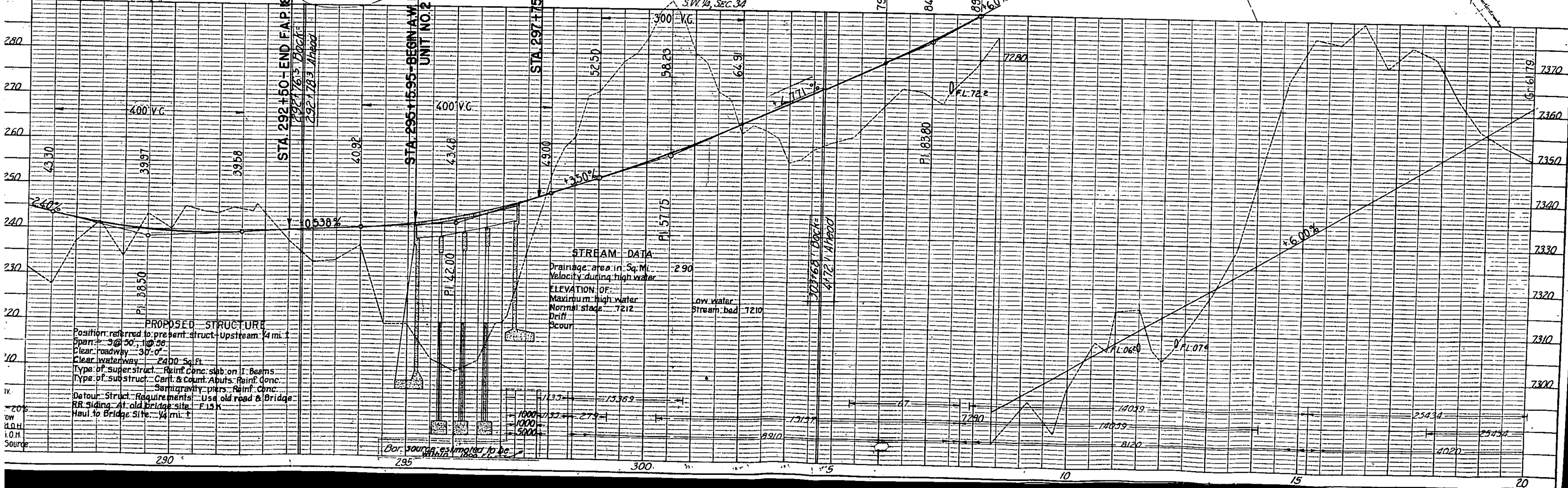
Sta. 1+65 to 13+85~ Req'd. 1220 lin. ft. Metal plate guard fence Lt.

Sta. 17+80 to 28+00~ Req'd. 1040 lin. ft. Metal plate guard fence Lt.

Sta. 11+50~ Req'd. 24"x50" C.M.P. cross culvert & 50 cu yds. Uncl. Excav. for ditches

Sta. 12+31~ Req'd. 24"x100" C.M.P. cross culvert & 30 cu yds. Uncl. Excav. for ditches

Sta 12+31 to 13+50~ Req'd. 50 cu yds. Uncl. Excav. for Intercepting ditch Rt.



SE 1/4, SEC 34

FED. ROAD DIST. NO.	STATE	A.W. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	6007	11	

Sta. 49+90 ~ Req'd. 24"x84" C.M.P. cross culvert
8 30 cu. yds. Uncl. Excav. for ditches

Sta. 40+13~Req'd. 24"x96" C.M.P. cross culvert
8 15 cu. yds. Uncl. Excav. for ditches:

Sta. 43+00~Req'd. 24"x66" C.M.P. cross culvert
8 30 cu. yds Uncl. Excav. for ditches.

Sta. 22+65 to 23+40 - Reqd 60 cu yds.
Uncl. Excav. for Intercepting
ditch Rt.

Sta 30+00 to 34+00 ~ Req'd. 150 cu. yds.
Uncl. Excav. for Intercepting ditch Rt.

Sta. 21+50 to 24+00 ~ Req'd. 250 lin. ft.
Metal plate guard fence Rt.

Sta. 20+70~Req'd 36"x226 C.M.P. cross culvert
8 20 cu yds. Uncl. Excav. for ditches

Sta. 22+38 ~ Req'd. 24"x226" C.M.P.
cross culvert & 20 cu yds Uncl.
Excav for ditches

Sta. 17+80 to 28+00 ~ Req'd. 1040 lin. ft.
Metal plate guard fence Lt

Sta. 35+ ~ Req'd. remove 500 lin. ft. guard
fence along present road.

Sta. 33+70 to 37+50 ~ Req'd 380 lin.
ft. Metal plate guard fence Lt.

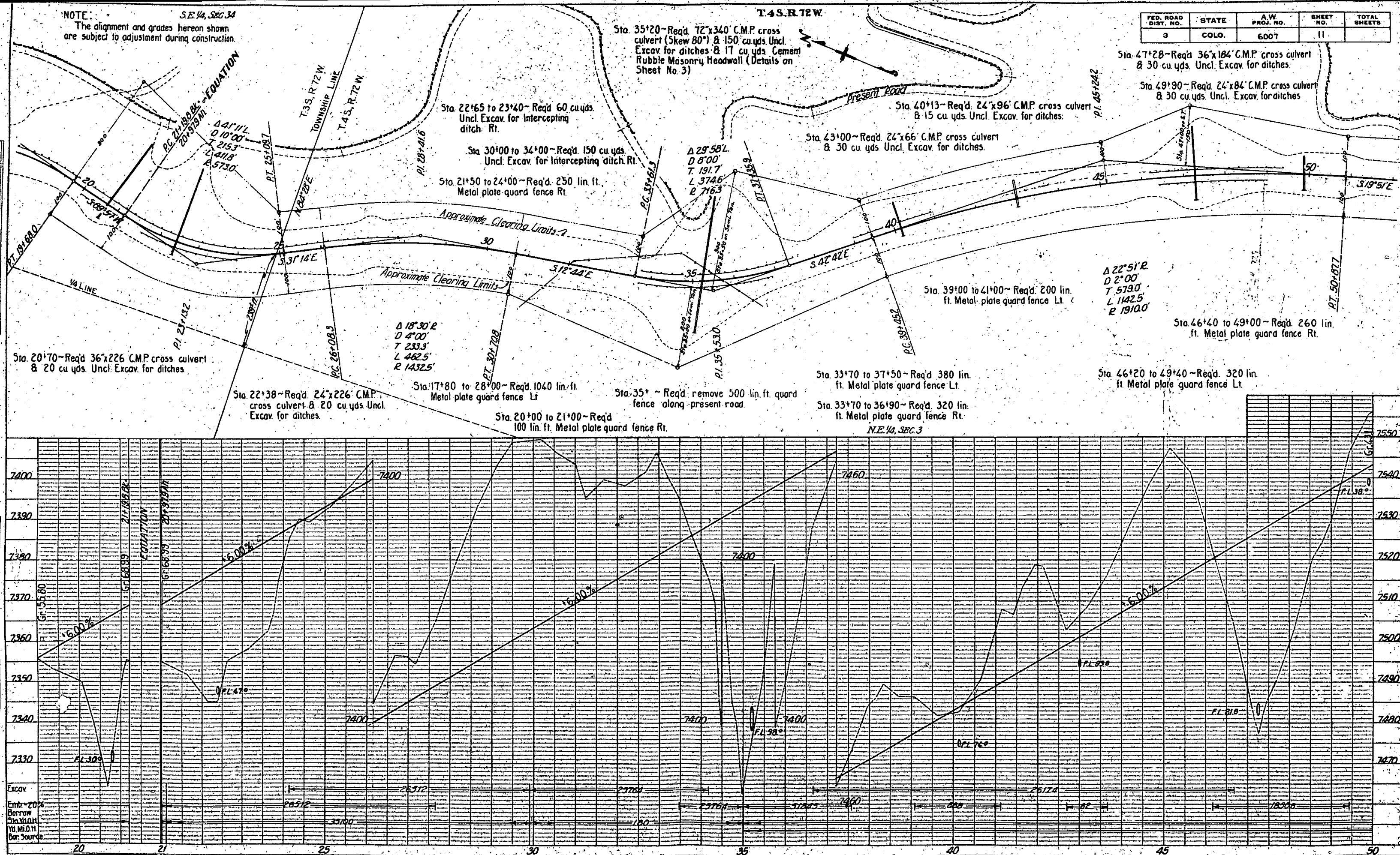
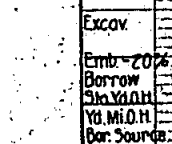
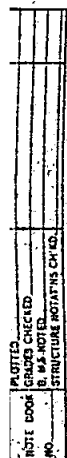
Sta. 33+70 to 36+90~ Req'd. 320 lin.
ft. Metal plate guard fence Rt.

N.E. 1/4. SEC. 3

Sta. 46+20 to 49+40 ~ Req'd. 320 lin.
ft. Metal plate guard fence Lt.

Sta. 46+40 to 49+00 ~ Req'd. 260 lin.
ft. Metal plate guard fence Rt.

Δ 22° 51' R
D 2° 00'
T 579.0
L 1142.5
P 1910.0



NOTE:
The alignment and grades hereon shown are
subject to adjustment during construction.

Sta. 61+75~Req'd. 24'x208' C.M.P.
cross culvert & 50 cu yds. Uncl.
Excav. for ditches, & remove adjacent
10'x22' C.M.P.

Sta. 68+45~Req'd. 300 cu yds. Emb.
for Road Appr. Rt.

Sta. 68+47~Req'd. 36'x208' C.M.P. cross culvert
& 75 cu yds. Uncl. Excav. for ditches, & remove adjacent 18'x46' C.M.P. P.I. 81+72.3

Sta. 71+68~Req'd. 24'x210' C.M.P. cross culvert (Skew 80°)
& 30 cu yds. Uncl. Excav. for ditches, & remove adjacent
18'x65' C.M.P.
Sta. 72+80~Req'd. move cabin off R.O.W.
Force account.

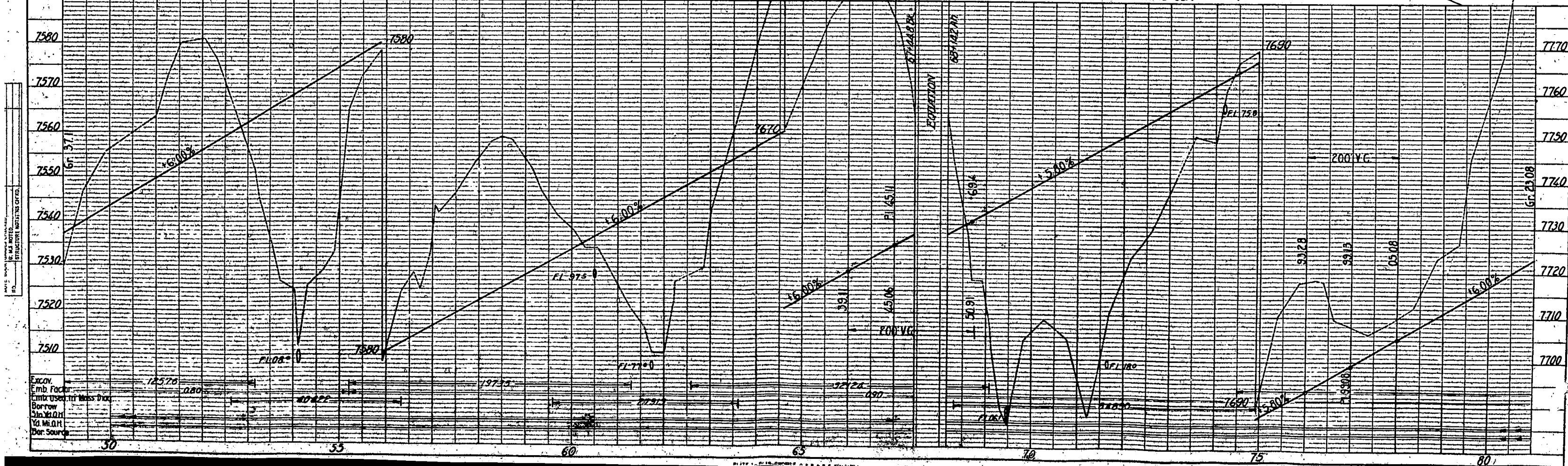
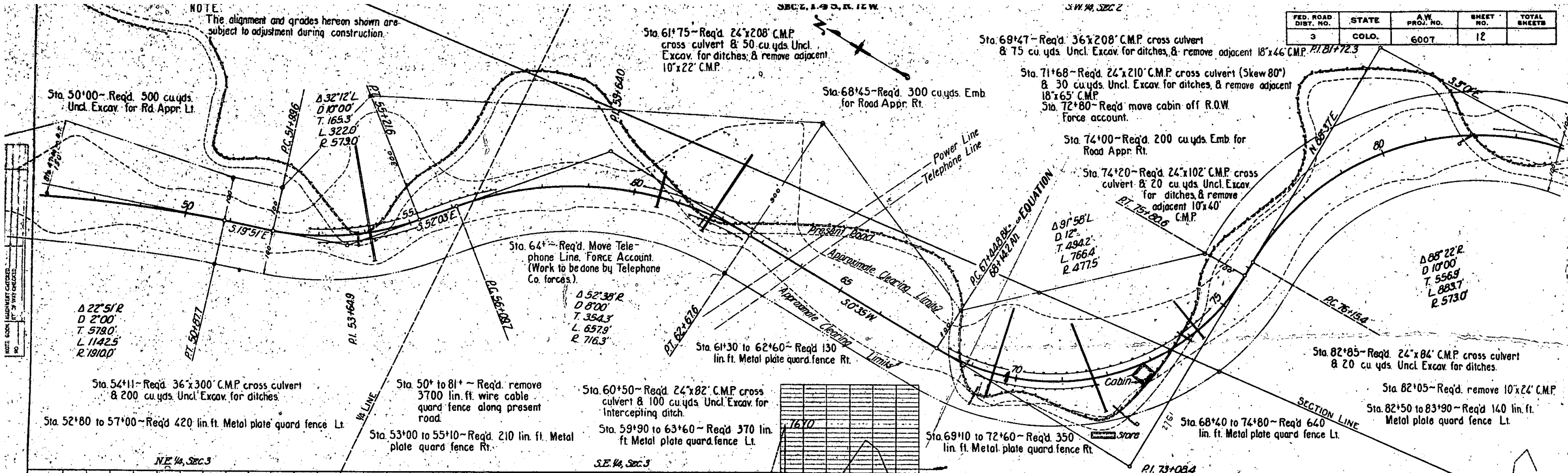
Sta. 74+00~Req'd. 200 cu yds. Emb. for
Road Appr. Rt.

Sta. 74+20~Req'd. 24'x102' C.M.P. cross
culvert & 20 cu yds. Uncl. Excav.
for ditches, & remove
adjacent 10'x40'
C.M.P.

Sta. 82+85~Req'd. 24'x84' C.M.P. cross culvert
& 20 cu yds. Uncl. Excav. for ditches.

Sta. 82+05~Req'd. remove 10'x24' C.M.P.
Sta. 82+50 to 83+90~Req'd. 140 lin. ft.
Metal plate guard fence Lt.

FED. ROAD DIST. NO.	STATE	A.W. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	6007	12	



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3	COLO.	6007	13	

NOTE: The alignment and grades hereon shown are subject to adjustment during construction.

T.4 S. R. 72 W.

Sta. 85+71 ~ Req'd. 24'x86' C.M.P. cross culvert
& 10 cu. yds. Uncl. Excav. for ditches, & removal of adjacent 10'x24' C.M.P.

Sta. 89+94 ~ Reqd. '24'x102' C.M.P. cross culvert
& 10 cu. yds. Uncl. Excav. for ditches.

Sta. 101+50~Req'd. 24'x58' C.M.P. cross culvert
8. 30 cu. yds. Uncl. Excav. for ditches.

Sta. 107+20 ~ Req'd. 36"x158' C.M.P. cross culvert (Skew 45°)
 & 50 cu. yds. Uncl. Excav. for ditches, & remove adjacent 18"x26' C.M.P.

Sta. 111+00 ~ Req'd. 24"x56" C.M.P.
cross culvert.

Sta. 95+24 - Reqd. 24'x66' C.M.P. cross culvert
 & 20 cu yds. Uncl. Excav. for ditches, & remove adjacent 10'x32' C.M.P.

Sta 96⁺ - Req'd. Move shed and cabin off R.O.W.
Force account.

Sta. 87+80 to 90+80 ~ Req'd. 300 lin. ft.
Metal plate guard fence Rt.

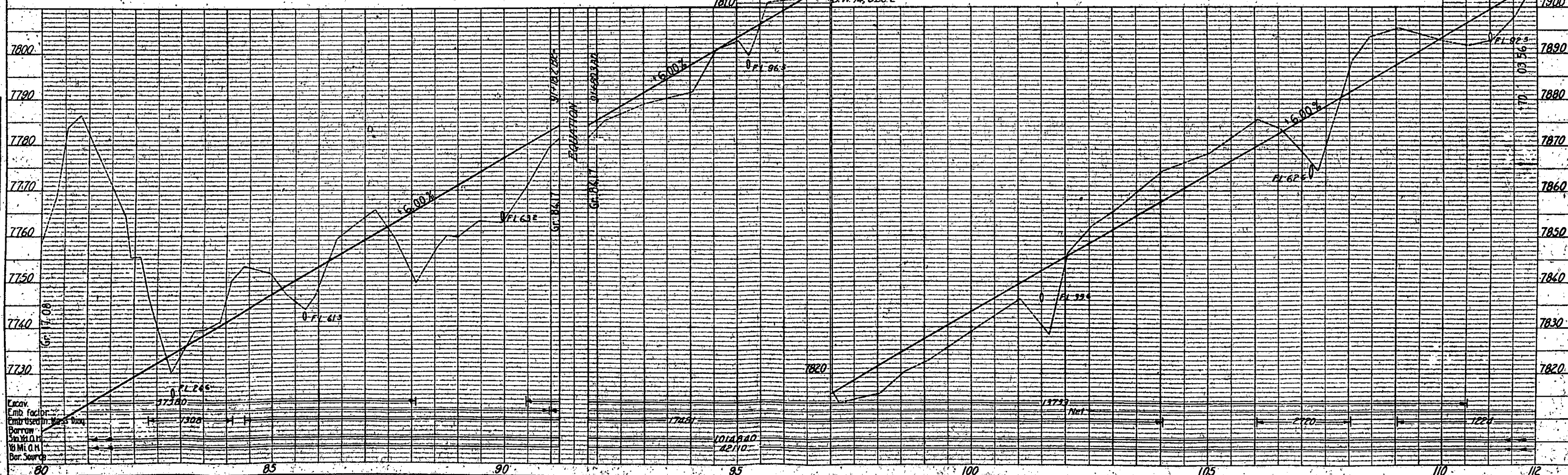
Sta. 106+20 to 107+30 ~ Req'd 110 lin. ft.
Metal plate guard-fence Lt.

Sta. 107+20 to 108+00 ~ Req'd. 80 lin.
ft. Metal plate guard fence Rt.

Sta. 81+ to 108+ ~ Req'd. remove 3000 lin. ft. wire cable
guard. fence along present road.

Sta. 84+50~Req'd. 300 cu.yds. Uncl. Excav.
& 300 cu. yds. Emb. for Rd. Appr. Lt.

Sta 83+00 to 84+00 - Reqd. 50 cu. yds. Uncl. Excav.
for Intercepting ditch Rt.



FED. ROAD DIST. NO.	STATE	A.W. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	6007	14	

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SE 1/4, SEC 2

SEC 2, T.4 S., R. 72 W.

Sta. 123+80~Req'd. 18"x30' C.M.P. side drains Rt. & Lt.
& 50 cu. yds. Emb. for Rd. Apprs. Rt. & Lt.

Sta. 126+00~Req'd. 24"x64' C.M.P. cross culvert
& 10 cu. yds. Uncl. Excav. for ditches & remove
15"x30' C.M.P.

Sta. 136+50~Req'd. Project marker & 300 cu. yds.
Emb. for Approach to project.

Sta. 124+90~Req'd. 18"x30' C.M.P. side drain
& 30 cu. yds. Emb. for Rd. Appr. Rt.

Sta. 131+85~Req'd. 24"x74' C.M.P. cross culvert
& 20 cu. yds. Uncl. Excav. for ditches &
remove 18"x36' C.M.P.

NOTES:
1. PLANTING CHECKED
2. ST. OF WAY CHECKED
3. NO.

NOTES:
1. BORROW PILES CHECKED
2. STRUCTURE NOTATION AS C.P.T.O.
3. NO.

