

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
3	COLO.	54 F	1

INDEX OF SHEETS

- SHEET NO. 1 SKETCH MAP AND TITLE SHEET
- 2 TYPICAL SECTION AND SUMMARY OF APPROXIMATE QUANTITIES
- 3 LIST OF STRUCTURES R.O.W. MARKERS & FENCING REQUIREMENTS
- 4 DETAILS OF BRIDGE STA 1290+
- 5 DETAILS OF BRIDGE STA 1692+
- 6 STANDARD HEADWALLS FOR C.M.P. CULVERTS M102 E
- 7 STANDARD TIMBER GUARD POSTS M19 A
- 8 STANDARD SEMI RIGID METAL PLATE GUARD FENCE M21 A
- 9 STANDARD FLEXIBLE METAL PLATE GUARD FENCE M22 A
- 10 STANDARD WIRE FENCES WITH STEEL POSTS & MARKER POSTS M27 A
- 11 STANDARD PICKET SNOW FENCE WITH STEEL POSTS M25 B
- 12 STANDARD STRUCTURE NUMBER LETTERING M10 A
- 13 STANDARD METHODS FOR SUPERELEVATION & WIDENING OF CURVES M1 B
- 14 TYPICAL SIDE APPROACH ROADS/ROADWAY CONSTRUCTION TRAFFIC SIGNS M2 B
- 15 TO 31 PLAN AND PROFILE
- 32 TO 108 CROSS SECTIONS

COLORADO

STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. 54 F STATE HIGHWAY NO. 8 PARK COUNTY

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 49,722.6 FT = 9.417 MI

NET LENGTH OF PROJECT

CONVENTIONAL SIGNS

CENTER LINE OF SURVEY 650

RIGHT OF WAY LINE

SECTION LINE

ONE QUARTER SECTION LINE

BARBED WIRE FENCE

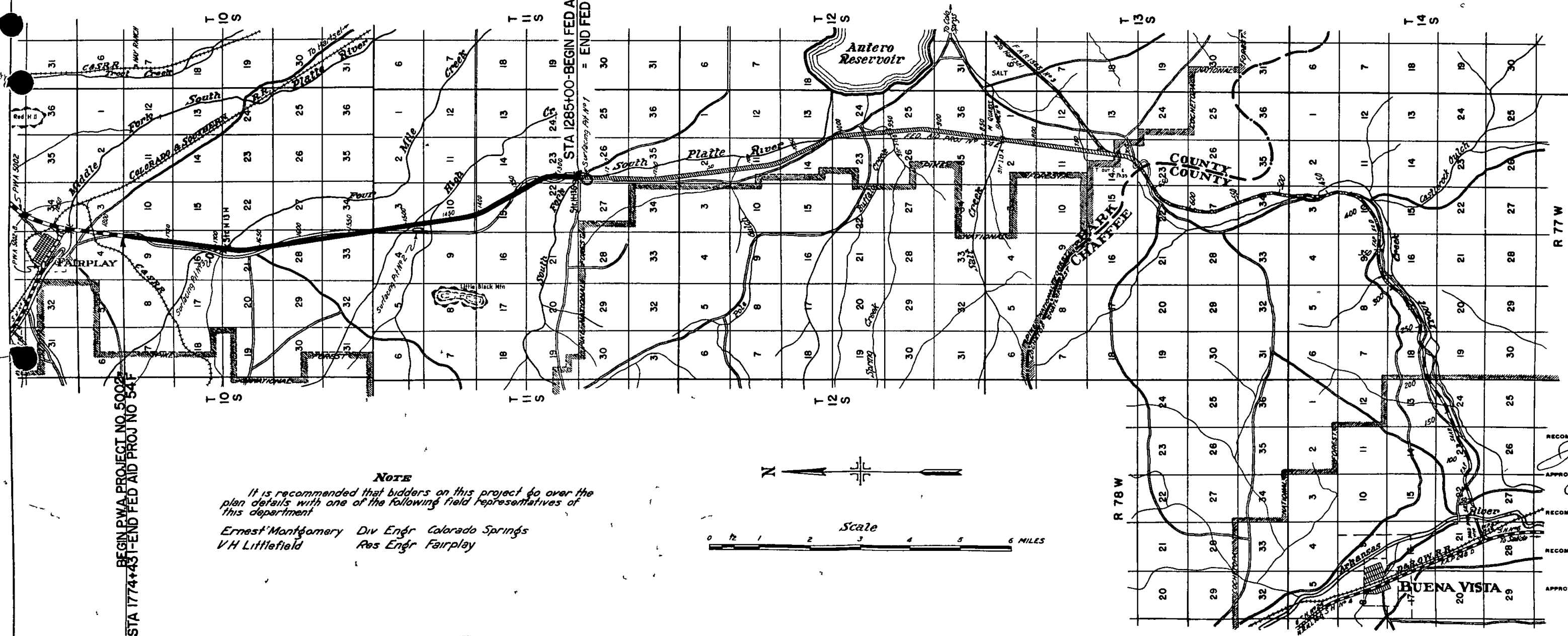
RAILROAD TRACKS

TELEPHONE POLES

PRESENT ROAD

COUNTY LINE

TOWNSHIP LINE



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 Div Engr Colorado Springs
V.H. Littlefield Res Engr Fairplay



Scale 0 1 2 3 4 5 6 MILES

RECOMMENDED FOR APPROVAL

APPROVED

RECOMMENDED FOR APPROVAL

DIST. ENG. BUREAU PUBLIC

RECOMMENDED FOR APPROVAL

CHIEF ENG. BUREAU PUBLIC

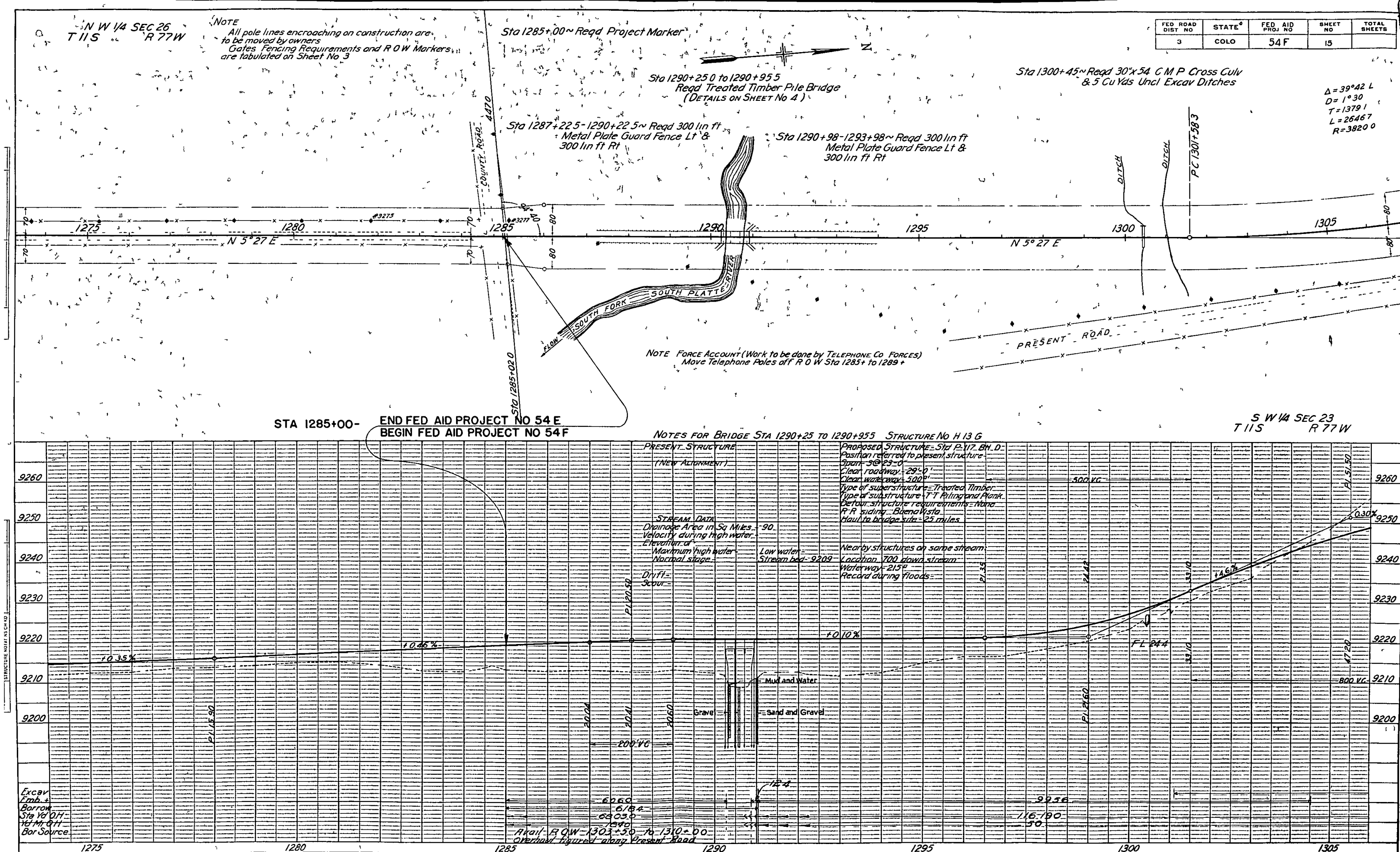
APPROVED

DIRECTOR BUREAU PUBLIC

NOTE
All pole lines encroaching on construction are
to be moved by owners
Gates, Fencing Requirements and ROW Markers
are tabulated on Sheet No 3

FED ROAD DIST NO	STATE ⁰	FED AID PROJ NO	SHEET NO	TOTAL SHEETS
3	COLO	54 F	15	

$\Delta = 39^{\circ}42' L$
 $D = 1^{\circ}30'$
 $T = 13791$
 $L = 26467$
 $R = 38200$



NE 1/4 SEC 22
T11S R77W

Sta 1311+40 ~ Req'd 150 Cu Yds
Embank Road Appr Rt & Lt

$\Delta = 39^{\circ}42'$
 $D = 1^{\circ}30'$
 $T = 13791$
 $L = 26467$
 $R = 38200$

Sta 1313+93 ~ Reg'd 25 Cu Yds Uncl Excav
& 10 Cu Yds Embank Road Appr &
18' x 32' C M P Side Drain Lt

Sta 1319+00 ~ Remove 4x2x18 W B C

Sta 1327+25 ~ Remove 18' x 24 CMP

Sta 1327+45 ~ Req'd 24'x60 C M P Cross Culv
& 10 Cu Yds Uncl Excav Ditches

Sta 1309+ ~ Move Shed, Corral & Well off R O W
(FORCE ACCT No FED AID)

Sta 1311+03 ~ Reg'd 24"x64' C M P Cross
Culv & 5 Cu Yds Uncl Excav Outlet

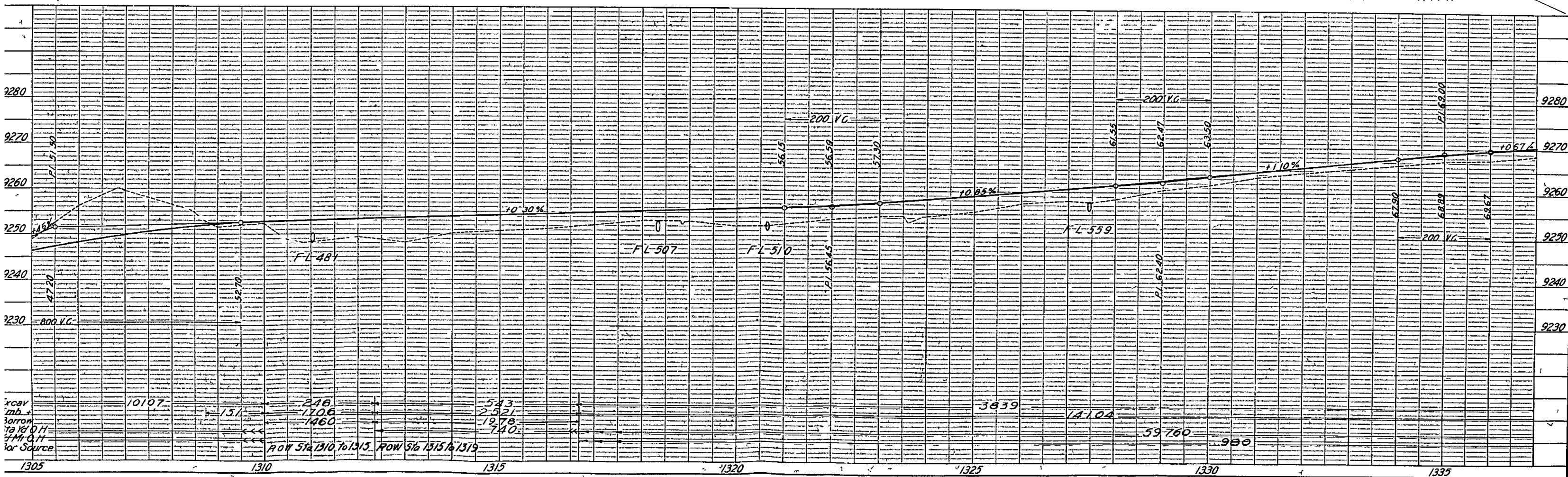
/Sta 1312+ ~Move Bunk House off
Right of Way
(FORCE ACCOUNT-NO FED AID)

Sta 1313+20 to 1319+40 ~ Req'd 90 Cu Yds Uncl
Excav Ditch Change Rt & Lt

Sta 1320+67~ Req'd 24 x60 C M P Cross Culv,
10 Cu Yds Uncl Excav Ditches
& Remove 2x2x22 W B C

Sta 1325+ to 1356+ ~ Req'd Obliterate old Road
(FORCE ACCT)

NW 1/4 SEC 23
T11S R77W



N E 1/4 SEC 22
T11S R77W

S E 1/4 SEC 15
T11S R77W

FED ROAD DIST NO	STATE	FED AID PROJ NO	SHEET NO	TOTAL SHEETS
3	COLO	4-54 F	17	

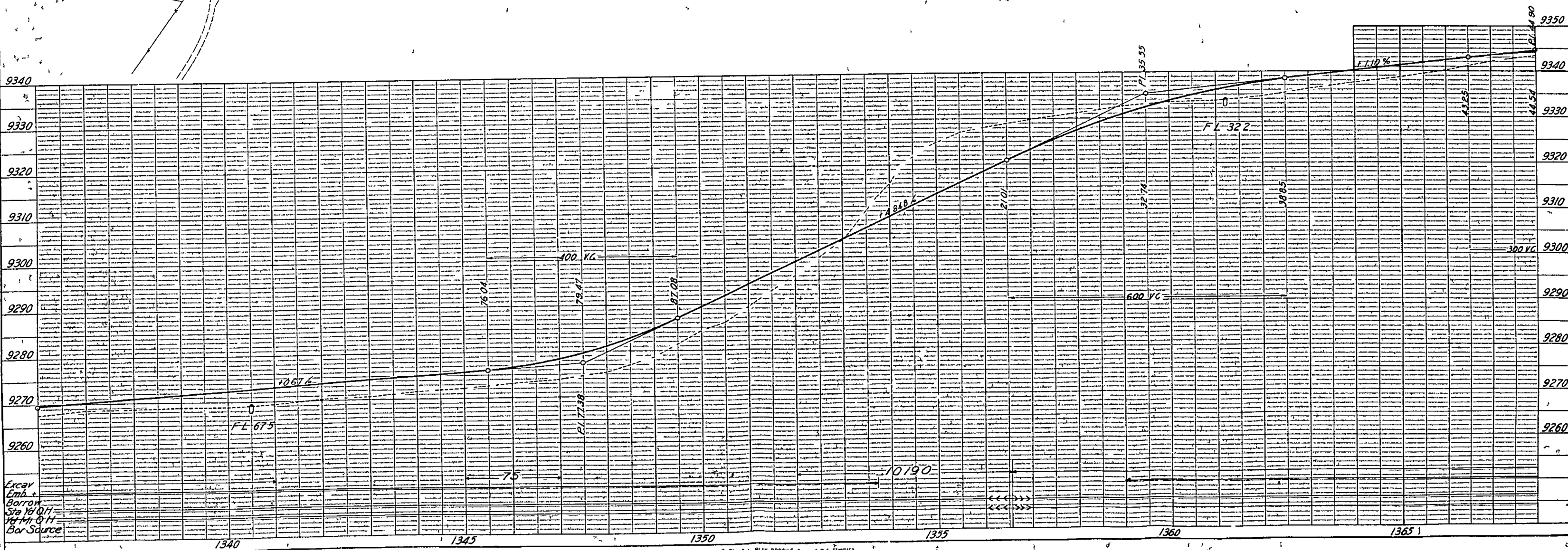
Sta 1340+50 ~ Req'd 24"x54 C M P Cross
Culv & 10 Cu Yds Uncl Excav Ditches

Sta 1342+10 ~ Req'd 150 Cu Yds Embank
Road Approaches Rt & Lt

Sta 1353+20 to 1359+22 ~ Req'd 602 Lin Ft
Snow Fence Lt

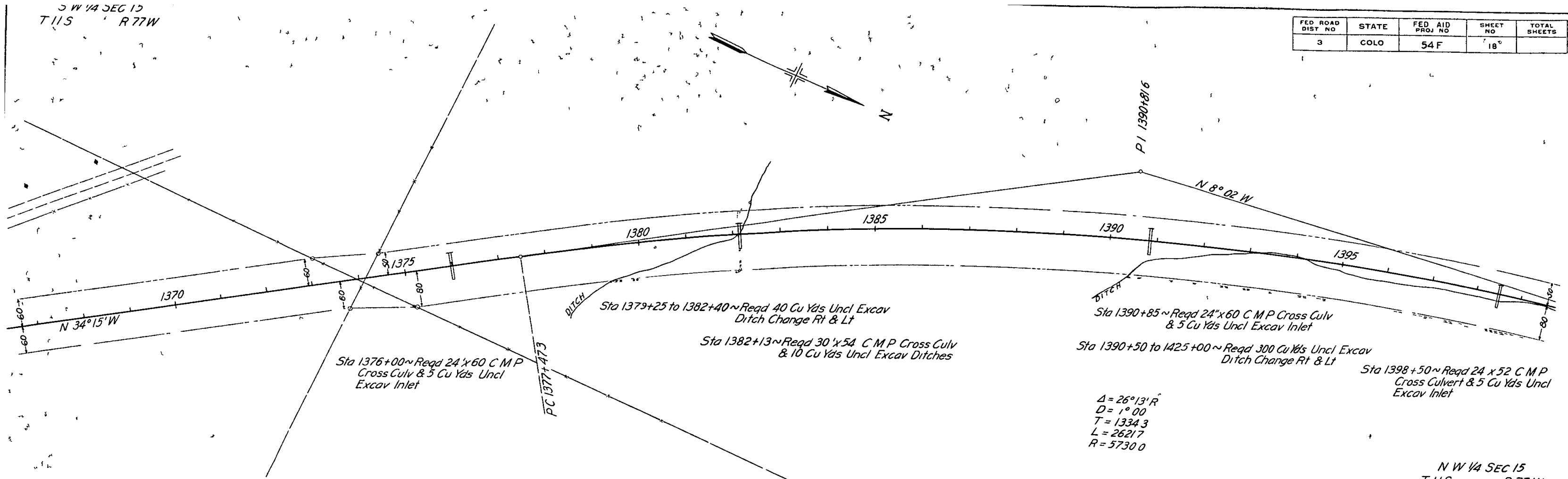
Sta 1353+90 to 1354+90 ~ Remove 100 lin ft snow fence Lt

Sta 1361+20 ~ Req'd 24"x52 C M P Cross Culv
& 5 Cu Yds Uncl Excav Ditches
Sta 1361+20 ~ Req'd 4 Guard Posts Lt

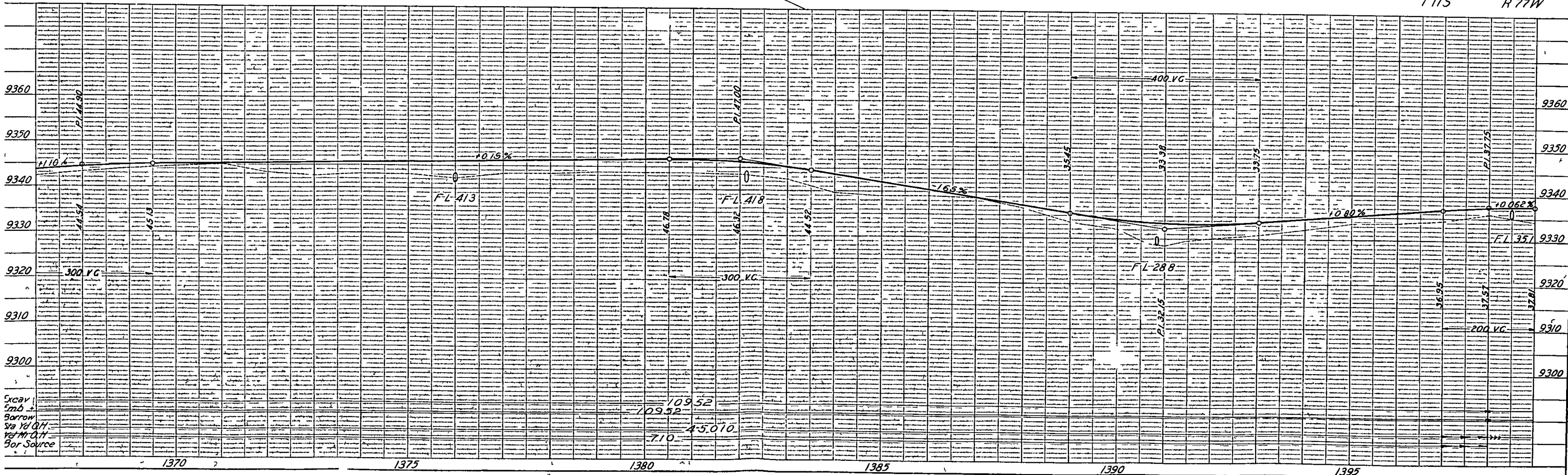


S W 1/4 SEC 15
T 11S R 77W

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	54 F	18	



N W 1/4 SEC 15
T 11S R 77W



N W 1/4 SEC 15
T11S R 77W

S W 1/4 SEC 10
T11S R 77W

FED ROAD DIST NO	STATE	FED AID PROJ NO	SHEET NO	TOTAL SHEETS
3	COLO	54 F	19	

Sta 1402+50 ~ Regd 18"x50 C M P Cross
Culv & 5 Cu Yds Uncl Excr Ditches

Sta 1430+40 to 1444+10 ~ Regd 220 Cu Yds Uncl Excr
Ditch Change Lt

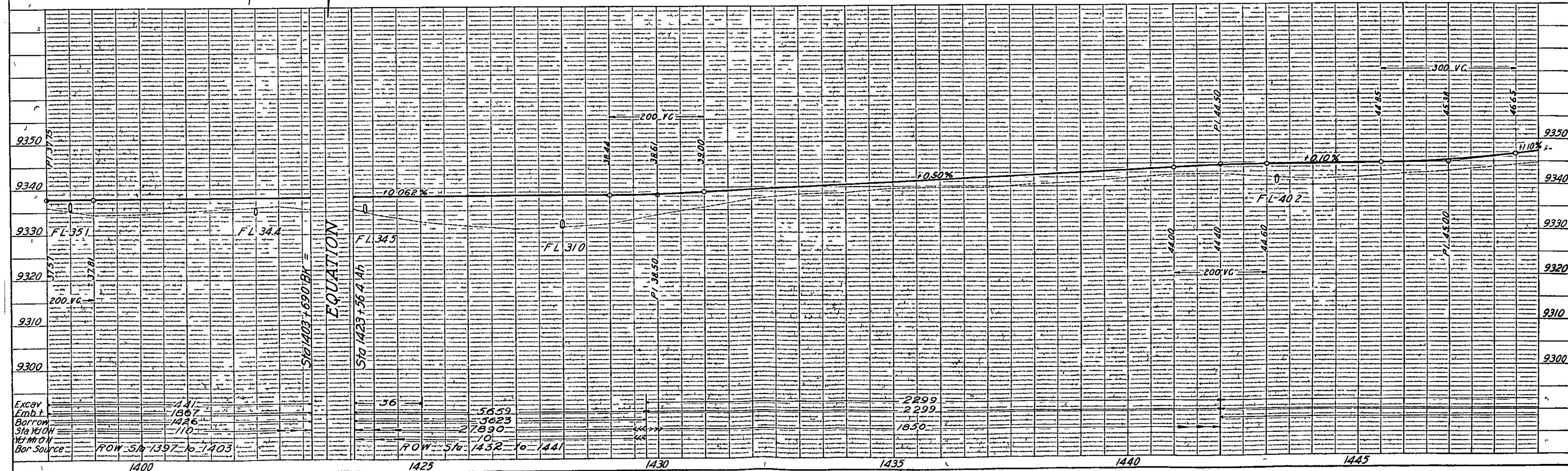
Sta 1443+22 ~ Regd 24"x52' C M P Cross Culv
& 5 Cu Yds Uncl Excr Ditches

Sta 1423+83 ~ Regd 24"x52 C M P Cross Culv
& 5 Cu Yds Uncl Excr Ditches

Sta 1428+00 ~ Regd 24"x56 C M P Cross Culv

PT 1403+690 BK =
1423+564 Ah
EQUATION

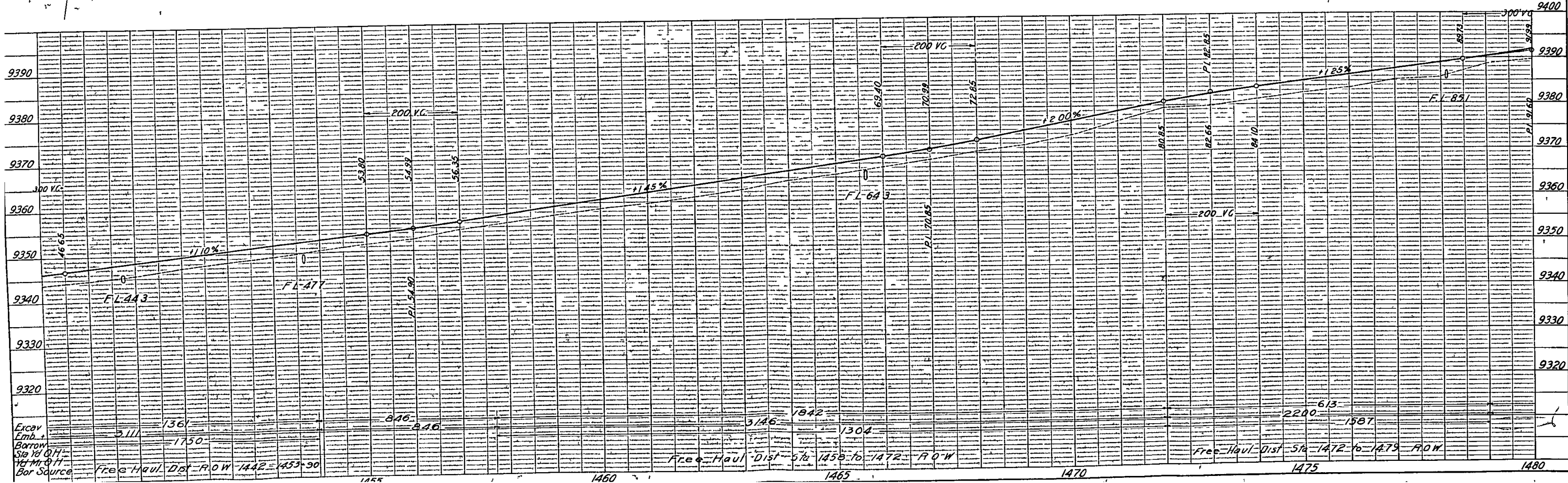
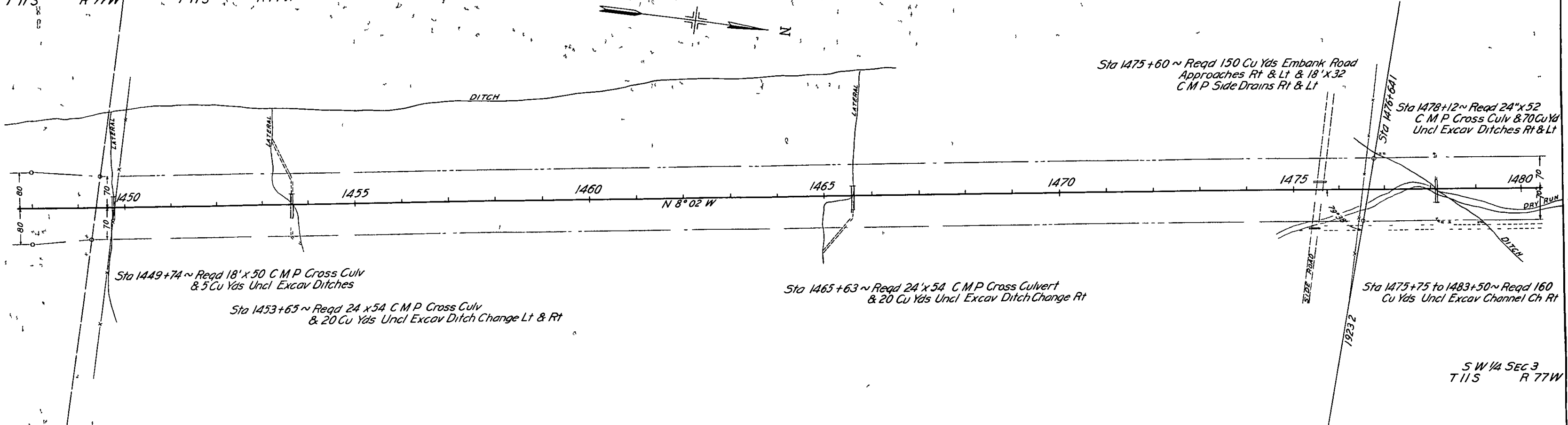
$\Delta = 26^\circ 13' R$
 $D = 1^\circ 00'$
 $T = 1334.3$
 $L = 26217$
 $R = 57300$



SW 1/4 SEC 10
T 11 S R 77 W

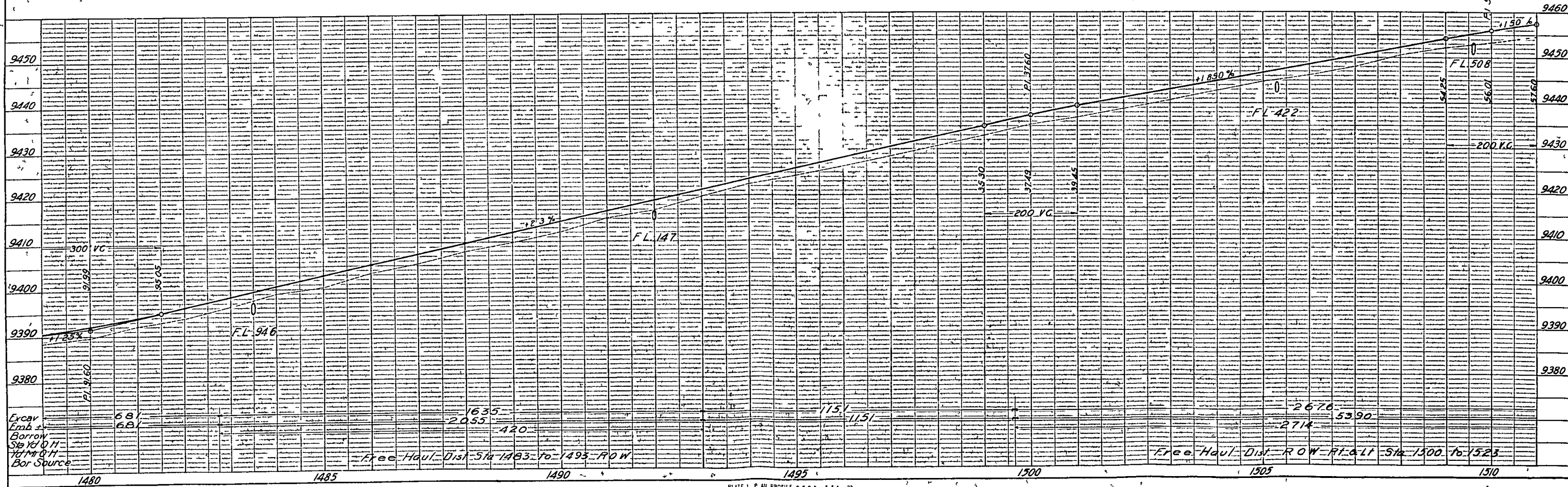
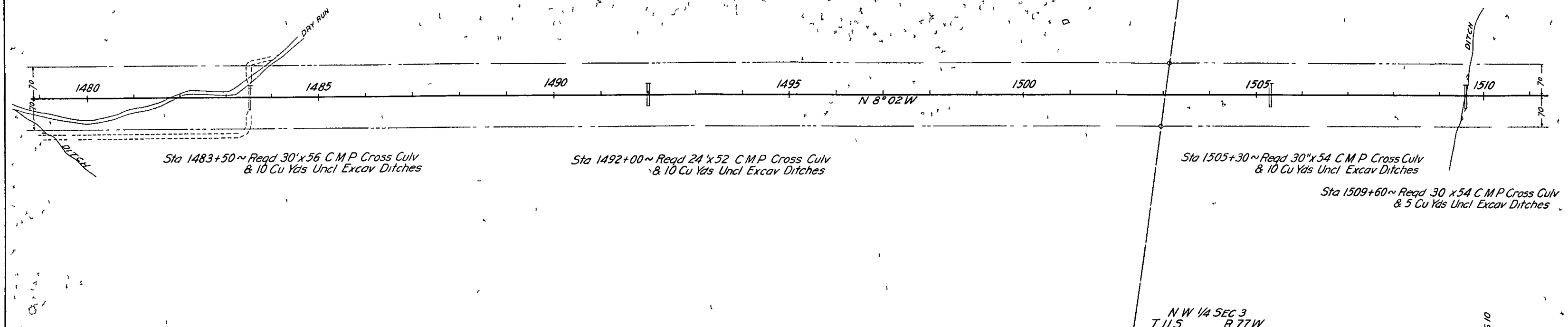
NW 1/4 SEC 10
T 11 S R 77 W

FED ROAD DIST NO	STATE	FED AID PROJ NO	SHEET NO	TOTAL SHEETS
3	COLO	54 F	20	



S W 1/4 SEC 3
T 11 S R 77 W

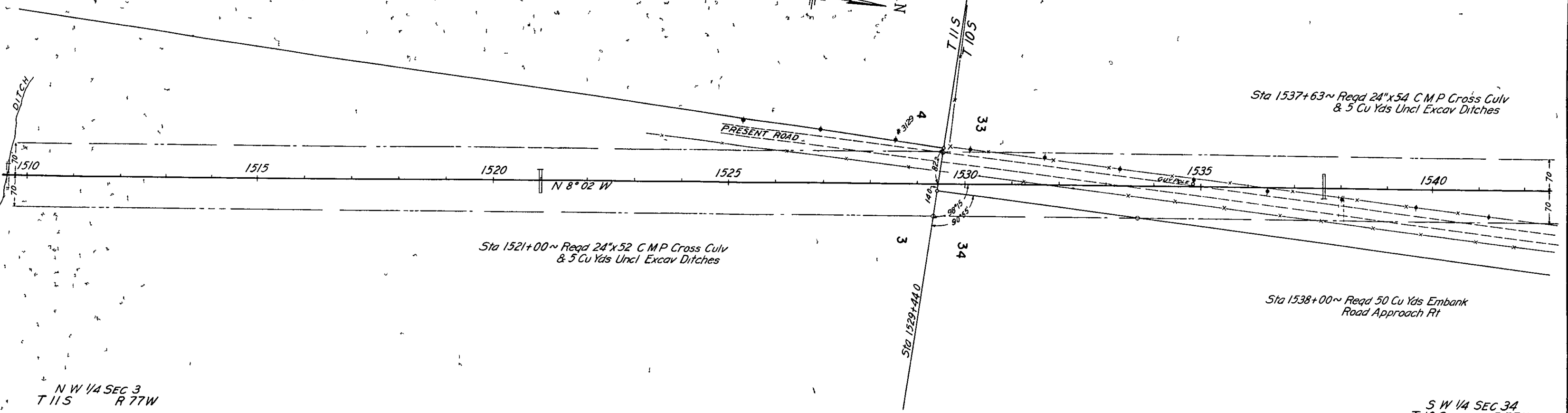
FED ROAD DIST NO	STATE	FED AID PROJ NO	SHEET NO	TOTAL SHEETS
3	COLO	54 F	21	



N E 1/4 SEC 4
T 11 S R 77 W

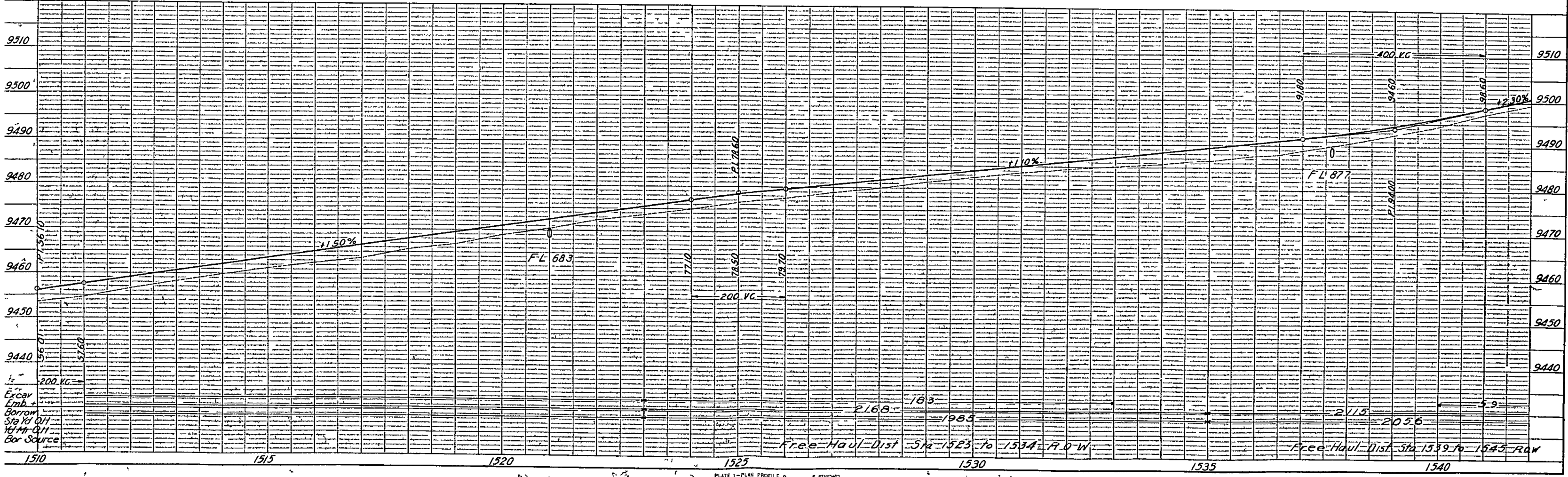
S E 1/4 SEC 33
T 10 S R 77 W

FED ROAD DIST NO	STATE	FED AID PROJ NO	SHEET NO	TOTAL SHEETS
3	COLO	54 F	22	



N W 1/4 SEC 3
T 11 S R 77 W

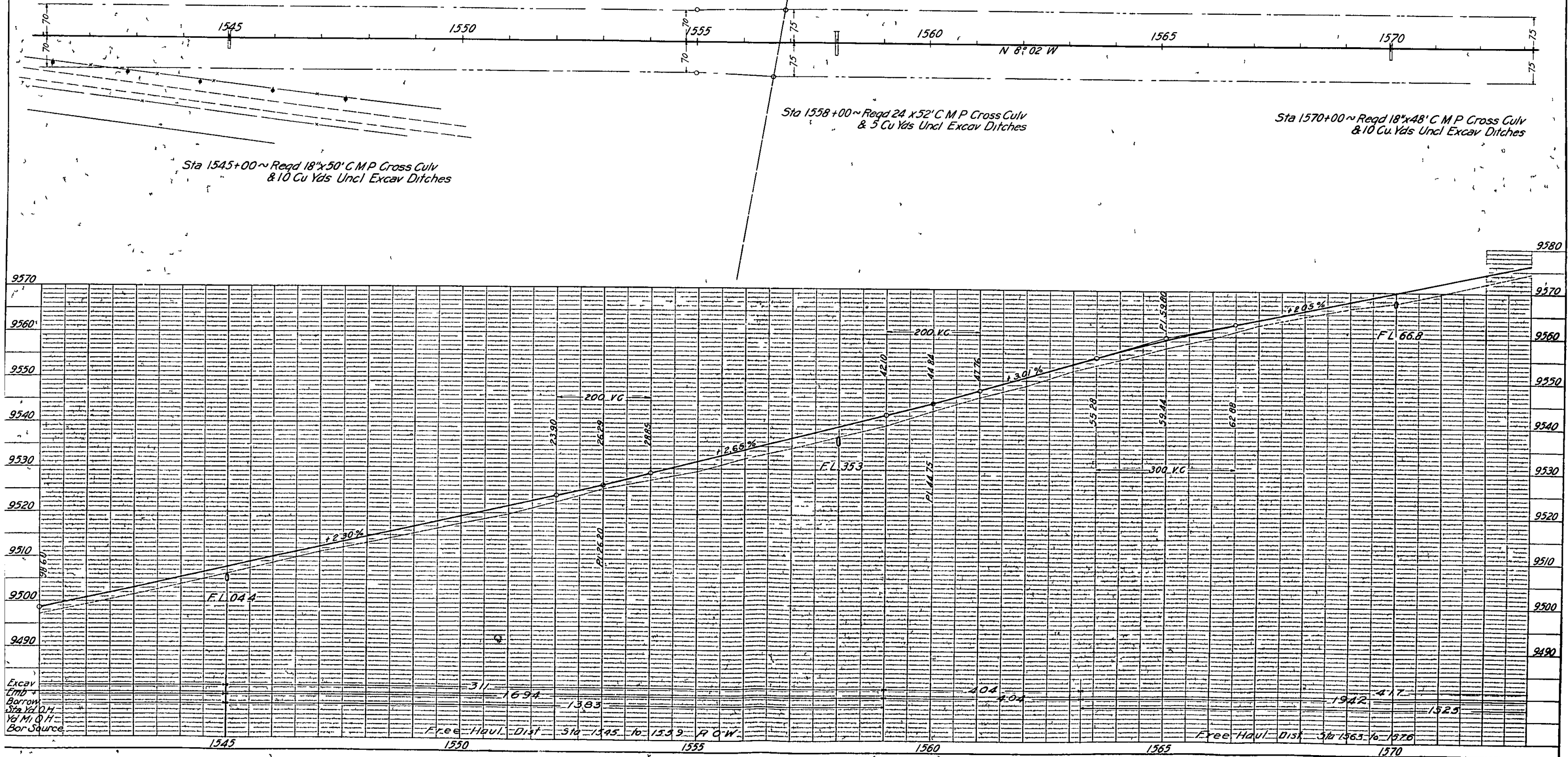
S W 1/4 SEC 34
T 10 S R 77 W



S E 1/4 SEC 33
T 10 S R 77 W

N E 1/4 SEC 33
T 10 S R 77 W

FED ROAD DIST NO	STATE	FED AID PROJ NO	SHEET NO	TOTAL SHEETS
3	COLO	54 F	23	



NE 1/4 SEC 33
T 10 S R 77 W

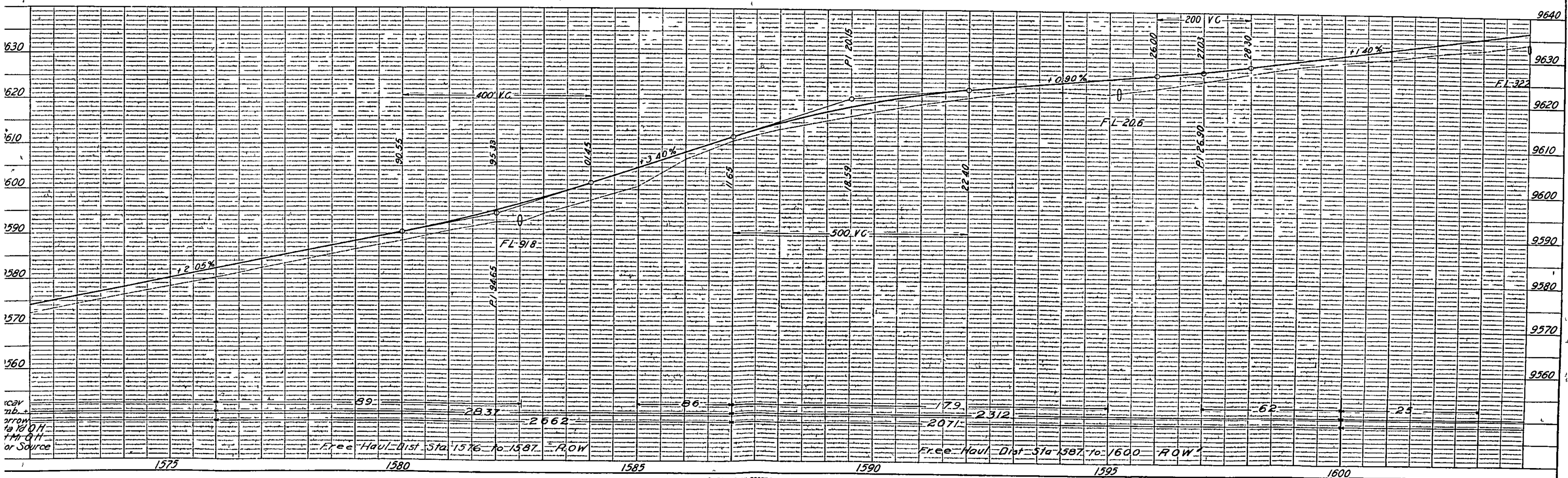
SE 1/4 SEC 28
T 10 S R 77 W

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO	54 F	24	

Sta 1582+50 ~ Req'd 30' x 56' C M P
Cross Culv & 5 Cu Yds Uncl Excav Ditches

Sta 1595+20 ~ Req'd 30' x 54' C M P Cross Culv
& 5 Cu Yds Uncl Excav Ditches

Sta 1584+22 ~ Req'd 150 Cu Yds Embank Road Approaches
Rt & Lt & 18' x 30' C M P Side Drain Rt



S E 1/4 SEC 28
T 105 R 77W

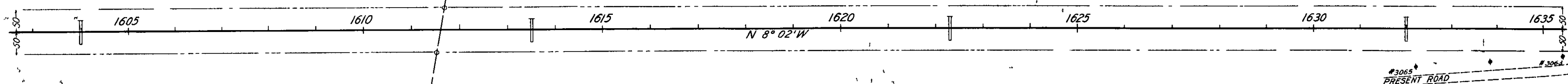
FED ROAD DIST NO	STATE	FED AID PROJ NO	SHEET NO	TOTAL SHEETS
3	COLO	54 F	25	

Sta 1604+00 ~ Regd 24"x54 C.M.P. Cross Culvert
& 5 Cu Yds Uncl Excav Ditches

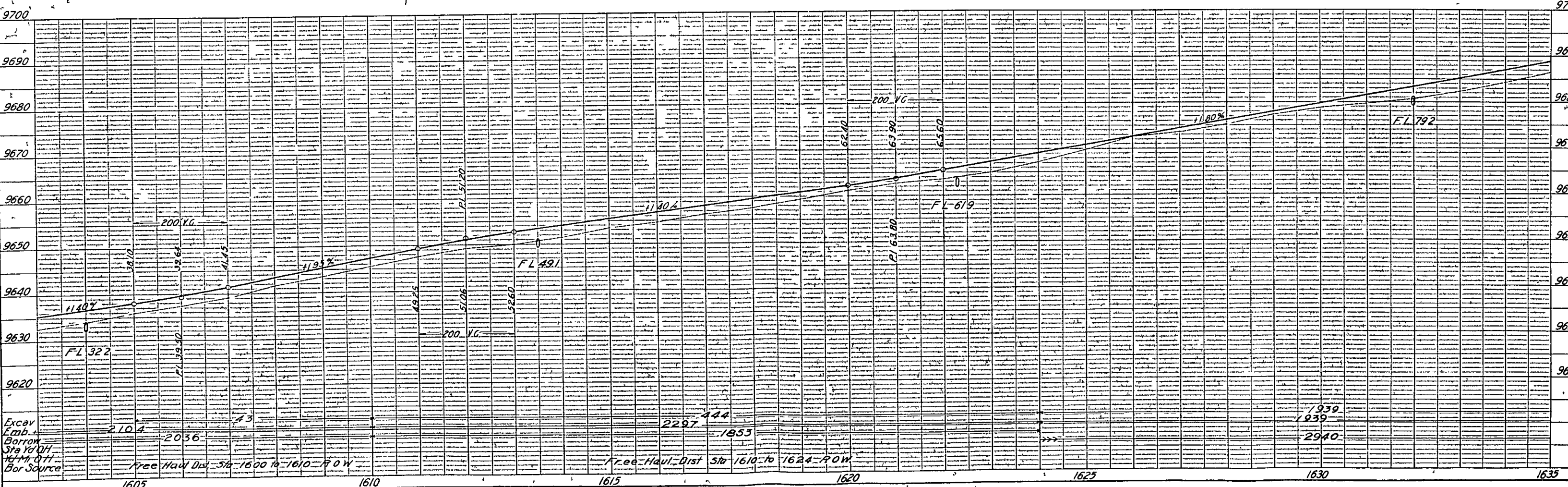
Sta 1613+50 ~ Regd 24"x52' C.M.P. Cross Culvert
& 5 Cu Yds Uncl Excav Ditches

Sta 1622+30 ~ Regd 24"x52 C.M.P. Cross Culvert
& 5 Cu Yds Uncl Excav Ditches

Sta 1632+00 ~ Regd 24"x52 C.M.P. Cross Culvert
& 5 Cu Yds Uncl Excav Ditches



N E 1/4 SEC 28
T 105 R 77W



N E 1/4 SEC 28
T 10 S R 77 W

FED ROAD DIST NO	STATE	FED AID PROJ NO	SHEET NO	TOTAL SHEETS
3	COLO	54 F	26	

Sta 1649+00 ~ Reqd 24"x54" C.M.P. Cross Culvert
& 5 Cu Yds Uncl Excav Ditches

Sta 1657+00 ~ Reqd 24"x46" C.M.P. Cross Culvert
& 5 Cu Yds Uncl Excav Inlet

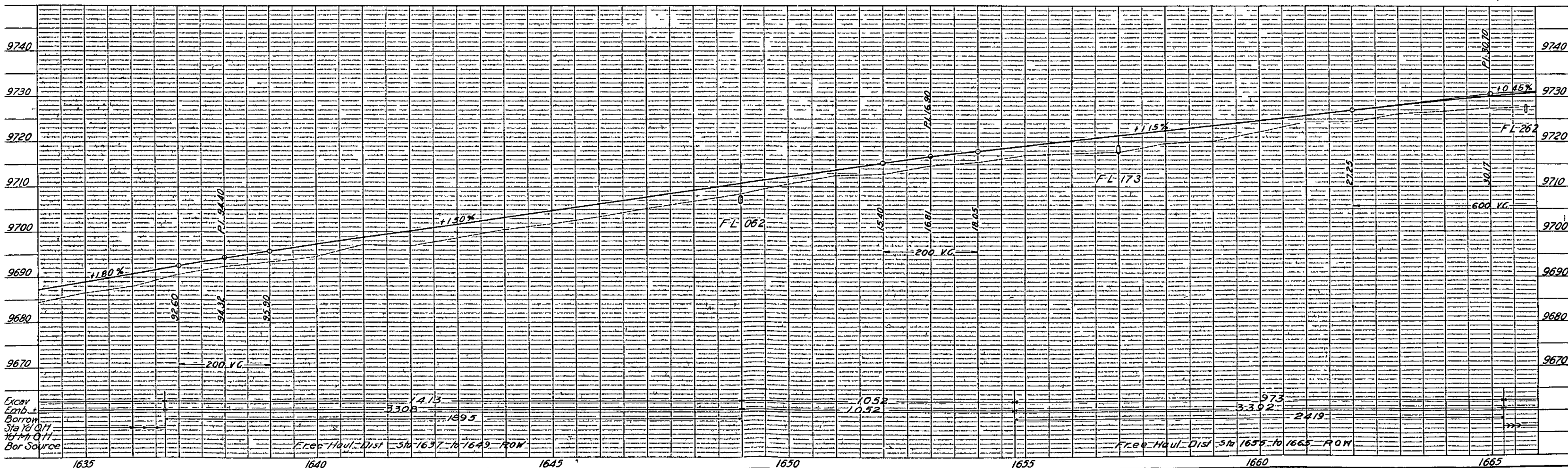
Sta 1665+68 ~ Reqd 150 Cu Yds Embank
Road Approaches Rt & Lt

PRESENT ROAD

N 8° 02' W

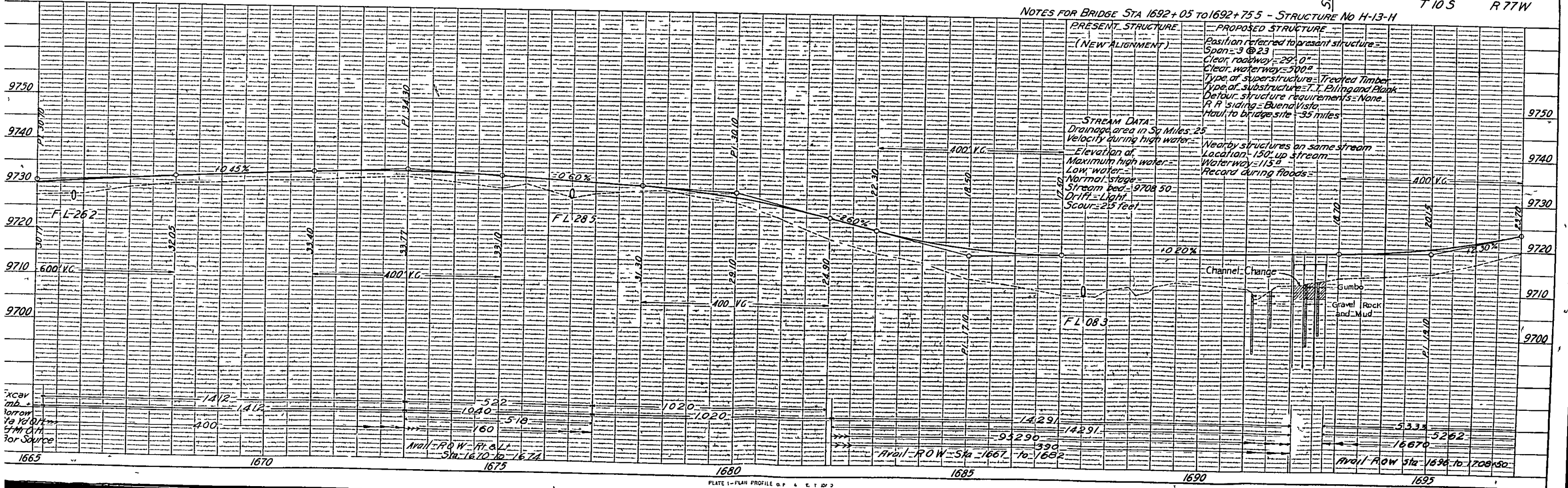
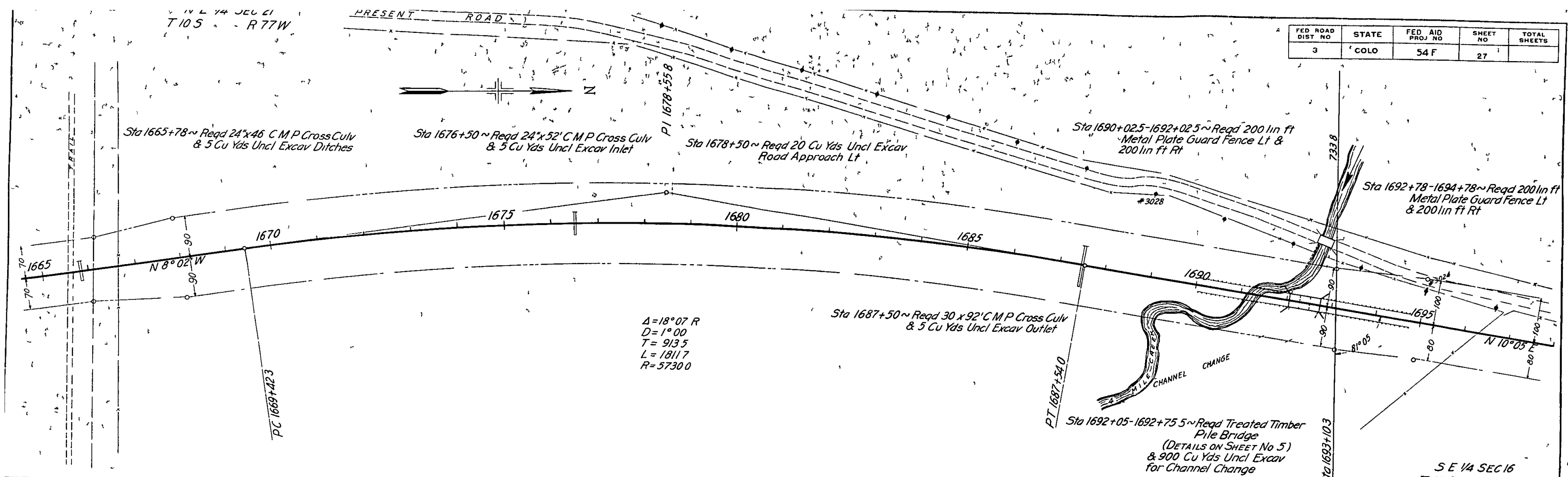
Sta 1640+ ~ Reqd Obliterate old Road
(FORCE ACCT)

S E 1/4 SEC 21
T 10 S R 77 W



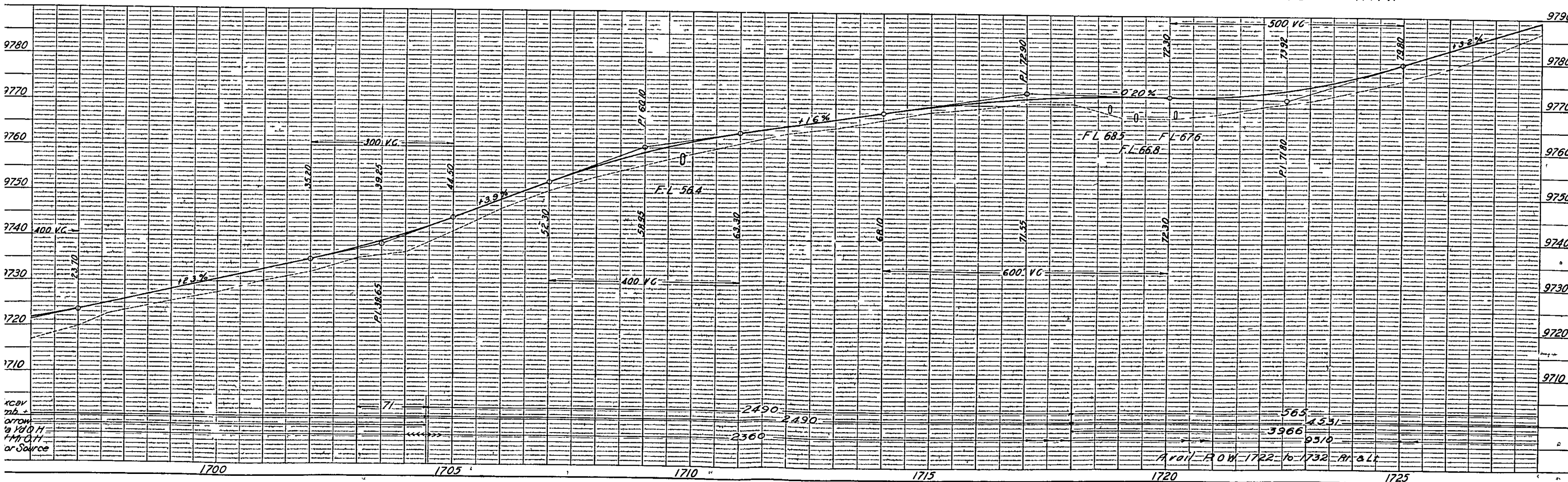
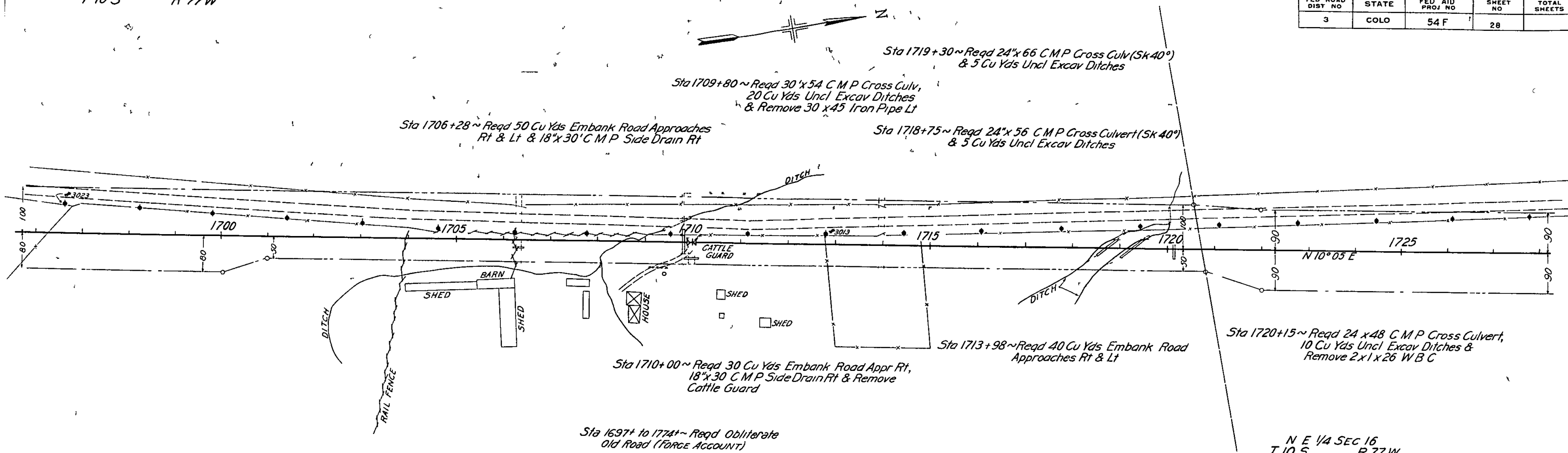
N 1/4 SEC 21
T 10 S R 77 W

FED ROAD DIST NO	STATE	FED AID PROJ NO	SHEET NO	TOTAL SHEETS
3	COLO	54 F	27	



SE 1/4 SEC 16
T 10 S R 77 W

FED ROAD DIST NO	STATE	FED AID PROJ NO	SHEET NO	TOTAL SHEETS
3	COLO	54 F	28	



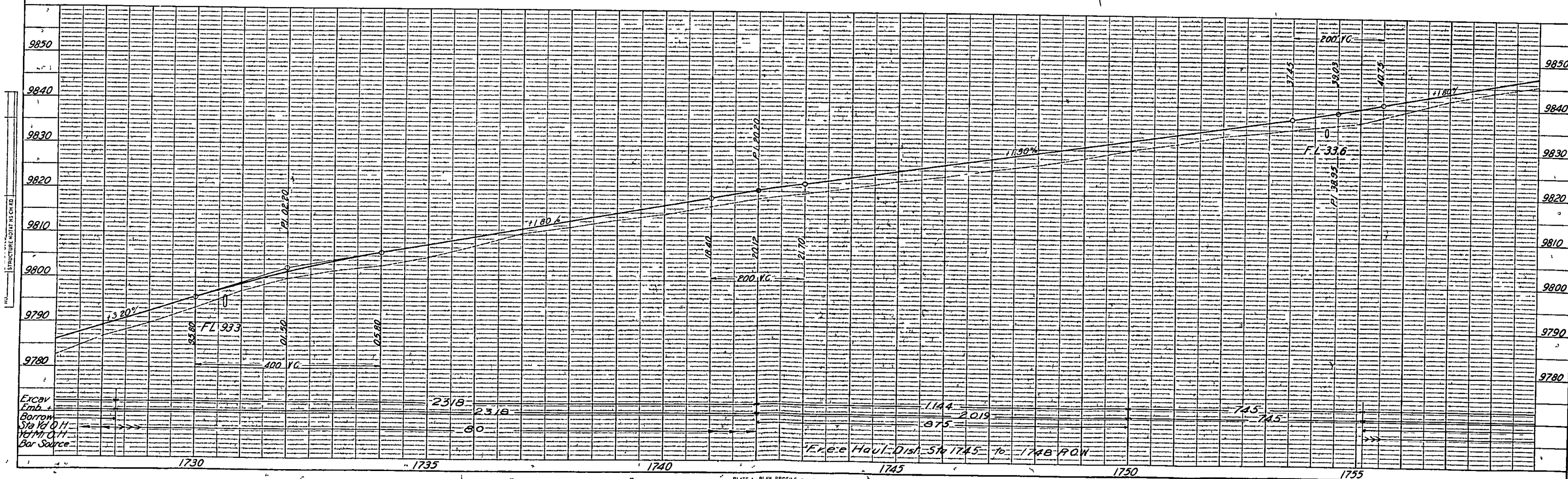
N E 1/4 SEC 16
T 10 S R 77 W

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	54 F	29	

Sta 1732+66 ~ Req'd 20 Cu Yds Embank Road Approach Lt
Sta 1730+66 ~ Req'd 30"x70 C.M.P. Cross Culvert (Skew 65°) & 5 Cu Yds Uncl Excav Ditches
Sta 1735+00 ~ Req'd 20 Cu Yds Embank Road Approach Rt

Sta 1754+26 ~ Req'd 24 x 52 C.M.P. Cross Culvert & 20 Cu Yds Uncl Excav Ditches

S E 1/4 SEC 9
T 10 S R 77 W

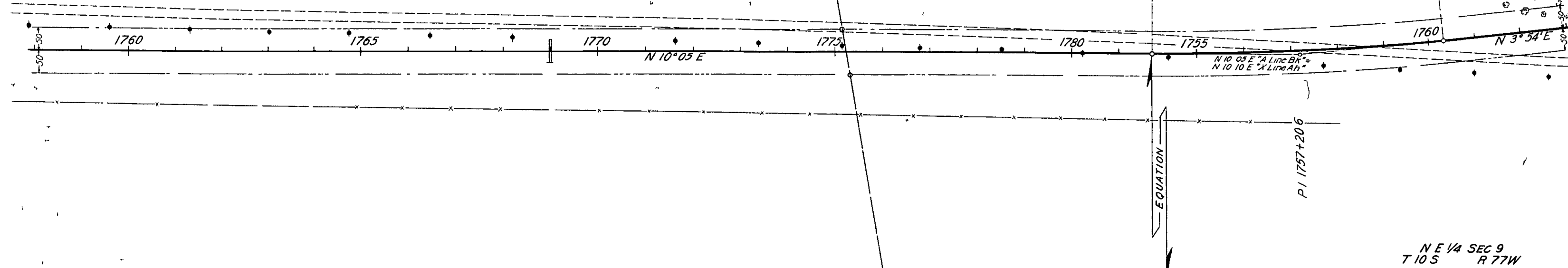


S E 1/4 SEC 9
T 10 S R 77 W

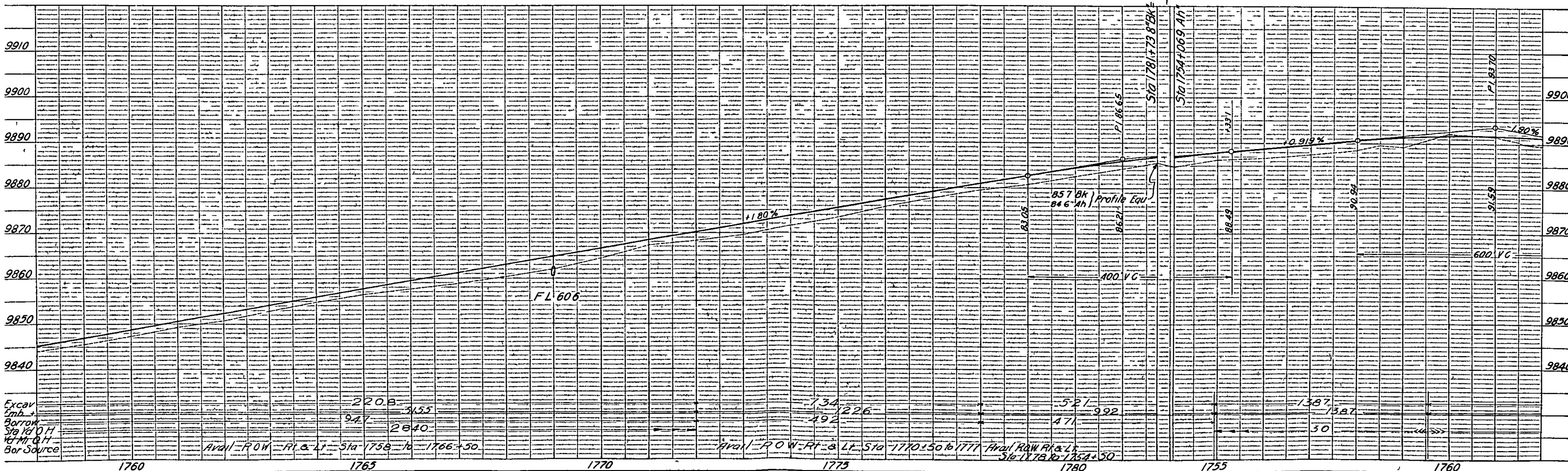
FED ROAD DIST NO	STATE	FED AID PROJ NO	SHEET NO	TOTAL SHEETS
3	COLO	54 F	30	

Sta 1769+00 ~ Reqd 24"x52 CMP Cross Culvert
& 20 Cu Yds Uncl Excar Ditches

$\Delta = 6^{\circ}16' L$
 $D = 1^{\circ}00'$
 $T = 313.7$
 $L = 626.7$
 $R = 5730.0$

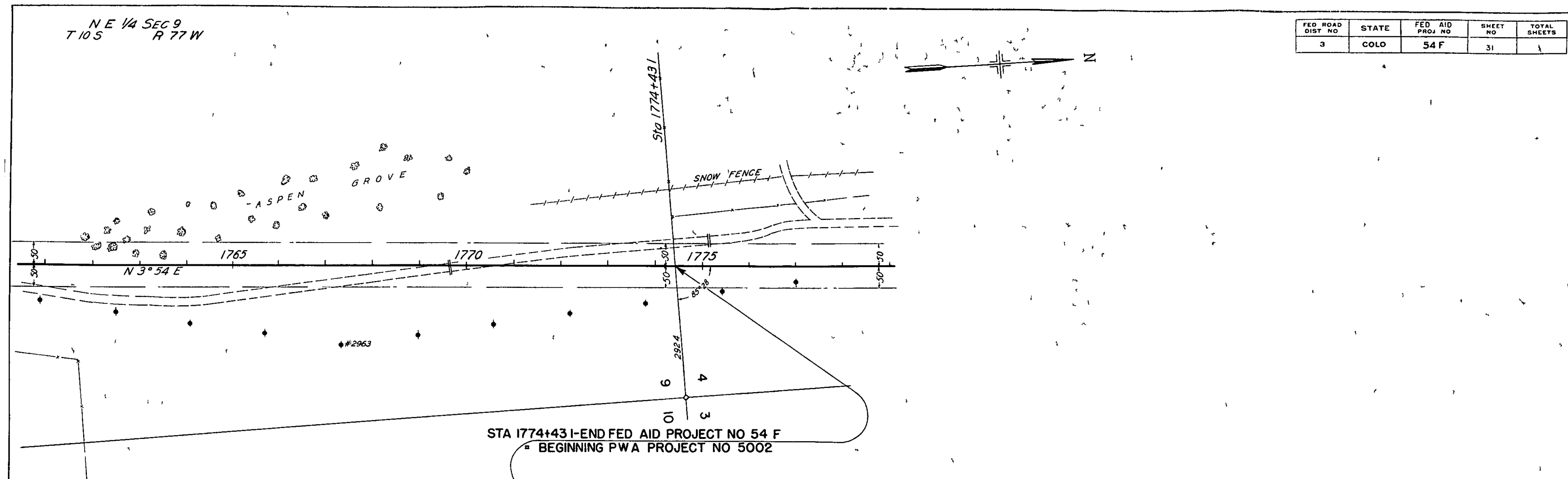


N E 1/4 SEC 9
T 10 S R 77 W



NE 1/4 SEC 9
T 10 S R 77 W

FED ROAD DIST NO	STATE	FED AID PROJ NO	SHEET NO	TOTAL SHEETS
3	COLO	54 F	31	1



STA 1774+43.1-END FED AID PROJECT NO 54 F
BEGINNING PWA PROJECT NO 5002

