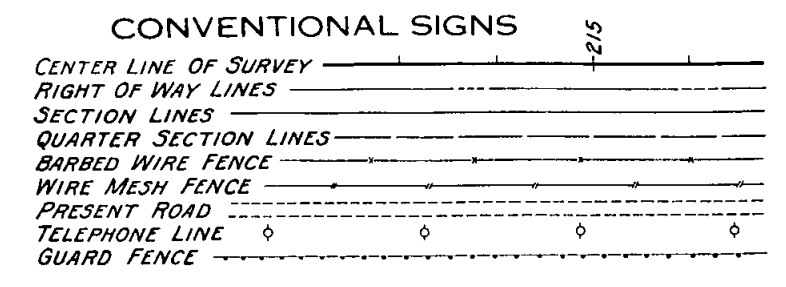


FED. ROAD DIST. NO.	STATE	P. W. A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	6007-C	1	

COLORADO
STATE HIGHWAY DEPARTMENT
PLAN AND PROFILE OF PROPOSED
P.W.A. DOCKET COLO. 804-D
PROJECT NO. 6007-C
STATE HIGHWAY NO. 2
CLEAR CREEK & JEFFERSON COUNTIES

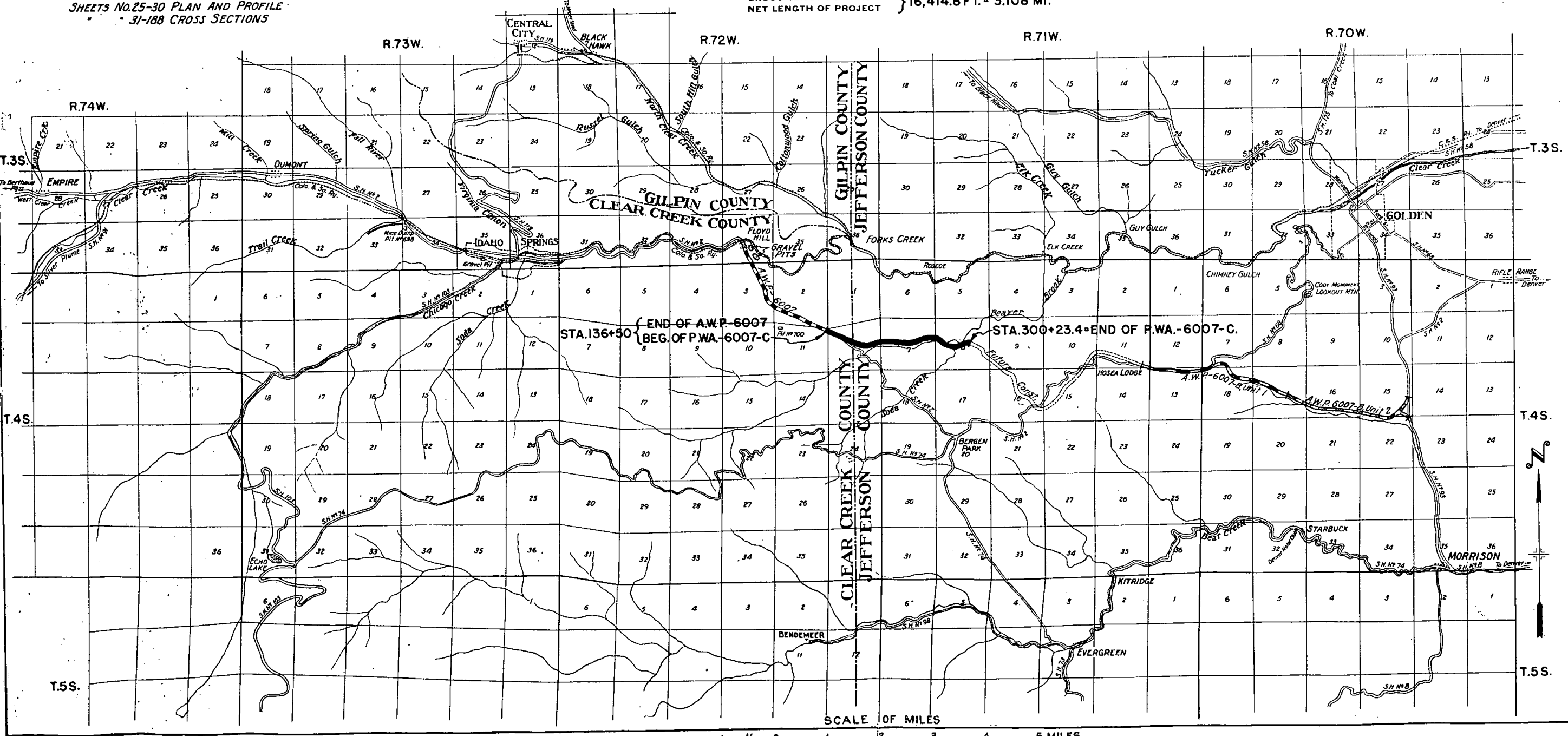
INDEX OF SHEETS

- SHEET NO. 1 TITLE SHEET
" " 2 TYPICAL SECTION & SUMMARY
" " 3 LIST OF STRUCTURES
" " 4 " FENCING, GUARD FENCE & R.O.W. MARKERS
SHEETS NO. 5-8 DETAILS OF BRIDGE, STA 258+.
" 9-15 " " " STA 273+.
SHEET NO. 16 STANDARD CONCRETE BOX CULVERTS ----- M-103-D.
" " 17 " " " ----- M-104-D.
" " 18 " HEADWALLS FOR C.M.P. CULVERTS (REVISED) ----- M-102-E.
" " 19 " SEMI-RIGID METAL PLATE GUARD FENCE ----- M-21-A.
" " 20 " FLEXIBLE " " ----- M-22-A.
" " 21 " WIRE FENCES (TREATED WOOD POSTS) AND MARKER POSTS ----- M-24-F.
" " 22 STANDARD STRUCTURE NUMBER LETTERING ----- M-10-A.
" " 23 " METHODS FOR SUPERELEVATION AND WIDENING OF CURVES ----- M-1-B.
" " 24 " TYPICAL SIDE APPROACH ROADS/ROADWAY CONSTRUCTION TRAFFIC SIGNS ----- M-2-BX
SHEETS NO. 25-30 PLAN AND PROFILE
" 31-188 CROSS SECTIONS



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, COLORADO.
E.E. MONTGOMERY - DIVISION " " "
F.W. MILLER - RESIDENT " " "

SCALES ON ORIGINAL TRACINGS
ON PLAN, 1 IN. = 100 FT.
ON PROFILE 1 1/2 IN. = 100 FT. HORIZONTAL
1 IN. = 10 FT. VERTICAL
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
GROSS LENGTH OF PROJECT } 16,414.8 FT. = 3.108 MI.
NET LENGTH OF PROJECT }



RECOMMENDED FOR APPROVAL
ASSISTANT ENGINEER
APPROVED
STATE HIGHWAY ENGINEER
RECOMMENDED FOR APPROVAL
DIST. ENG. BUREAU PUBLIC ROADS
RECOMMENDED FOR APPROVAL
CHIEF ENG. BUREAU PUBLIC ROADS
APPROVED
DIRECTOR BUREAU PUBLIC ROADS

SCALE OF MILES

FENCING REQUIREMENTS

STATION	SIDE	REMOVE FENCE	BUILD FENCE LIN. FT.		GATES NO.		
		LIN. FT.	BARB. WIRE	COMB. WIRE	B.W.	D.W.	WALK
136+50-144+80	L	840					
136+50-145+60	R	920					
145+60-161+30	L	1780					
171+10	X	80					
155+85-162+90	R	310					
166+30-169+80	L	350					
169+80-183+80	R	1490					
180+50	X	90					
183+80-185+70	L	220					
189+50-191+30	R	200					
190+80-200+60	L	1170					
196+50-200+80	R	480					
200+80-202+70	L	200					
202+70-205+85	R	320					
205+85-209+30	L	360					
209+30-210+20	R	90					
211+85-226+80	L	1820					
214+50-219+10	R	500					
222+75-232+75	R	1110					
242+80-245+55	L	250					
243+40-245+35	R	150					
255+80	X	140					
266+35-283+70	L	1620					
267+70-274+70	R	220					
136+50-212+50	L		7690				
136+50-163+00	R		2670				
181+40-213+00	R		3230				
212+50-216+50	L			400			
213+00-215+75	R			275			
216+50-300+234	L		8545				
215+75-230+30	R		1455				
232+75-275+20	R		4325				
275+50-300+234	R		2475				
141+80	L				1		
147+70	L					1	
161+90	L					1	
189+10	R					1	
191+40	L					1	
201+50	R				1		
213+00	R					1	
213+40	L				1		
214+00	R					1	
216+50	L & R				1		
244+00	L				1		
244+50	R					1	
TOTALS		14,710	30,390	675	5	6	2

GUARD FENCE

STATION	SIDE	LIN. FT.
150+14 - 154+14	L	400.0
150+14 - 154+14	R	400.0
154+20 - 158+32.5	L	412.5
154+20 - 158+32.5	R	412.5
158+38 - 161+88	L	350.0
158+38 - 162+38	R	400.0
162+49 - 166+99	R	450.0
184+40 - 186+27.5	R	187.5
187+51 - 190+51	R	300.0
191+50 - 194+12.5	L	262.5
191+50 - 194+12.5	R	262.5
195+50 - 196+00	R	50.0
205+30 - 209+80	R	450.0
207+00 - 208+37.5	L	137.5
211+75 - 212+50	R	75.0
225+80 - 229+30	R	350.0
229+60 - 234+47.5	R	487.5
236+45.5 - 240+58	R	412.5
240+66 - 242+66	R	200.0
249+04 - 252+29	R	325.0
258+18.2 - 258+81.2	L	62.5
258+01.2 - 258+63.8	R	62.5
259+16.8 - 260+29.2	R	112.5
259+34.2 - 263+34.2	L	400.0
263+40 - 267+65	L	425.0
267+71 - 269+33.5	L	162.5
275+18.8 - 275+93.8	L	75.0
275+01.4 - 275+63.2	R	62.5
279+60 - 284+10	L	450.0
287+51.5 - 291+64	L	412.5
291+70 - 295+82.5	L	412.5
293+00 - 295+00	R	200.0
298+31 - 300+18.5	L	187.5
TOTAL		9350.0

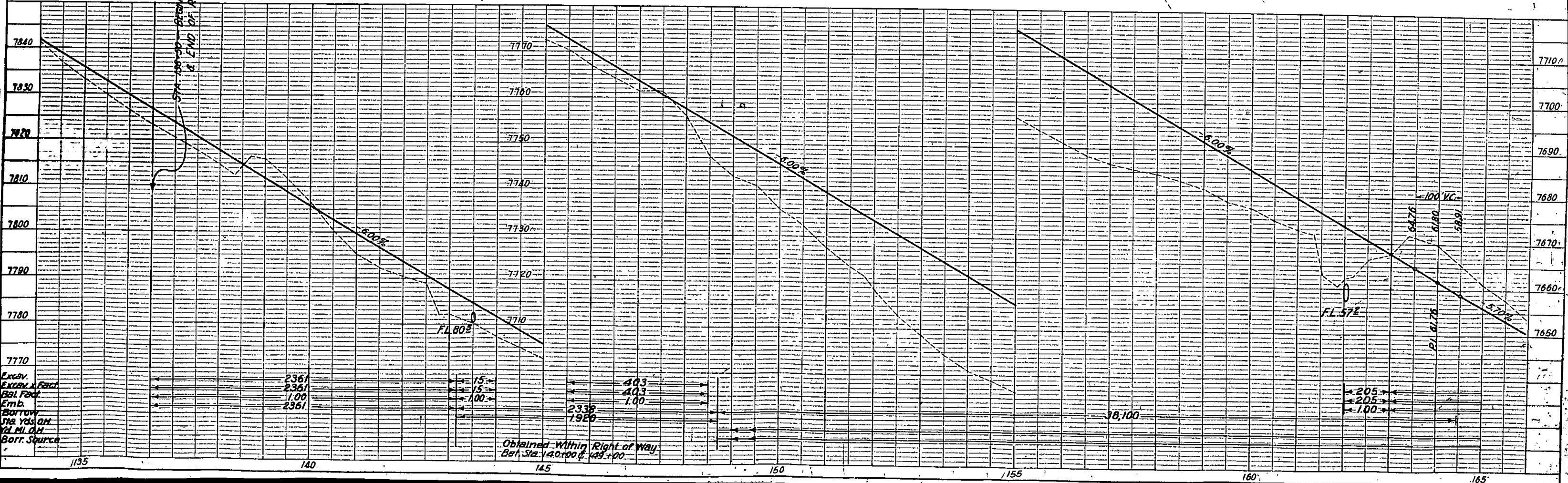
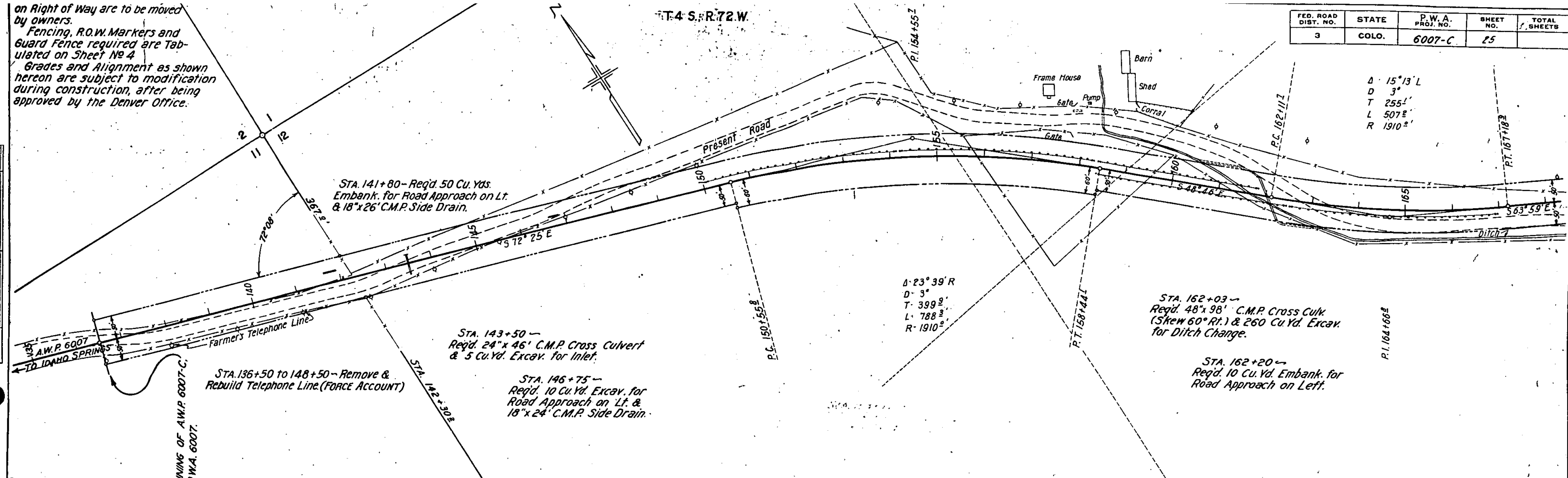
R.O.W. MARKERS

STATION	SIDE	NO.
136+50	L & R	2
142+10	L	1
142+40	R	1
150+55.8	R	2
158+44.1	R	2
170+90	L	1
171+35	R	1
185+00	L	2
188+00	L & R	4
199+40	L	1
199+65	R	1
209+00	L	2
212+31.5	R	2
226+85	L	1
226+90	R	1
233+50	R	2
233+96.4	L	2
235+00	R	2
245+00	L	2
249+04.8	R	2
257+05	L	1
257+25	R	1
264+49.2	L	2
265+94.2	R	2
273+00	R	2
280+13.2	L & R	4
287+65	R	1
290+00	L	2
297+00	L	2
300+23.4	L & R	2
TOTAL		53

on Right of Way are to be moved by owners.
Fencing, R.O.W. Markers and Guard Fence required are Tabulated on Sheet No 4
Grades and Alignment as shown hereon are subject to modification during construction, after being approved by the Denver Office.

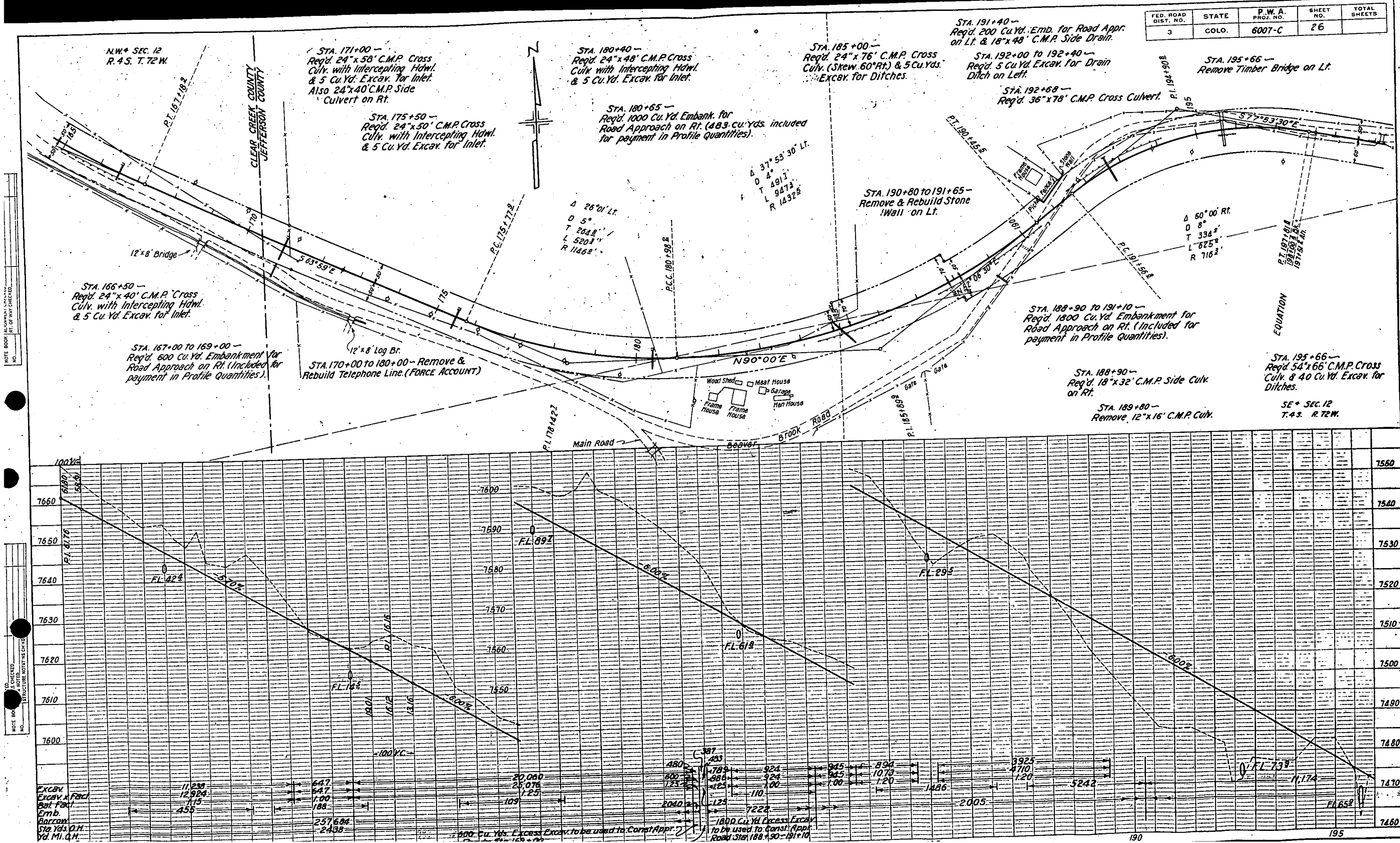
FED. ROAD DIST. NO.	STATE	P.W.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	6007-C	25	

Δ 15° 13' L
D 3'
T 255'-
L 507'-
R 1910'-



NOTE BOOK _____
ALIGNMENT CHECKED _____
RT. OF WAY CHECKED _____
NO. _____

NOTE BOOK IS CHECKED
NOTED



N.E. SEC. 12
T. 4S. R. 72W.

STA. 199+12 -
Remove 9'x16' Timber Bridge on Lt.
STA. 199+12 -
Regd. Double 48"x54' C.M.P. Culv. &
100 Cu. Yd. Excav. for Ditches.

N.W. SEC. 7,
T. 4S. R. 71W.

$\Delta 24^{\circ}38'30''$ Lt.
D 3'
T 417.2'
L 821.4'
R 1910.2'

STA. 213+00 -
Remove Barn from R.O.W. on Lt.
(FORCE ACCOUNT)

STA. 213+25 to 214+55 -
Regd. 10 Cu. Yd. Excav. for Ditch Change on Rt.

STA. 213+40 -
Regd. 400 Cu. Yd. Excav. for
Road Approach on Left.

STA. 216+25 -
Regd. 100 Cu. Yd. Excav. for
Road Approach on Left. &
18"x26' C.M.P. Side Drain.

STA. 221+00 to 223+00 -
Regd. 10 Cu. Yd. Embank. to fill Hole on Left.

STA. 221+00 to 224+00 -
Regd. 250 Cu. Yd. Excav. for Channel Change on Rt.

STA. 201+50 -
Regd. 150 Cu. Yd. Embank. for
Road Approach on Right.

STA. 205+75 to 210+00 -
Regd. 625 Cu. Yd. Excav. for
Channel Change on Right.

STA. 202+50 -
Regd. 24"x44' C.M.P. Cross
Culv. & 5 Cu. Yd. Excav. for Inlet.

STA. 207+50 to 208+24 -
Regd. 10 Cu. Yd. Embank. to fill
old Channel on Right.

STA. 208+24 -
Regd. 24"x52' C.M.P. Cross
Culv. & 5 Cu. Yd. Excav. for Outlet.

STA. 208+40 -
Regd. 100 Cu. Yd. Embank. for
Dam in Chan. Change on Rt.

STA. 208+40 to 209+25 -
Regd. 40 Cu. Yd. Excav. for
Ditch Change on Left.

STA. 212+80 -
Regd. 24"x50' C.M.P. Cross
Culv. & 10 Cu. Yd. Excav. for Ditches.

STA. 213+00 to 213+25 -
Remove & Relay Pipe on Right.
(FORCE ACCOUNT)

STA. 212+70 to 214+60 -
Remove & Rebuild Stone Posts & Fence on Rt.

STA. 213+00 -
Regd. 10 Cu. Yd. Embank. for
Road Approach on Right.

STA. 215+94 -
Regd. 6'x4'x36' Conc. Box
Culv. & 65 Cu. Yd. Excav. for Ditches.

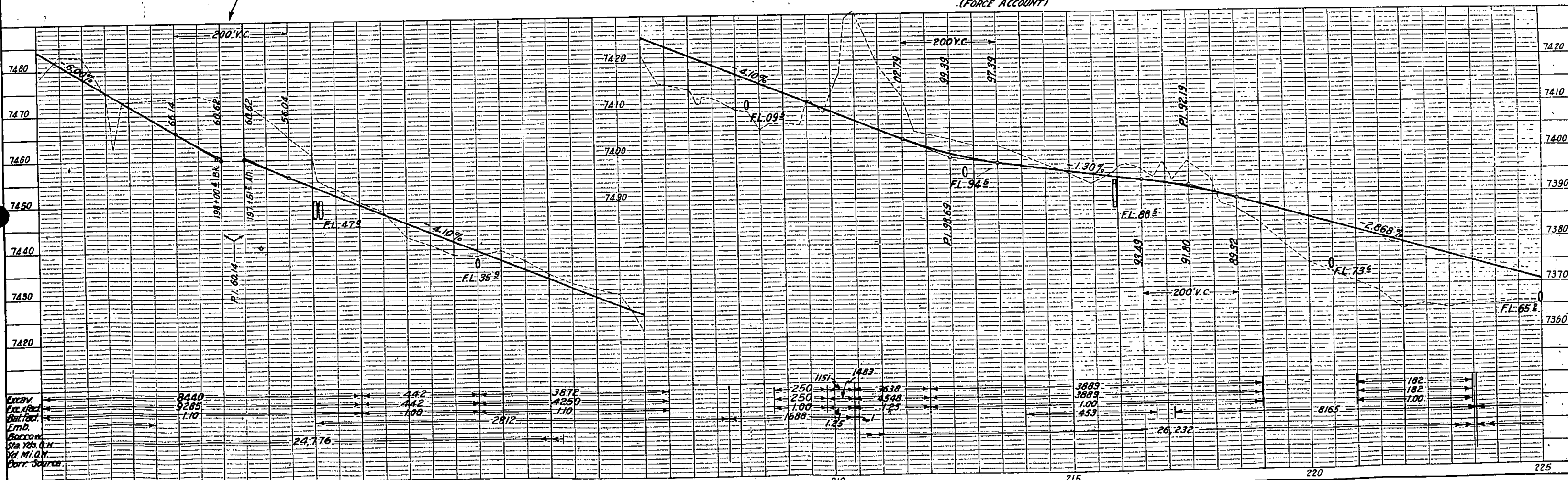
STA. 216+20 -
Remove Bridge.

STA. 216+50 -
Regd. 25 Cu. Yd. Embank. for
Road Approach on Right.

STA. 220+48 -
Regd. 24"x62' C.M.P. Cross
Culv.

Sta. 224+98 -
Regd. 24"x48' C.M.P. Cross
Culvert & 5 Cu. Yd. Excav. for Inlet.

EQUATION



STA. 229+27 ~ Reg'd. 24"x58" C.M.P. Cross Culv. with Intersecting Hdwl. & 50 Cu. Yd. Excav. for Inlet.

STA. 229+27 to 230+05 ~ Reg'd. 300 Cu. Yd. Embank. for Road Approach on Right.

STA. 238+15 ~ Reg'd. 24"x48" C.M.P. Cross Culv. & 5 Cu. Yd. Excav. for Inlet.

STA. 235+18 ~ Reg'd. 24"x76" C.M.P. Cross Culv. & 5 Cu. Yd. Excav. for Inlet.

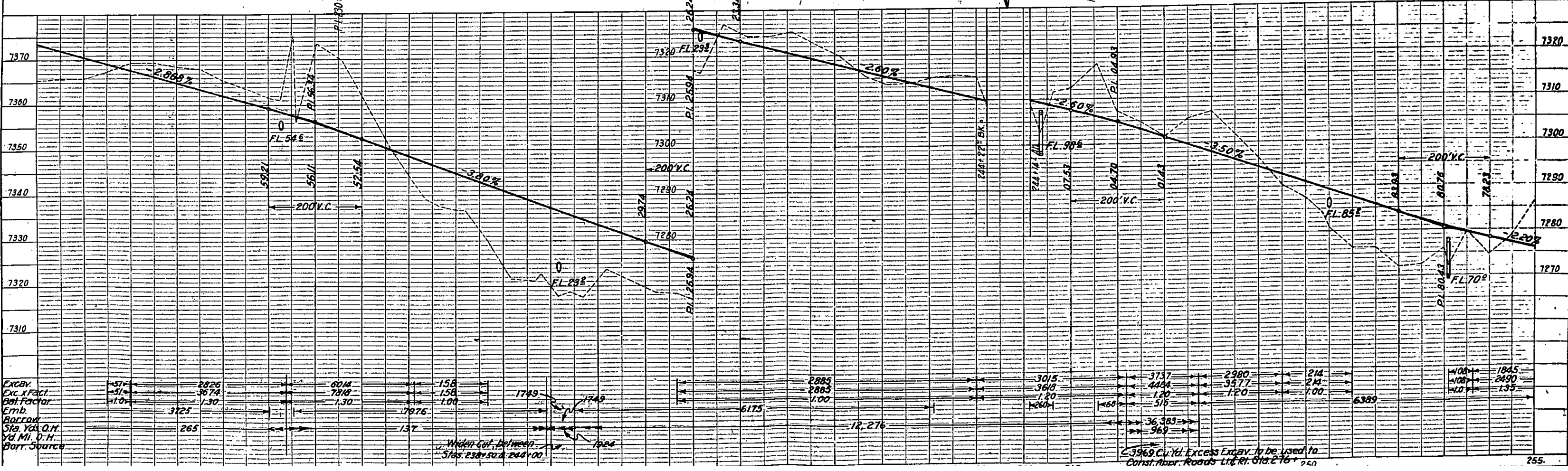
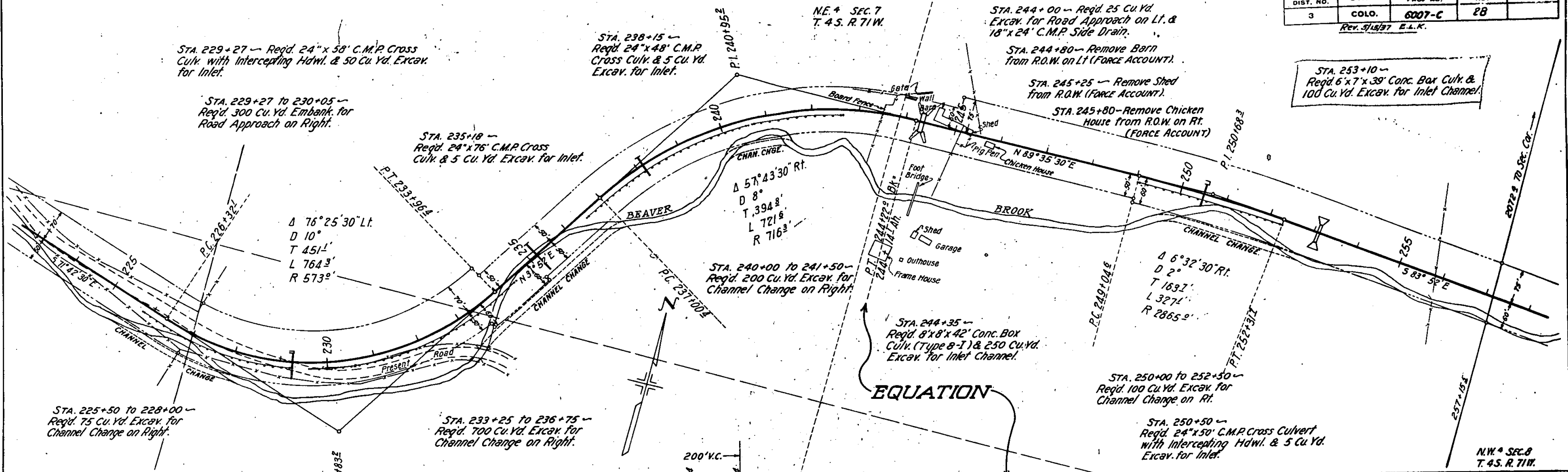
STA. 244+00 ~ Reg'd. 25 Cu. Yd. Excav. for Road Approach on Lt. & 18"x24" C.M.P. Side Drain.

STA. 244+80 ~ Remove Barn from R.O.W. on Lt. (FORCE ACCOUNT).

STA. 245+25 ~ Remove Shed from R.O.W. (FORCE ACCOUNT).

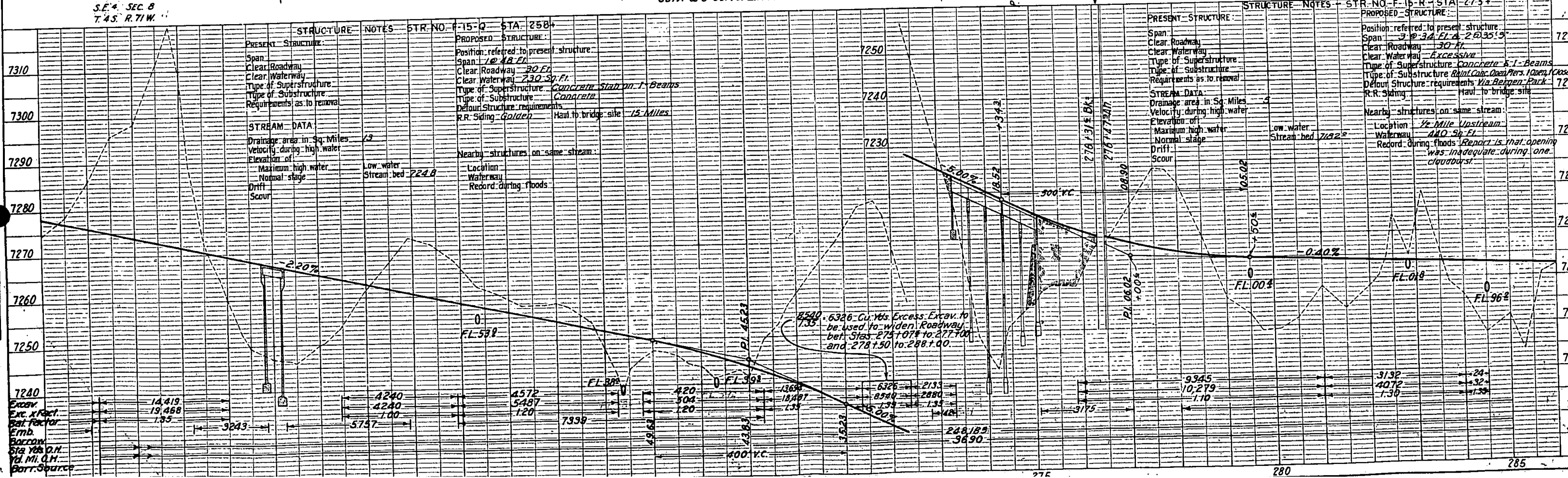
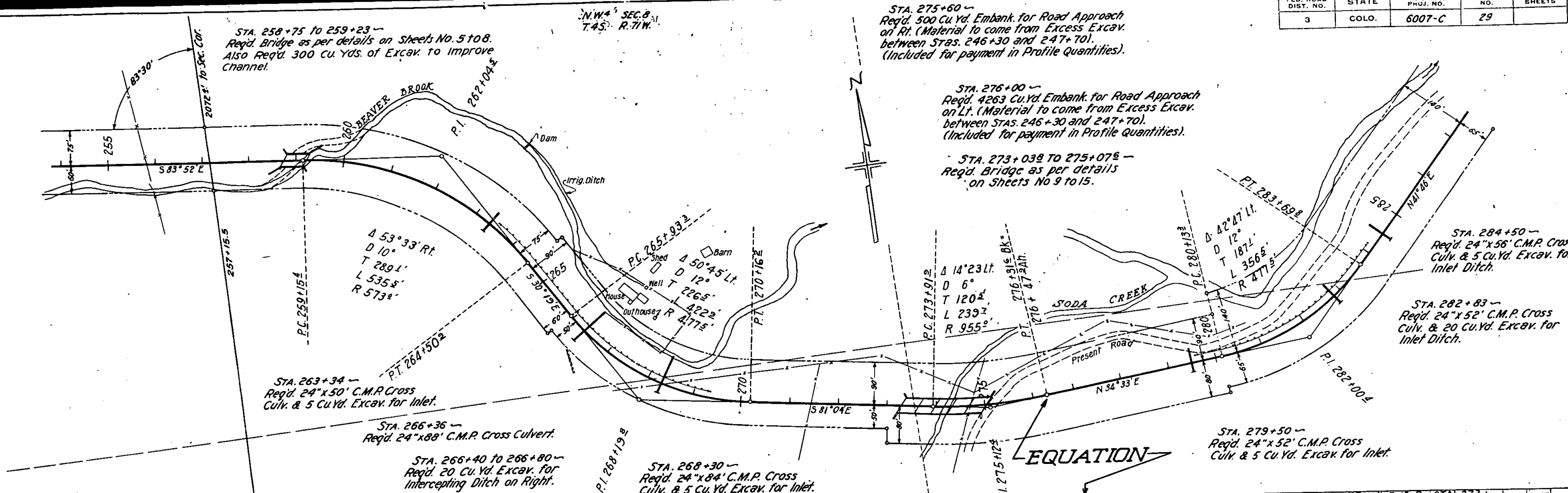
STA. 245+80 ~ Remove Chicken House from R.O.W. on Rt. (FORCE ACCOUNT).

STA. 253+10 ~ Reg'd. 6'x7'x39" Conc. Box Culv. & 100 Cu. Yd. Excav. for Inlet Channel.



Excav.	Exc. x Fac.	Emb.	Barrow	Sta. Vd. O.H.	Vd. Mi. O.H.	Bar. Source
51	2826	6018	158	1749	1749	
51	3674	7918	158	1749	1749	
1.0	3125	130	1.30	1776	1776	
	265		137		1924	
					6175	
					12,276	
					2885	
					2885	
					1.00	
					3015	
					3618	
					1.20	
					1260	
					3737	
					4484	
					1.20	
					515	
					2980	
					3577	
					1.20	
					214	
					214	
					1.00	
					6389	
					36,383	
					969	
					106	
					108	
					1.0	
					1845	
					2490	
					135	

3969 Cu. Yd. Excess Excav. to be used to Const. Appro. Roads Lt. & Rt. Sta. 276+250



FED. ROAD DIST. NO.	STATE	P.W.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	6007-C	30	

NOTE: BOOK ALIGNMENT CHECKED
RT. & WAY CHECKED

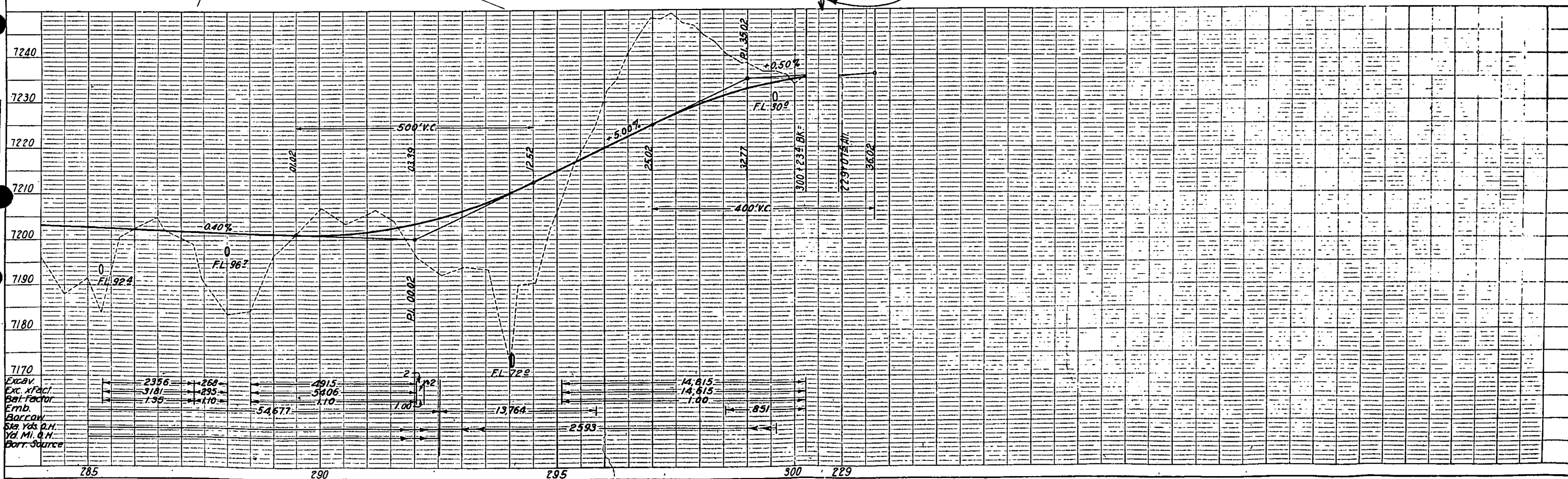
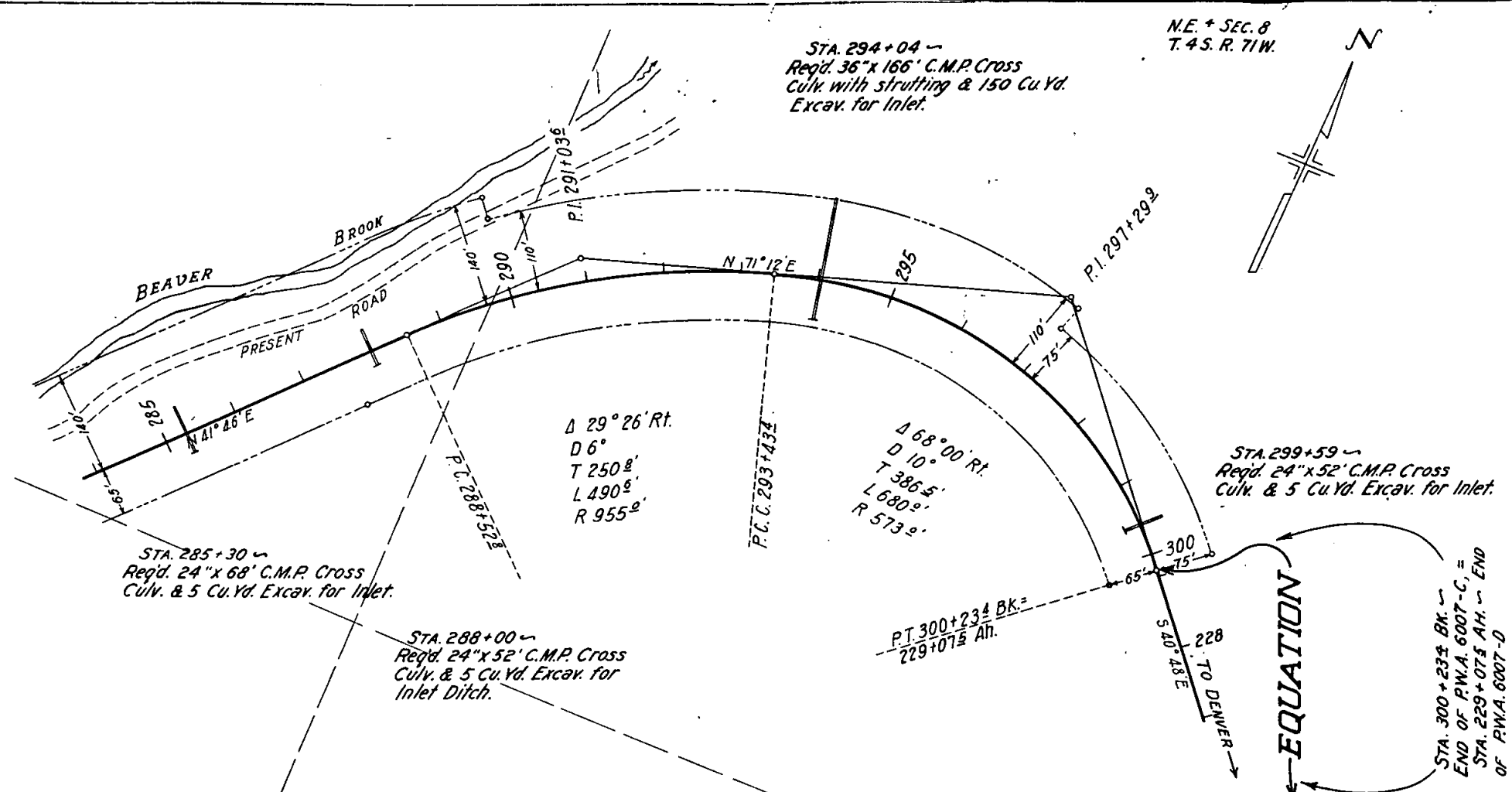


PLATE 1 - PLAN-PROFILE O.P.R. & P.E. STATIONED