

FED. ROAD DIST. NO.	STATE	STATE PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	823 C	1	

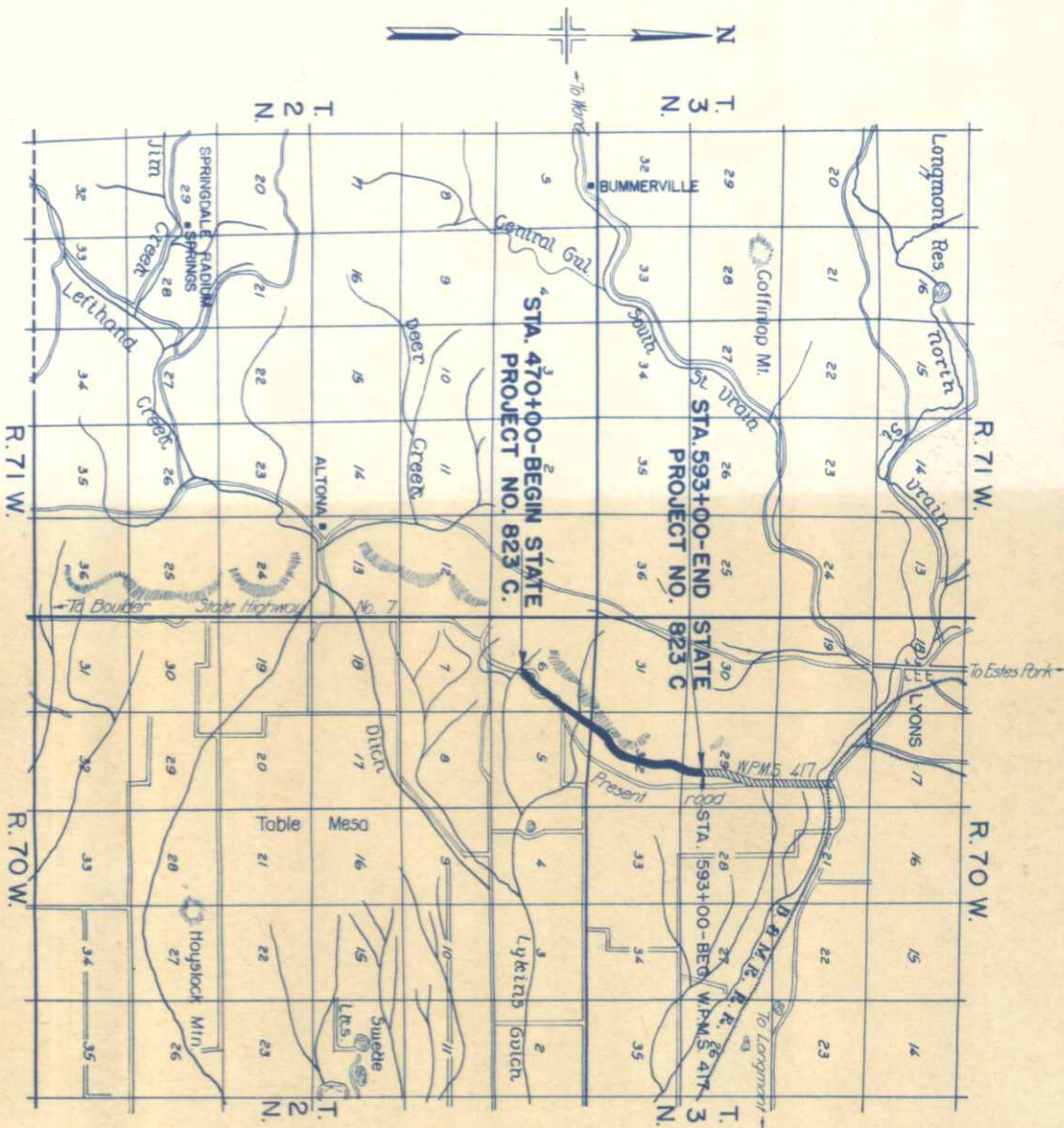
COLORADO

INDEX OF SHEETS

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1	Sketch Map and Title	
2	Typical Section & Summary of Approximate Quantities	
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STATE HIGHWAY DEPARTMENT PLAN AND PROFILE OF PROPOSED STATE PROJECT NO. 823 C STATE HIGHWAY NO. 7 BOULDER COUNTY

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 12,281.2 FT. = 2.325 MI.
NET LENGTH OF PROJECT



CONVENTIONAL SIGNS

CENTER LINE OF SURVEY	235
RIGHT OF WAY LINE	
SECTION LINE	
ONE QUARTER SECTION LINE	
TOWNSHIP LINE	
TELEPHONE LINE	
FENCE	
PRESENT ROAD	

AS CONSTRUCTED PLANS
RETURN TO DIST. 4 DESIGN

NOTE

It is recommended that bidders on this project go over the plan details with one of the following field representatives of this department:
Roy J. Randall, Division Engineer, Greeley, Colorado

RECOMMENDED FOR APPROVAL 9/3/36
APPROVED
Assistant Engineer
STATE HIGHWAY ENGINEER

Note: All poles encroaching on construction are to be moved by owners. Gates, fencing requirements, and right of way markers are indicated on sheet No. 3

SE 1/4 Sec 6
T2N R70W

NE 1/4 Sec 6
T2N R70W

FED. ROAD DIST. NO.	STATE	STATE PROJ. NO.	SHEET NO.	TOTAL SHEETS
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Sta 470+00 ~ Req'd Project marker & 100 cu yds Uncl. Excav for approach to project.

$\Delta 21^{\circ}58' L$
 $T 278^{\circ}$
 $L 544.2$
 $R 1432.5$

Sta 496+60 ~ Req'd 18x36 C.M.P. side drain & 300 cu yds Embankment for road approach LI

Sta 498+53 ~ Req'd 24x278' Masonry culvert to remain in place.

Sta 499+60 ~ Req'd 18x26 C.M.P. side drain & 50 cu yds Emb. for rd appn. Rt

Sta 493+70 ~ Req'd 24x56 C.M.P. cross culvert & 50 cu yds Uncl. Excav for ditches.

Sta 493+70 to 496+00 ~ Req'd 400 cu yds Uncl. Excav for ditch ch. LI

Sta 490+50 ~ Req'd 400 cu yds Uncl. Excav for road appn. Rt & remove and re-lay 24x28 C.M.P. side drain.

Sta 492+00 to 493+70 ~ Req'd 40 cu yds Uncl. Excav for ditch change Rt.

Sta 496+40 ~ Req'd 24x80 C.M.P. cross culvert (Shew 45') & 50 cu yds Uncl. Excav for ditches & remove 18x42' W. clay tile pipe culvert

Sta 475+87 ~ Req'd 18x88' C.M.P. culvert to remain in place.

Sta 472+180 ~ Req'd 54x318x68 Masonry culvert to remain in place

Sta 472+125 to 473+20 ~ Req'd 20 cu yds Uncl. Excav for ditch change Rt.

Sta 472+00 to 477+02 ~ Req'd 2'-50.4' ft lengths Guard fence LI & Rt

Sta 472+125 to 473+20 ~ Req'd 20 cu yds Uncl. Excav for ditch change Rt.

Sta 472+180 ~ Req'd 54x318x68 Masonry culvert to remain in place

Sta 475+87 ~ Req'd 18x88' C.M.P. culvert to remain in place.

Sta 472+125 to 473+20 ~ Req'd 20 cu yds Uncl. Excav for ditch change Rt.

Sta 472+00 to 477+02 ~ Req'd 2'-50.4' ft lengths Guard fence LI & Rt

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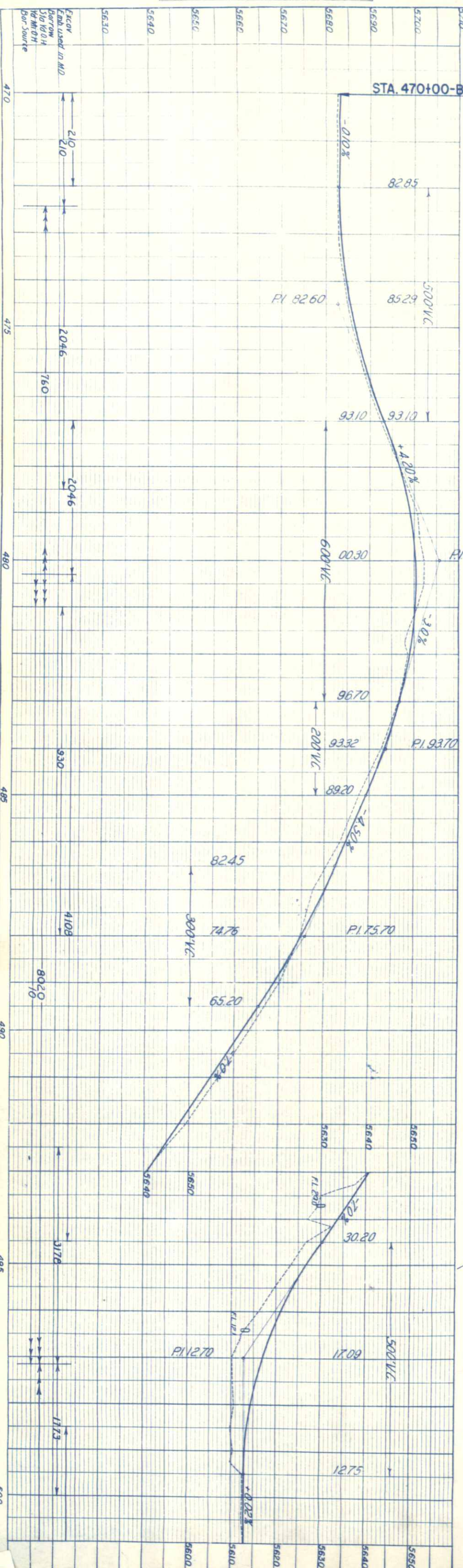
Sta 472+125 to 473+20 ~ Req'd 20 cu yds Uncl. Excav for ditch change Rt.

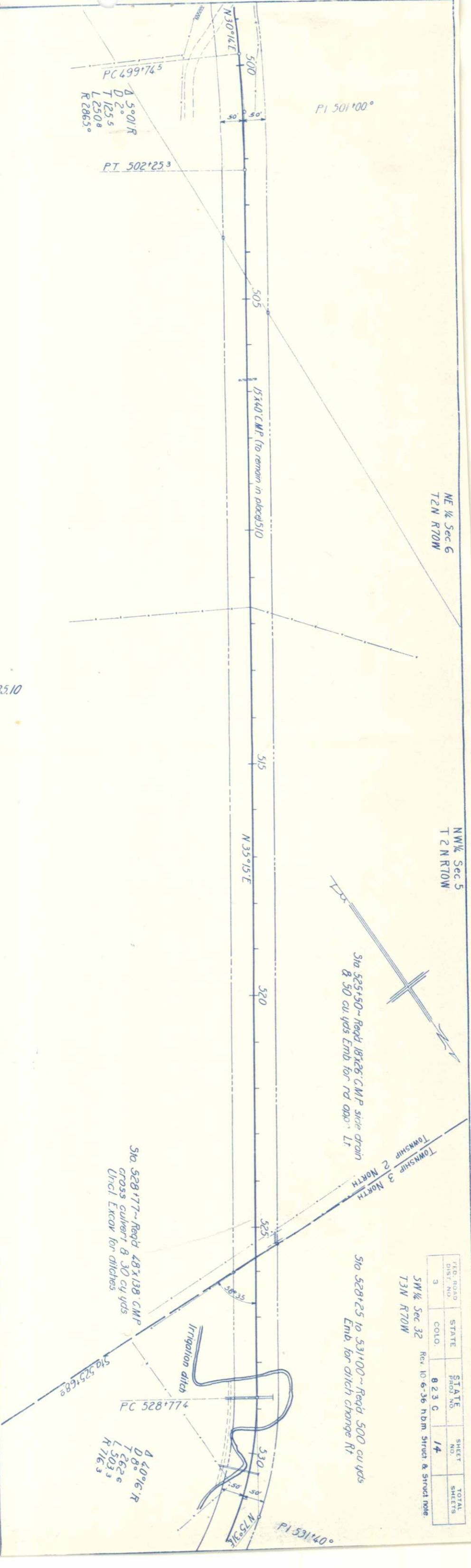
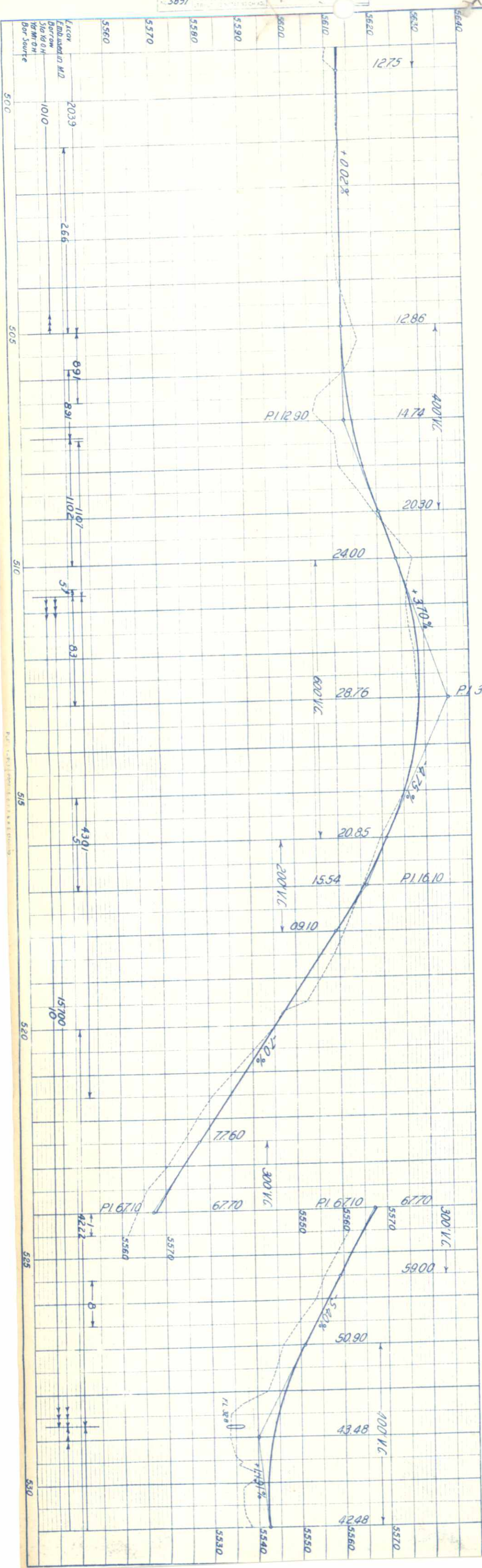
Sta 472+00 to 477+02 ~ Req'd 2'-50.4' ft lengths Guard fence LI & Rt

Sta 472+180 ~ Req'd 54x318x68 Masonry culvert to remain in place

Sta 475+87 ~ Req'd 18x88' C.M.P. culvert to remain in place.

STA. 470+00-BEGIN STATE PROJ. NO. 823 C





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3	COLO.	823 C	14	

SW 1/4 Sec 32 T3N R70W

Rev. 10-6-36 hbm Struct. & Struct. note

Sta 525+50 - Road 18x26 C.M.P. side drain & 50 cu. yds Emb. for rd app. Lt

Sta 528+25 to 531+00 - Road 500 cu yds Emb. for ditch change Rt

Sta 528+77 - Road 48x138 C.M.P. cross culvert & 30 cu yds Uncl. Excav. for ditches

Irrigation ditch

FED. ROAD DIST. NO.	STATE	STATE PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	823 C	15	

SW 1/4 Sec. 32
T3N R70W

P1531400

$S 10.560^{\circ} 04'$
 $S. 84^{\circ} 14' E$

NE 1/4 Sec. 32
T3N R70W

SE 1/4 Sec 32
T3N R70W

Sta. 530+40 ~ Req'd. 18"x92" C.M.P. cross culvert
 & 30 cu yds. Uncl. Excav. for ditches

Sta. 531+00 ~ Req'd. 30 cu yds. Emb. for Dike Rt.

510 539+00 ~ Req'd 18"x26' C.M.P. side drain &
100' outside the E.x for road approach LI

$\Delta 28^{\circ}00' L$
 $D 6^{\circ}$
 $T 238'$
 $L 4667$
 $R 955^{\circ}$

Sta. 542+30 ~ Reg'd Special Manhole, man-
hole ring and cover. & 16"x3' 14 ga.
perforated galvanized steel well casing
Details on Sheet No 12

510 542130 to 542190 ~ Req'd 2"x60' stand-

Sta 542+40 ~ Req'd 6' x 7' x 42'
CBC & 100 cu yds Uncl
Excav for ditches

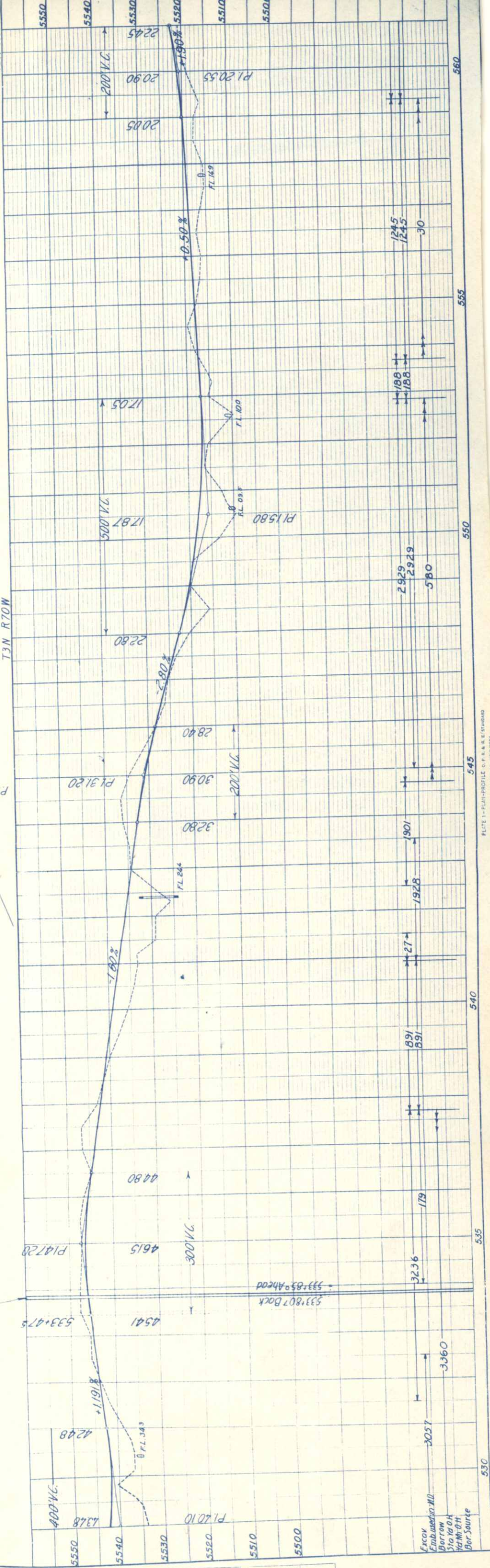
Sto 542+90~Reqd Special catch
basin for spring outlet.
Details on Sheet No 12

$\Delta D 33^{\circ}00' L$
 $\Delta D 8^{\circ} 2' 212^{\circ}$
 $L 412^{\circ}$
 $R 716^{\circ}$

A 40°16'R
D 8°26'E
T 2626
L 5033
R 7

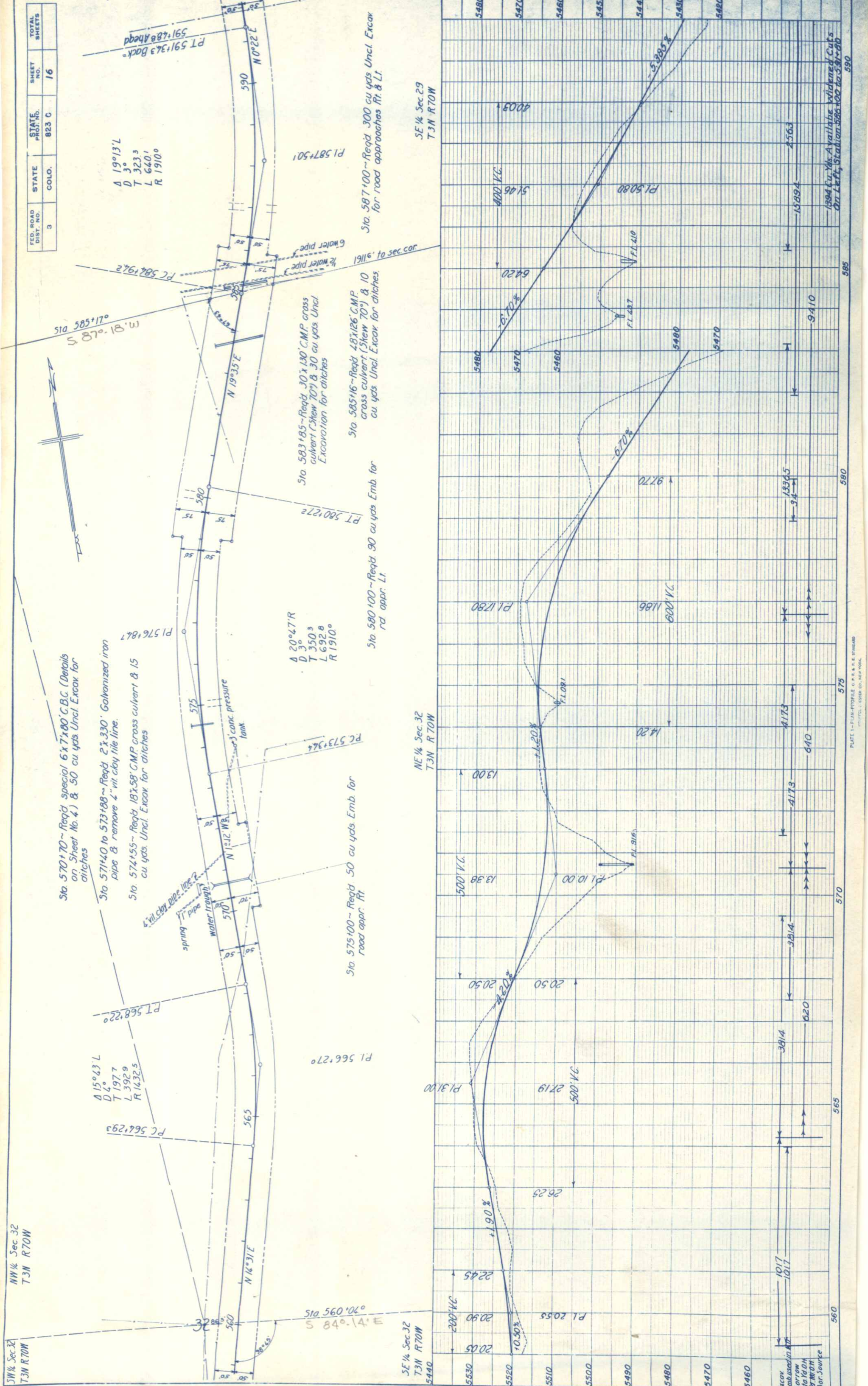
EQUATION

EQUATION



PLAN	DATE	BY	NO. 5896
SUBMITTED			
NOTED			
CHECKED			
APPROVED			

PROFILE	DATE	BY	NO. 5897
SUBMITTED			
NOTED			
CHECKED			
APPROVED			



SE 1/4 Sec. 29
T.3 N. R. 70 W.

Sta. 593+00 ~ Req'd. Project marker.



A 19°13' L
D 3°
T 323.3
L 640.1
R 19100

PT 591+34.3 Back
591+48.8 Ahead

STA. 593+00-END STATE PROJ. NO. 823 C
= BEGIN U.S.W.P.H. PROJ. NO. W.P.M.S. 417

EQUATION

591+34.3 Back
591+48.8 Ahead

PC 598+330

A 15°47' R
D 2°
T 397.1
L 789.2
R 28650

PT 606+222

N 16°08' E

600

595

722.0 N

590

50'

50'

590

595

600

605

Finch
Embankment in MD
Bottom
5 to 10 ft
10 ft
Bar source

PROFILE
NO. 100
NOTE: ELEVATION
CHECKED
DATE
BY

PLAN
NO. 100
NOTE: ELEVATION
CHECKED
DATE
BY

FED. ROAD DIST. NO.	STATE	STATE PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	823 C	17	

5410
5430
5420
5410
5400
5390