

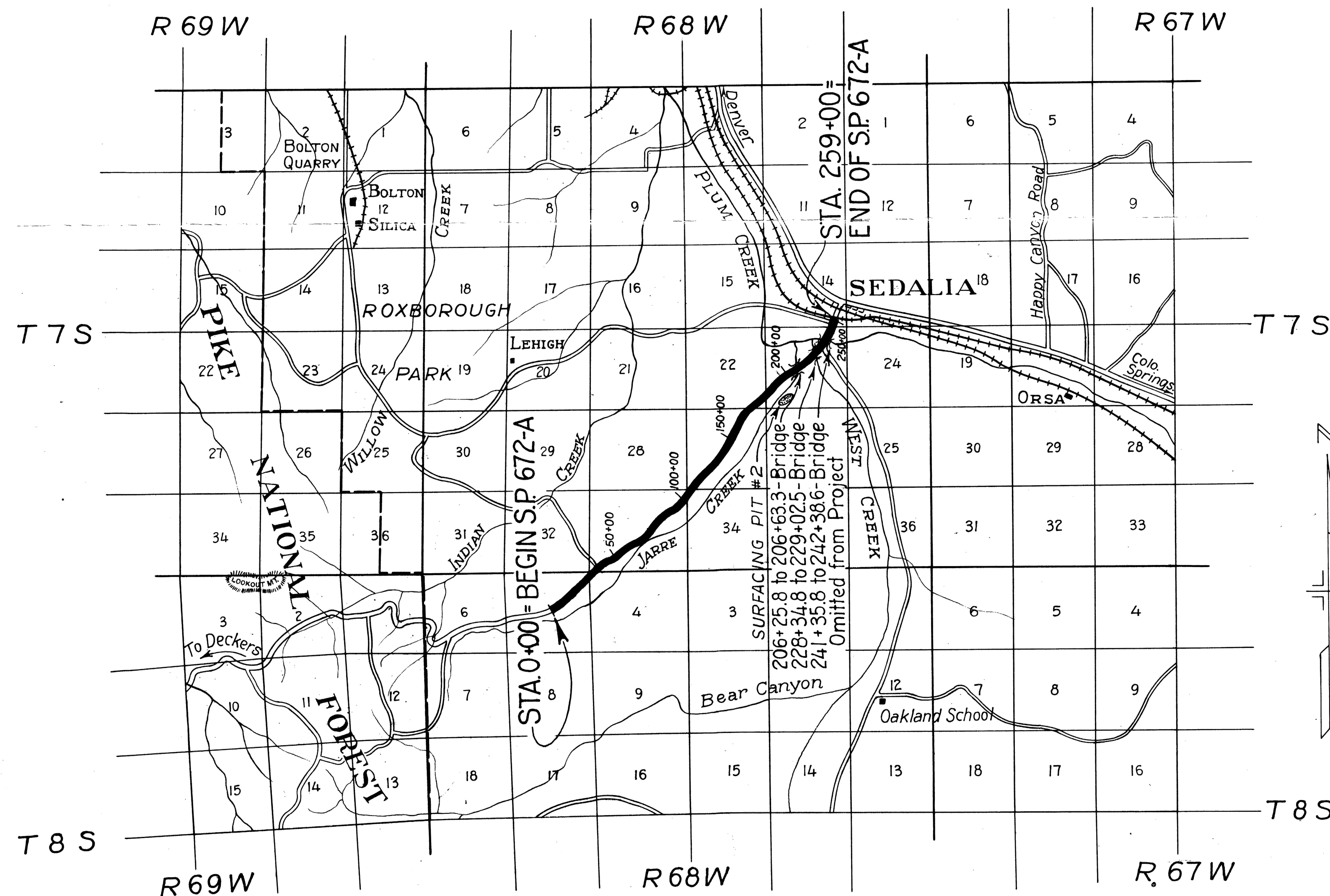
FED. ROAD DIST. NO.	STATE	STATE PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	672-A	1	

INDEX OF SHEETS	
Sheet 1	Title Sheet
" 2	Typical Section and Summary of Quantities
" 3	List of Structures
" 4	List of Fencing, Right-of-Way Markers and Guard Posts
" 5	Standard Headwalls for CMP culverts.....M-102-E
" 6	" Syphon Corrugated Galvanized Iron Pipe with Concrete Inlet and Outlet Boxes.....M-123-A
" 7	Standard Timber Guard Posts.....M-19-A
" 8	" Wire Fences with Steel Posts and Marker Posts.....M-27-A
" 9	" Methods for Superelevation and widening of Curves.....M-1-B
" 10	Typical Side Approach Roads and Construction Traffic Signs.....M-2-B
" 11-19	Plan and Profile Sheets
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COLORADO STATE HIGHWAY DEPARTMENT PLAN AND PROFILE OF PROPOSED STATE PROJECT NO. 672-A STATE HIGHWAY NO. 67 DOUGLAS COUNTY

CONVENTIONAL SIGNS	
Center Line	_____
Right of Way Line	_____
Township and Range Line	_____
Section Line	_____
Quarter Section Line	_____
Railroad	_____
Barbed Wire Fence	_____
Woven Wire Fence	_____
Wooden Guard Fence	_____
Pole Fence	_____
Telephone Line	_____
Power Line	_____

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 26,155.4 FT. = 4.953 MI.
NET LENGTH OF PROJECT 25,947.4 FT. = 4.914 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.
Ernest Montgomery.....Division Engr.....Colorado Spgs.
Glen McEldowney.....Resident Engr.....Colorado Spgs.

RECOMMENDED FOR APPROVAL 10-18-37
William J. McEldowney
ASSISTANT ENGINEER
APPROVED
STATE HIGHWAY ENGINEER

FENCING REQUIREMENTS

LOCATION	SIDE	REMOVE FENCE LIN. FT.	BUILD FENCE LIN. FT.		GATES EACH	
			B. W.	COMB.	B. W.	D'W'Y.
0+00 to 19+53 0+00 to 18+70 0+00 to 31+55 3+24 3+88	Right Left Right Right Left	2130 2030	1880 3155		/	/
9+55 9+84 19+00 26+70 to 31+55	Left Right Right Right				/	/
28+37 to 64+77 36+90 to 64+77 39+10 to 47+85 44+90 49+50 to 62+15	Left Left Right Left Right	2820 890	3650 875		/	
49+50 to 63+80 55+00 61+33 63+80 to 77+05	Right Lt. & Rt. Left Right		1430		2 /	
66+00 71+90 to 206+148 77+05 to 186+10 77+50 77+55 to 206+148	Right Left Right Left Right	13660	13455 10905		/	/
79+00 97+50 105+00 107+70	Right Left Right Right	13115			/	/
110+00 113+00 123+00 123+80 130+00	Left Right Left Right Right				/	/
142+50 143+50 151+50 154+00	Left Left Left Right				/	
157+60 157+90 163+00 167+00 174+00	Left Right Right Left Right				/	/
183+70 184+65 186+00 186+25	Left Right Right Left				2 /	/
186+30 to 206+148 186+40 199+00 205+75	Right Right Right Left		1995		/	/
Totals		37780	37345	1325	27	10

TIMBER GUARD POSTS

LOCATION	SIDE	SPACING	NO.
9+20 to 14+00	Right	30'	17
14+00 to 52+50	Left	30'	13
46+80 to 52+50	Right	30'	20
205+61.8 to 206+22.8	Lt. & Rt.	Bbge. Appr.	10
206+66.3 to 207+27.3	" "	" "	10
227+70.8 to 228+31.8	" "	" "	10
229+05.5 to 229+66.5	" "	" "	10
240+71.8 to 241+32.8	" "	" "	10
242+41.6 to 243+02.6	" "	" "	10
Total			110

ROW MARKERS

LOCATION	SIDE	NO.
0+00	Lt. & Rt.	2
8+69	Left	2
22+17	Left	2
26+70	Right	1
28+38	Left	1
29+16.6	Left	1
29+30	Left	1
30+01	Right	1
63+34	Right	1
64+76	Left	1
64+89	Left	1
71+90	Left	1
72+76	Right	1
84+00	Left	2
102+00	Right	1
103+28	Left	1
106+92	Left	1
107+45	Right	1
141+93	Right	1
142+68	Left	1
143+32	Right	1
143+67	Left	1
173+00	Left	1
173+76	Right	1
188+65	Right	1
189+42	Left	1
206+148	Lt. & Rt.	4
Total		34

PLAN	SURVEYED	BY	DATE
NO.	PLOTTED		
	NOTE BOOK		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

0+00 ~ Req'd. project marker and 25 cu. yds. emb. for appr. to project.

STA. 0+00 = BEGINNING OF S.P. - 672-A

3+24 ~ Req'd. 20 cu. yds. emb. for road approach on right.

PC. 2+95.3

3+88 ~ Req'd. 18"x28' C.M.P. side drain and 100 cu. yds. emb. for road appr. on left.

$\Delta = 114.60'$
 $D = 114.60'$
 $T = 114.60'$
 $L = 114.60'$
 $R = 114.60'$

5+22 ~ Remove 18"x28' C.M.P. on left.

PT. 8+15.3

9+00 ~ Req'd. 24"x48' C.M.P. cross culvert and 5 cu. yds. excav for inlet ditch.

9+84 ~ Req'd. 30 cu. yds. emb. for road approach on right.

PI. 11+54.1

11+65 ~ Remove 15"x32' C.M.P. on right.

11+50 to 15+50 ~ Req'd. 80 cu. yds. excav for intercepting ditch on Lt.

CLEARING AND GRUBBING
 10+15 to 14+00 Scrub Oak Lt.
 13+50 to 14+15 " " Rt.
 19+00 to 19+50 " " Lt.
 20+75 to 30+00 " " and Scattered Pine-Rt.

$\Delta = 51^{\circ}47'R$
 $D = 12^{\circ}00'$
 $T = 231.8'$
 $L = 431.5'$
 $R = 477.5'$

PT. 18+57.0

19+00 ~ Req'd. 10 cu. yds. uncl. excav for road appr. on the right.

PI. 20+46.5

$\Delta = 24^{\circ}15'L$
 $D = 7^{\circ}00'$
 $T = 175.9'$
 $L = 346.4'$
 $R = 818.6'$

PT. 22+17.0

23+50 ~ Remove 18"x32' C.M.P. Req'd. 24"x56' C.M.P. cross culv and 10 cu. yds. uncl. excav. for in-let and outlet ditches.

27+00 ~ Req'd. 24"x86' C.M.P. cross culvert.

27+37 ~ Remove 18"x28' C.M.P.

29+00 ~ Req'd. 50 cu. yds. uncl. excav for road approach on left.

Section Line 27+40.8

FED. ROAD DIST. NO.	STATE	STATE PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	672-A	11	

"B" LINE

$\Delta = 10^{\circ}50'L$
 $D = 3^{\circ}00'$
 $T = 181.1'$
 $L = 361.1'$
 $R = 1910.0'$

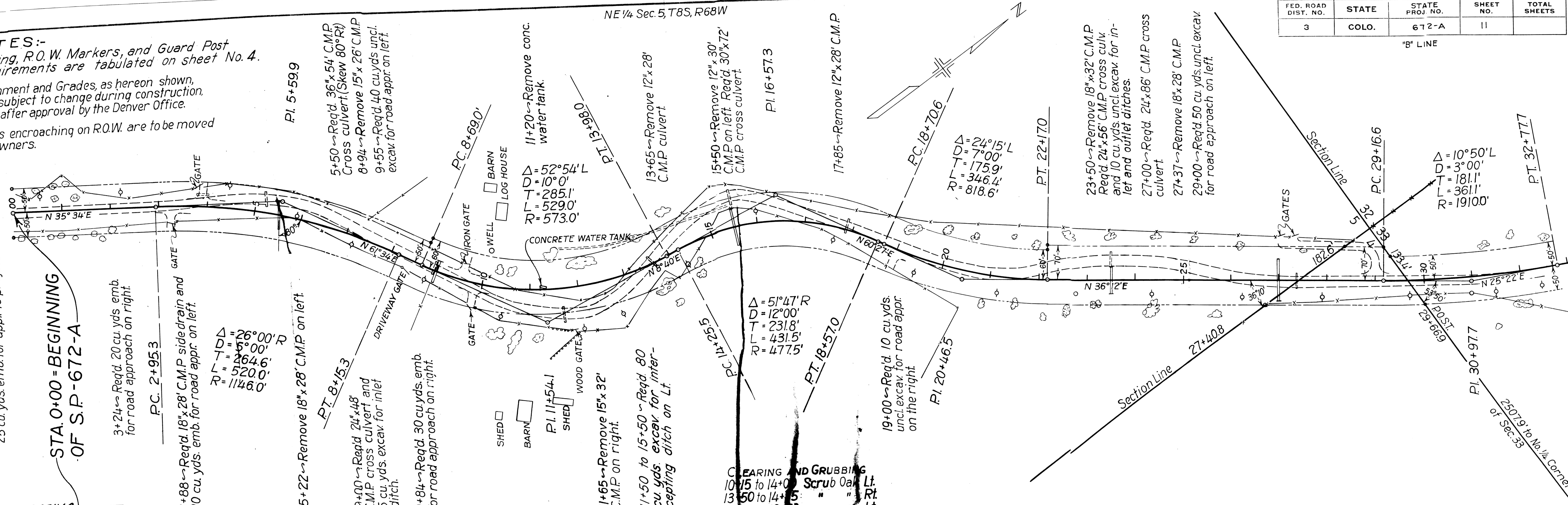
PI. 30+97.7

PT. 32+77.7

2507.9' to No. 1/4 Corner of Sec. 33

NW 1/4 Sec. 4, T8S, R68W

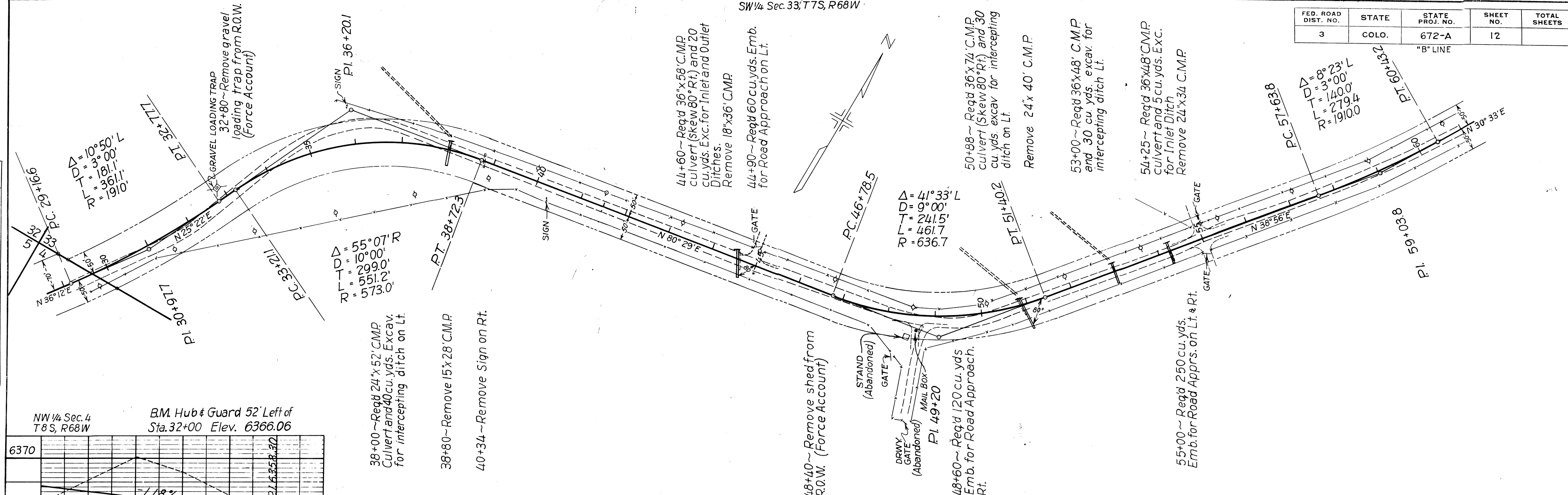
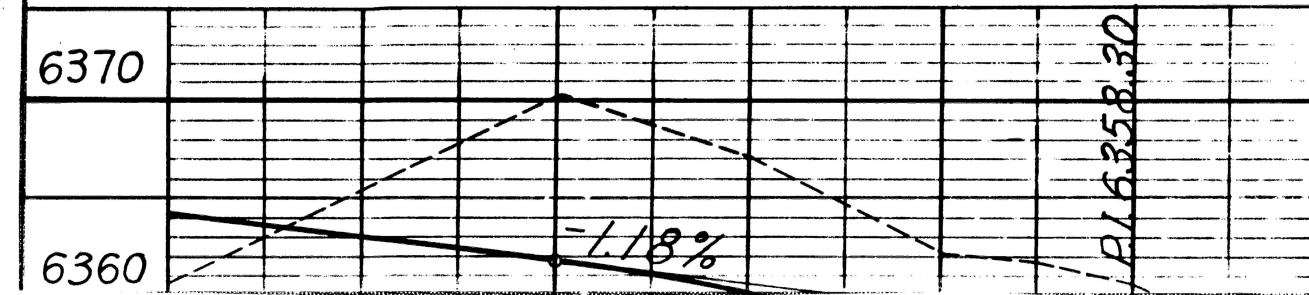
NOTES:-
 Fencing, R.O.W. Markers, and Guard Post requirements are tabulated on sheet No. 4.
 Alignment and Grades, as hereon shown, are subject to change during construction, only after approval by the Denver Office.
 Poles encroaching on R.O.W. are to be moved by owners.



PLAN	SURVEYED	BY	DATE
NOTE BOOK NO.	PLOTTED		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

NW 1/4 Sec. 4
T8S, R68W

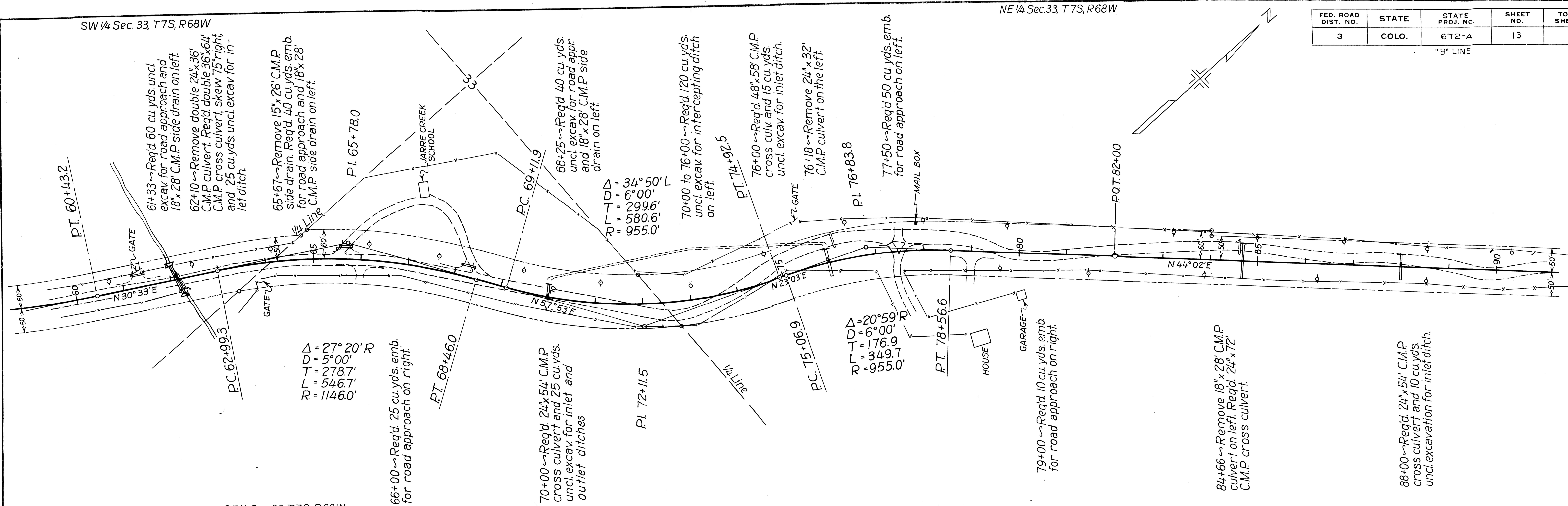
B.M. Hub & Guard 52' Left of
Sta. 32+00 Elev. 6366.06



FED. ROAD DIST. NO.	STATE	STATE PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	672-A	12	

"B" LINE

PLAN	SURVEYED	BY	DATE
	PLOTTED _____		
NOTE BOOK	ALIGNMENT CHECKED _____		
NO.	R.T. OF WAY CHECKED _____		



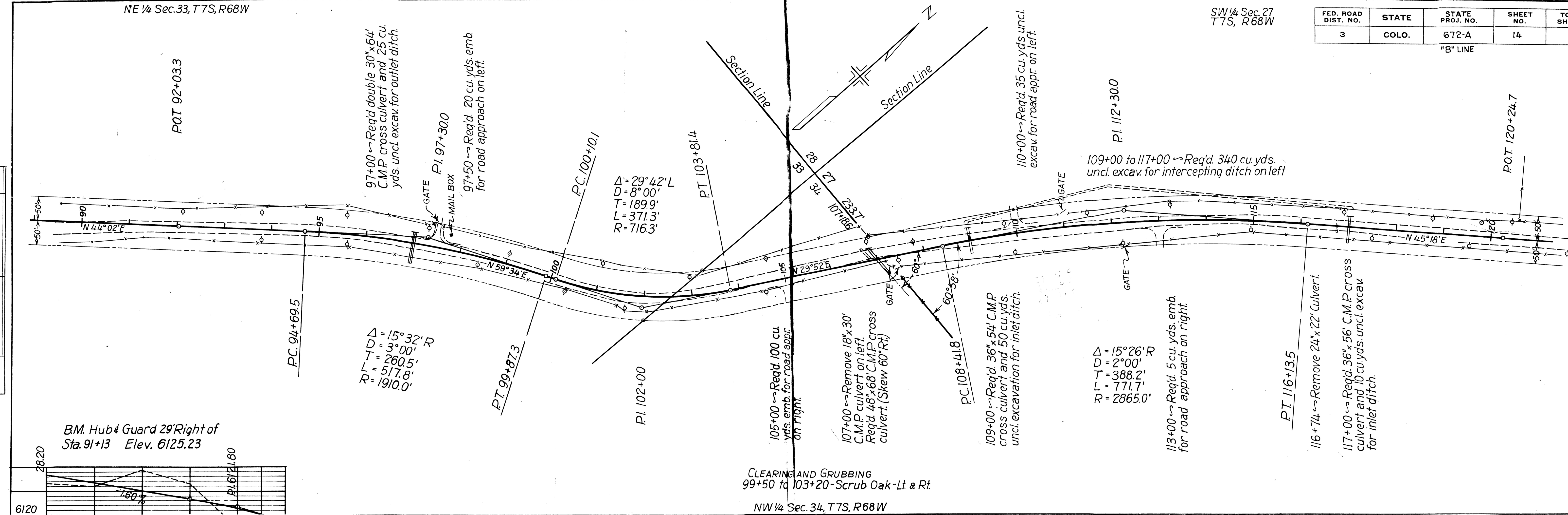
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		
	NO.		

NE 1/4 Sec.33, T7S, R68W

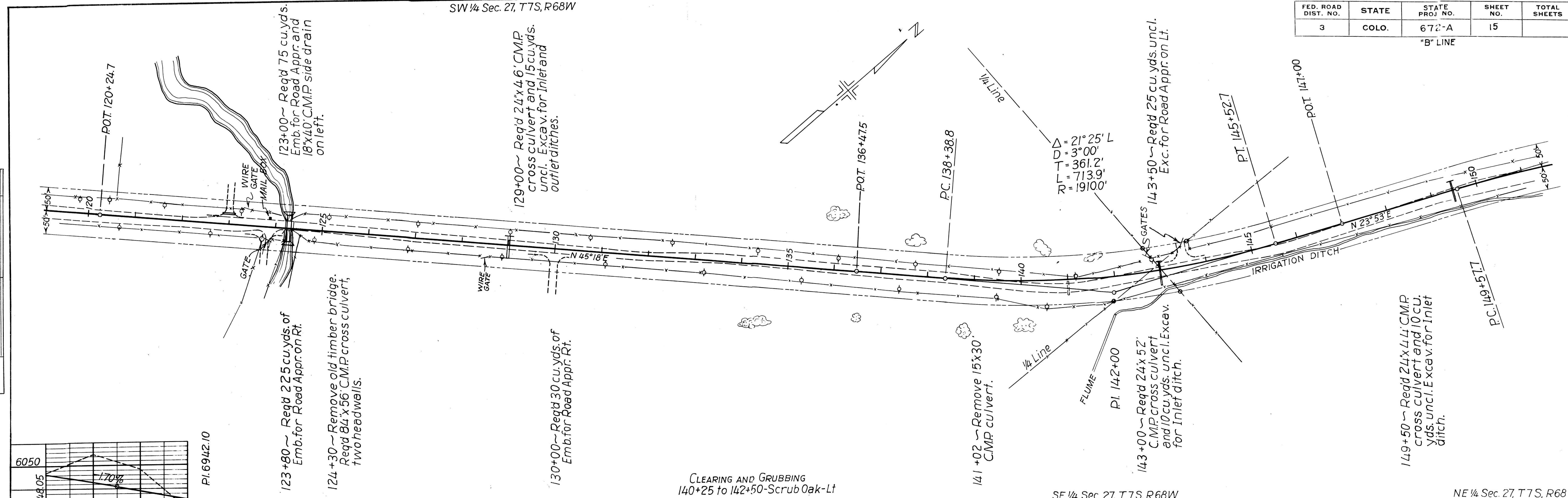
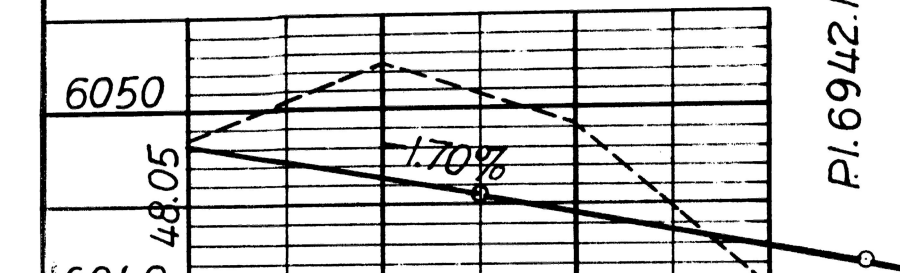
SW 1/4 Sec. 27
T7S, R68W

FED. ROAD DIST. NO.	STATE	STATE PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	672-A	14	

"B" LINE



PLAN	SURVEYED	BY	DATE
NO.	PLOTTED		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		



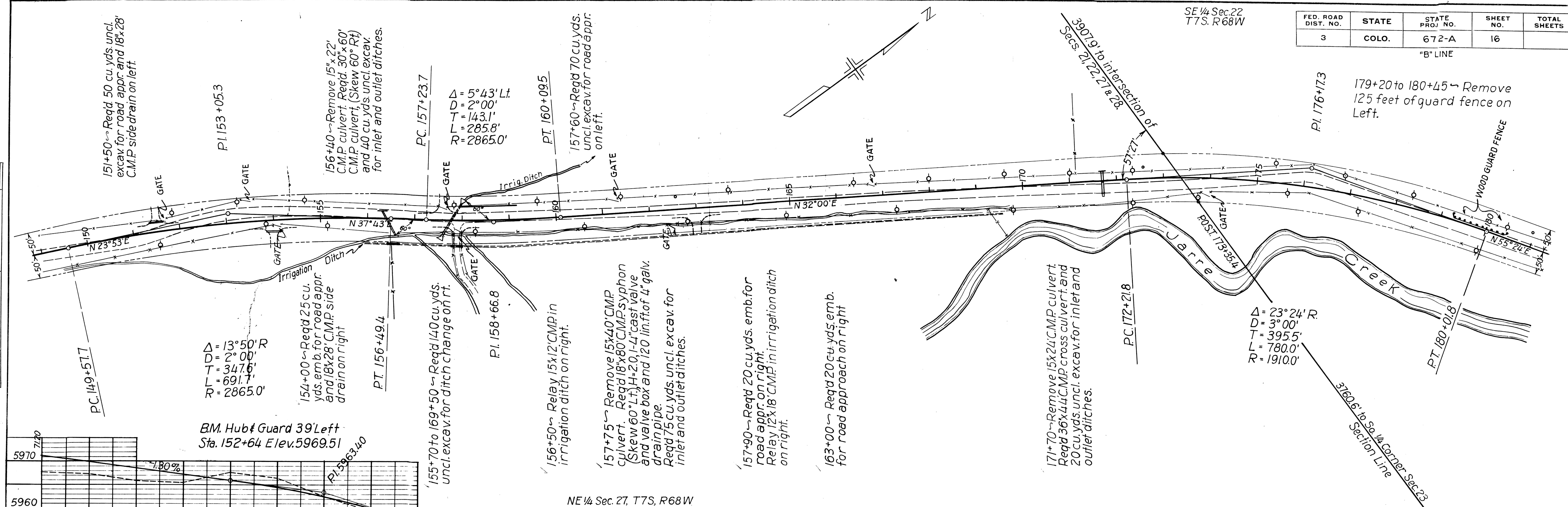
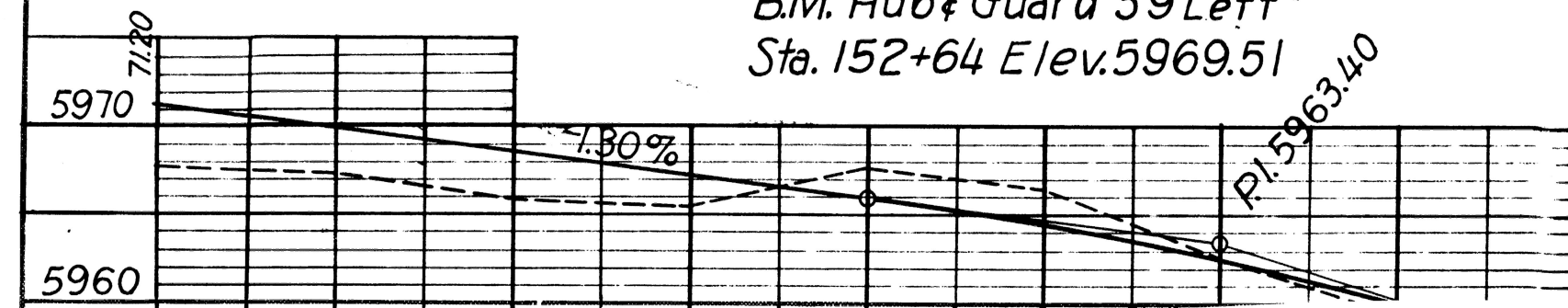
FED. ROAD DIST. NO.	STATE	STATE PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	672-A	15	

"B" LINE

CLEARING AND GRUBBING
140+25 to 142+50-Scrub Oak-Lt

NE 1/4 Sec. 27, T7S, R68W

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

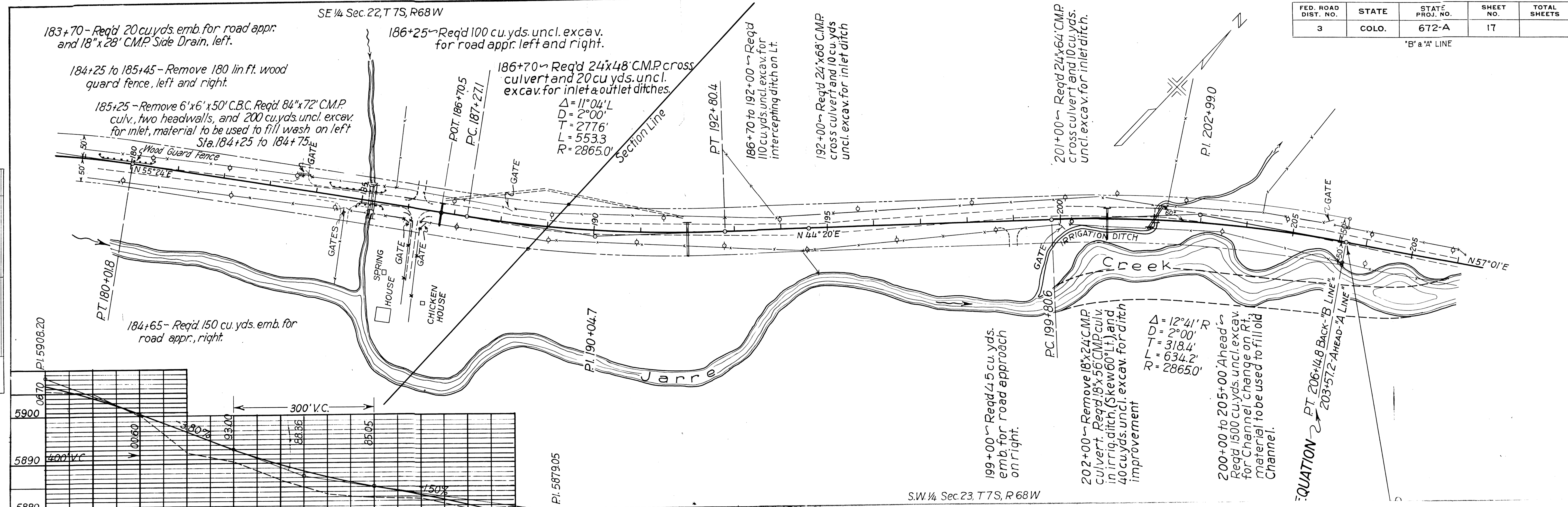


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3	COLO.	672-A	16	

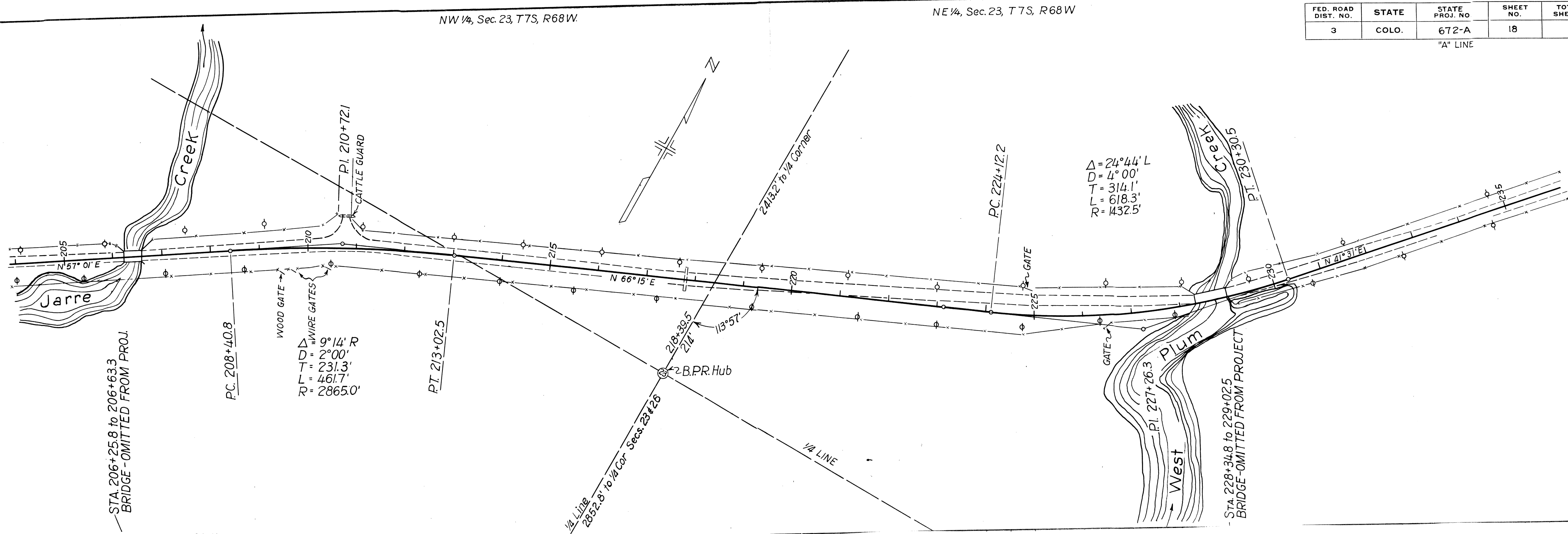
"B" LINE

NE 1/4 Sec. 27, T7S, R68W

PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	RT. OF WAY CHECKED		



PLAN	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
NO.		



FED. ROAD DIST. NO.	STATE	STATE PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	672-A	18	

"A" LINE

PLAN	SURVEYED _____ BY _____ DATE _____
NOTE BOOK	PLOTTED _____
NO.	ALIGNMENT CHECKED _____
	RT. OF WAY CHECKED _____

FED. ROAD DIST. NO.	STATE	STATE PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	672-A	19	

"A" LINE

