

FED. ROAD DIST. NO.	STATE	FED. AID DIST. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	FI. 296 (13)	1	1

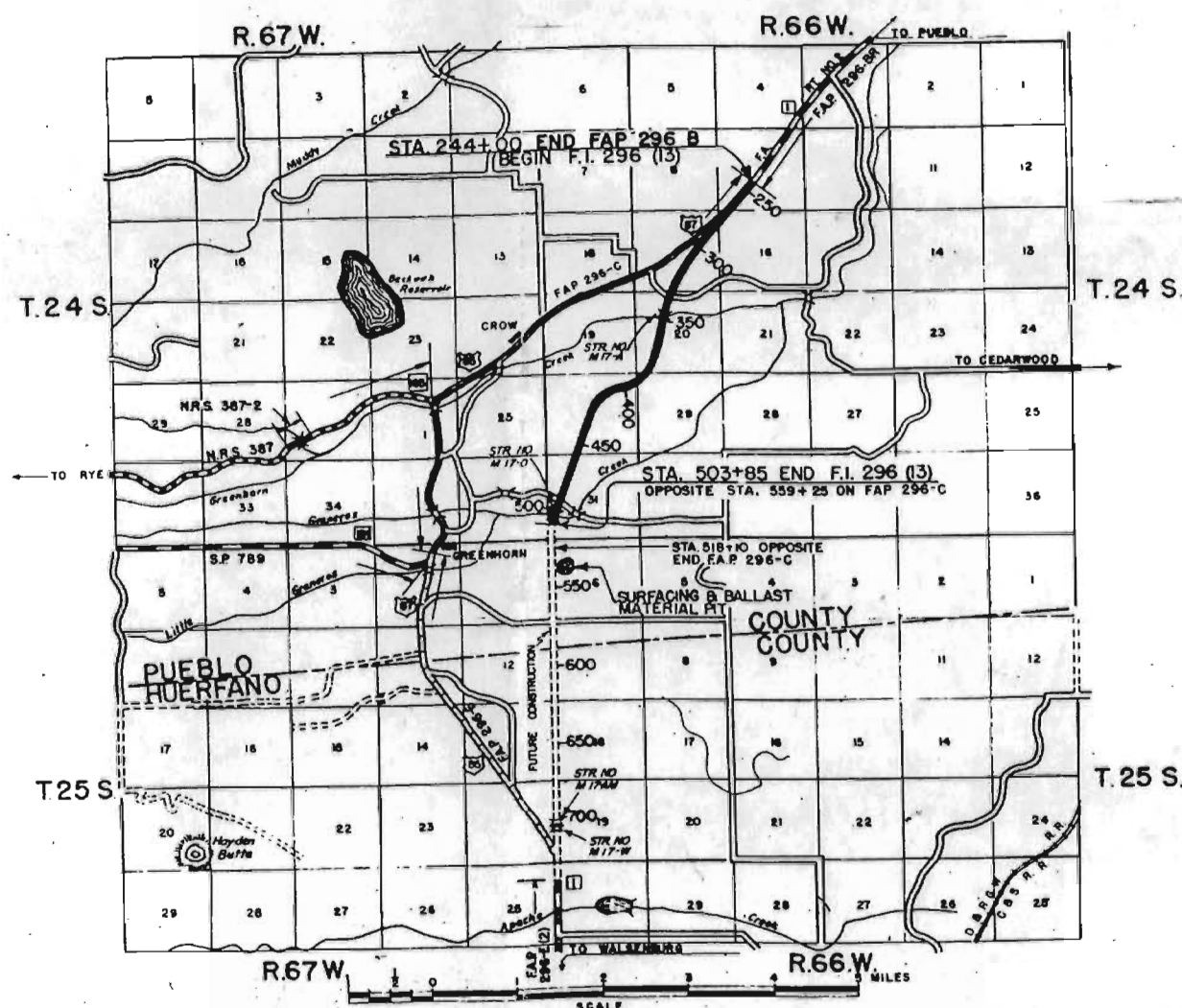
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COLORADO STATE HIGHWAY DEPARTMENT PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. F.I. 296 (13) STATE HIGHWAY NO. 1 PUEBLO COUNTY

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 } 26,003.3 FT. = 4.924 MILES
NET LENGTH OF PROJECT }



CONVENTIONAL SIGNS

CENTER LINE OF SURVEY

RIGHT OF WAY LINES

COUNTY LINE

TOWNSHIP OR RANGE LINE

SECTION LINE

ONE-QUARTER SECTION LINE

BARBED WIRE FENCE

SNOW FENCE

TELEPH. & TELEG. LINE

POWER LINE

PRESENT ROAD

RAILROAD

NOTE:

It is recommended that the bidders on this Project go over the plan details with one of the following field representatives of this Department

G.N. Miles, Division Engineer, Pueblo, Colo.
J.A. Salmons, Resident Engineer, Pueblo, Colo.

RECOMMENDED FOR APPROVAL DATE

James Paul
DISTRICT ENGINEER
2-21-1947

APPROVED DATE

Wendell L. White
STATE HIGHWAY ENGINEER
2-21-1947

RECOMMENDED FOR APPROVAL DATE

DISTRICT ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

APPROVED DATE

DIVISION ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

COLORADO STATE HIGHWAY DEPARTMENT

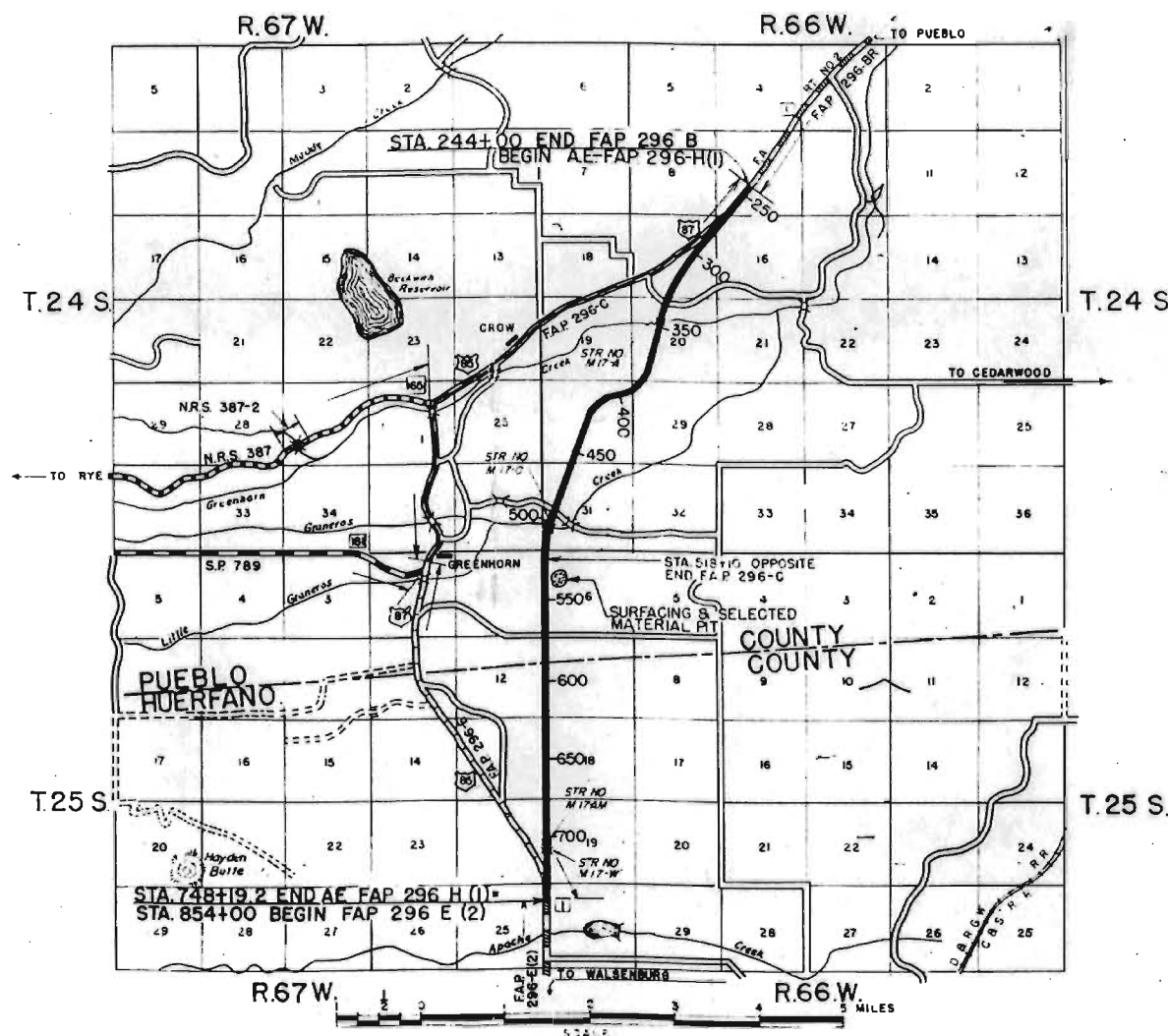
PLAN AND PROFILE OF PROPOSED A.E.-FEDERAL AID PROJECT NO. 296-H (I) STATE HIGHWAY NO. 1 PUEBLO AND HUERFANO COUNTIES

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*These sheets used in
Projects FI296(13) &
FI296(14)*

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 49,368.4 FT. = 9.350 MI.
NET LENGTH OF PROJECT



CONVENTIONAL SIGNS

CENTER LINE OF SURVEY
RIGHT OF WAY LINES
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
ONE QUARTER SECTION LINE
BARBED WIRE FENCE
SNOW FENCE
TELEPH. & TEL. G. LINE
POWER LINE
PRESENT ROAD
RAILROAD

NOTE:

*It is recommended that the bidders on
this Project go over the plan details
with the following field representative of
this Department.
G.N. Miles, Division Engineer, Pueblo, Colo.*

RECOMMENDED FOR APPROVAL DATE	
<i>Jasper Bell</i> ASSISTANT ENGINEER	4/24-46
APPROVED DATE	
<i>W. L. Watson</i> STATE HIGHWAY ENGINEER	9-24-46
RECOMMENDED FOR APPROVAL DATE	
DISTRICT ENGINEER PUBLIC ROADS ADMINISTRATION FEDERAL WORKS AGENCY	
APPROVED DATE	
DIVISION ENGINEER PUBLIC ROADS ADMINISTRATION FEDERAL WORKS AGENCY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F.L. 296 (13)	7	

FENCING REQUIREMENTS

STATION	SIDE	REMOVE FENCE		BUILD B.W. FENCE		GATES	
		LIN. FT.		LIN. FT.		BARBED WIRE	
		44' RDWY.	61' RDWY.	44' RDWY.	61' RDWY.	44' RDWY.	61' RDWY.
244+00 - 255+00 255+00 - 274+30 265+95 275+91	Rt&Lt Rt X X	2425	2240 250 445				
300+95 331+10 331+10 - 332+05 332+05	X X Rt X	360	310 220 300				
337+60 338+60 357+12 412+25 - 418+00 439+80	Rt&Lt X Rt&Lt X	490 315 1030	870				
460+64 493+85 494+45 503+65	X X X X	320 455 455 450					
244+00 - 255+00 255+00 - 282+00 282+00 - 323+00 323+00 - 332+55	Lt Lt Lt Lt		1117 2700 4100 975				
333+35 - 335+00 335+00 - 365+00 365+00 - 427+00 427+00 - 493+27	Lt Lt Lt Lt		3000 6218 6807	190			
493+82 - 503+85 503+50 245+20 290+00 365+00	Lt Rt&Lt Lt Lt Lt		1003			2 1 1	
433+00 448+00 462+00 244+00 - 255+00 255+00 - 274+30	Lt Lt Lt Rt Rt		1171	280		1 1 1	
273+95 - 283+00 283+00 - 290+50 291+25 - 323+00 323+00 - 335+00 335+00 - 365+00	Rt Rt Rt Rt Rt		760 3185 1200 3245	905			
365+00 - 427+00 427+00 - 494+50 495+05 - 503+85 253+00 333+00 365+00 433+00 448+00 462+00	Rt Rt Rt Rt Rt Rt Rt Rt Rt Rt		7100 880	6218		1 1 1	
Approach Rt 290+00 246+1 - 71+20 51+00 - 71+20	Rt Rt&Lt Rt&Lt	250	320				
Approach Lt 333+00 1+50 - 31+00 31+20 - 61+50 1+50 - 61+50	Lt Rt&Lt Rt		236 510				
257+00 - 273+95	Rt		1615				
TOTALS		6,620	4,975	33,368	19,432	11	3

* Future Construction

TIMBER GUARD POSTS

FUTURE CONSTRUCTION

STATION	SIDE	SPACING	NUMBER	
			44' RDWY.	61' RDWY.
248+50 - 253+50 266+00 - 275+00 267+82 308+00	Lt Rt Lt Rt&Lt	50' 100' Culvert Culvert	11 10 2	
315+00 - 320+50 315+50 - 321+00 338+00 - 339+00 339+70 - 340+31	Rt Lt Rt&Lt Rt&Lt	50' 50' 100' Bridge	12 12 4 10	
341+63 - 342+24 355+00 371+00 - 379+00 387+00 - 394+00	Rt&Lt Rt&Lt Rt&Lt Rt	Bridge Culvert 50' 50'	10 2 34 15	
381+75 399+25 - 400+75 409+80 438+75	Rt&Lt Rt Rt&Lt Rt&Lt	Culvert 50' Culvert Culvert	2 4 2	
451+00 465+00 477+00 485+30	Rt&Lt Rt&Lt Rt&Lt Rt&Lt	Culvert Culvert Culvert Culvert	2 2 2 2	
495+59 - 498+59 498+59 - 498+59 499+03 - 500+44 501+46 - 502+07	Lt Rt Rt&Lt Rt&Lt	100' 100' Bridge Bridge	4 3 10 10	
Flared Intersection 200+50 - 301+10	Rt&Lt	(See Sheet 33)	240	22
TOTALS			340	90

R.O.W. MARKERS

STATION	SIDE	NUMBER	
		44' RDWY.	61' RDWY.
244+00 245+02.8 264+97.4 267+54.6 273+03.6	Lt Rt&Lt Lt Rt Rt	1 2 1 1 1	
277+11.6 288+50 292+00 300+10 302+13	Lt Rt Rt Lt Rt	1 1 1 1 1	
323+42 329+21.8 330+06.8 332+17 333+85	Rt Lt Rt Lt Lt	1 1 1 1 1	
337+00 340+00 345+00 348+00	Rt Rt Rt Rt	1 1 1 1	
356+90.7 357+66 370+52 371+44	Lt Rt Lt Rt	1 1 1 1	
390+08 390+90 402+08 432+32.3	Rt Lt Rt Lt	1 1 1 1	
433+46.1 440+30 460+20.6 461+38.8	Rt Lt Lt Rt	1 1 1 1	
486+00 488+10.5 490+04.4 502+66	Rt&Lt Lt Rt Lt	2 1 1 1	
Approach Rt 290+00 246+1.2	Rt 290+00 Rt&Lt	2	
Approach Lt 333+00 1+52	Lt 333+00 Rt&Lt		2
3118.2 3179.7	Lt Lt	1 1	
5179.5 6150	Rt Rt	1 1	
TOTALS		25	20

Note:
Alignment and grades as shown are subject to modification during construction after approval by the Denver office.

The soil data shown on the plans is obtained from best available testing laboratory information. This information is shown for the convenience of the Contractor and the Department does not guarantee the accuracy of these tests. If materials not conforming to the data on the plans are encountered during construction, necessary modifications of the grading plan shown on plans will be made to secure dense, stable embankments.

Fencing Requirements & ROW Markers are Tabulated on Sheet 7.

Present roadway surfacing to be left in place. Surfacing to be removed and replaced under future project.

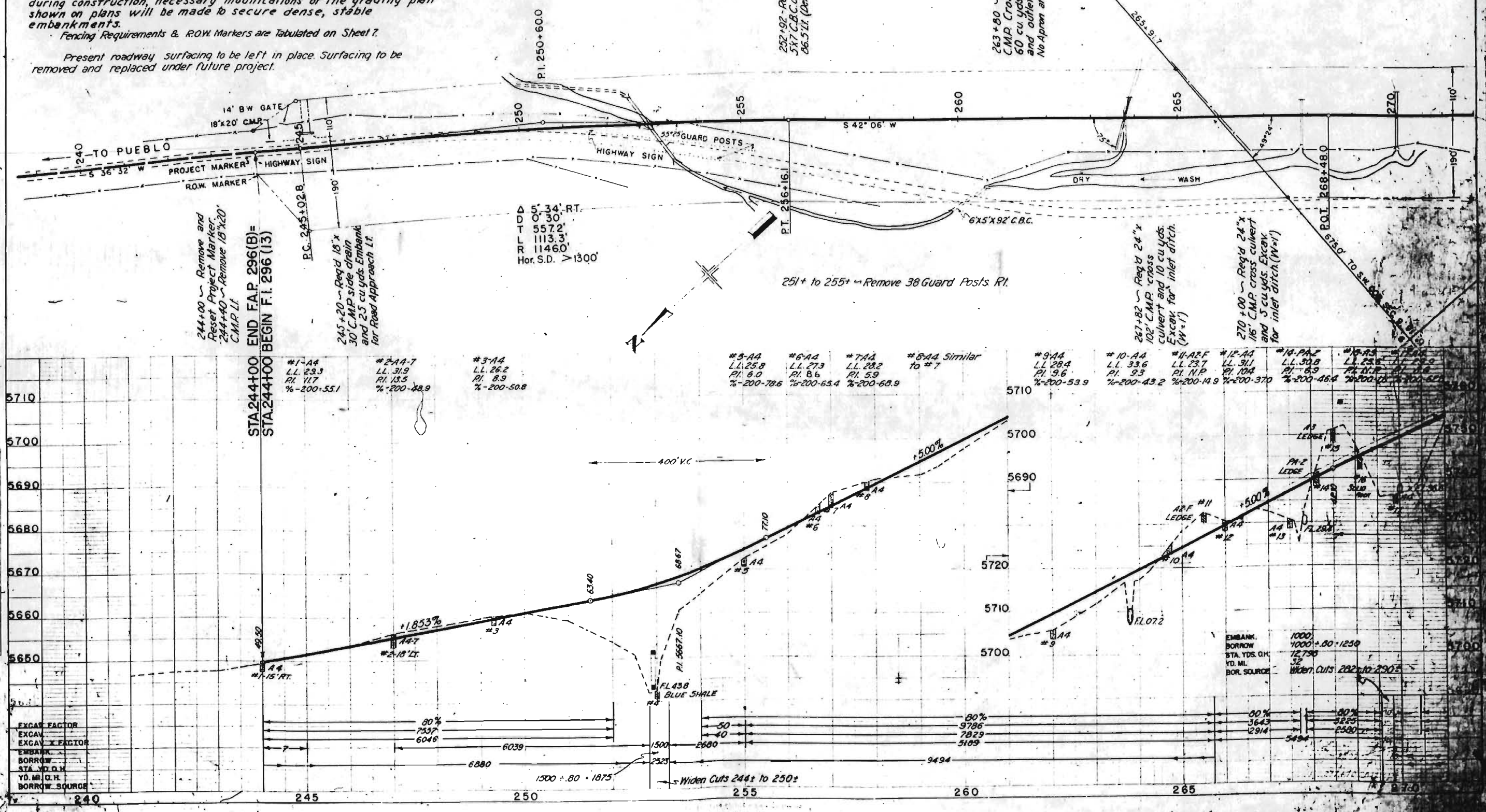
CW 1/4 SEC. 9, T. 24 S., R. 66 W.

250+00 to 252+50 - Reg'd 2100 cu yds.
Excav. for Channel Change Lt. (W=12')
Use material to fill old channel and build dike between channel change & roadway

252+92 - Remove portions of present 5x7 C.B.C. culvert and extend 66.5' Lt. (Details on Sheet 8)

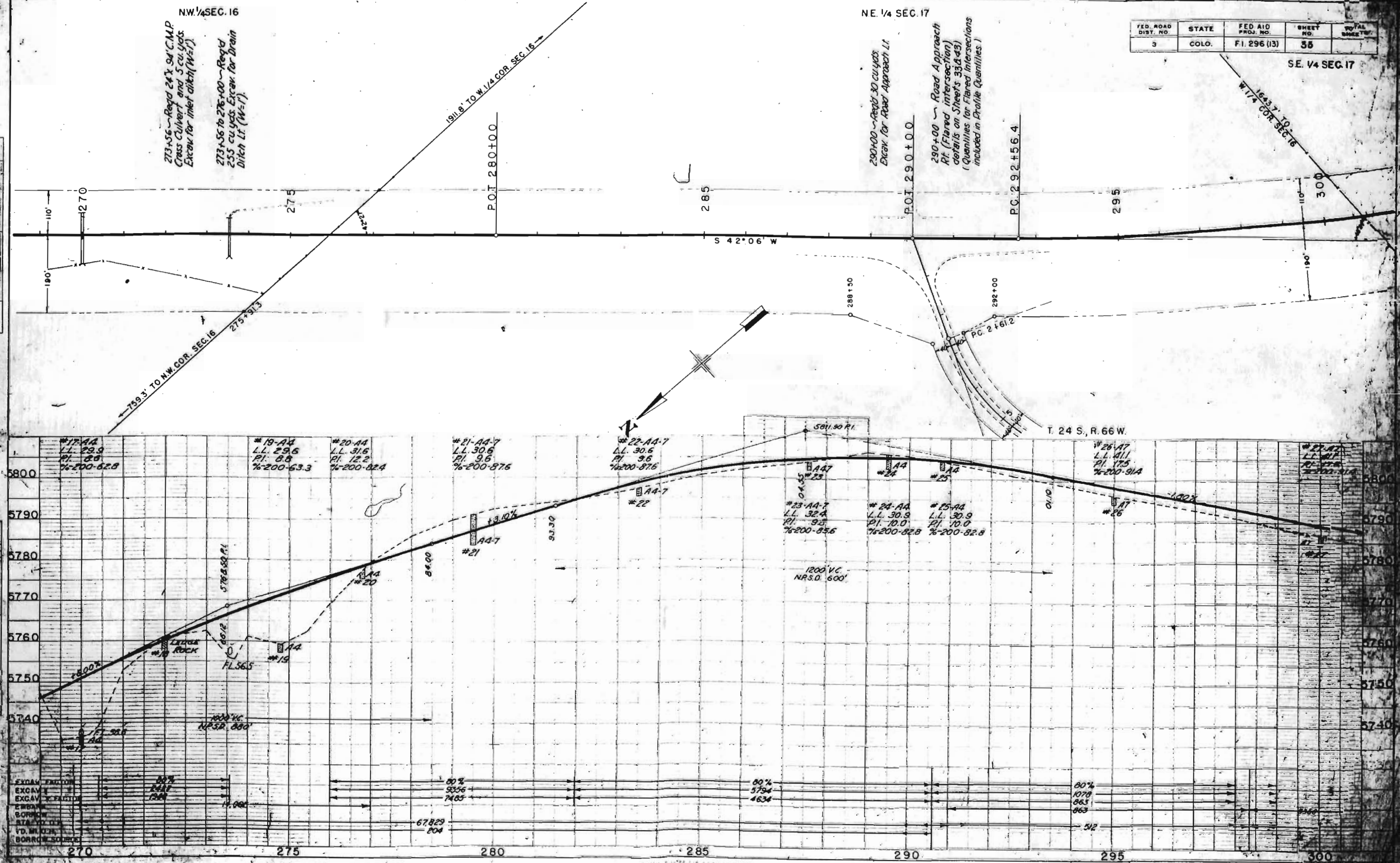
NW 1/4 SEC. 16

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	FL 296 (13)	34	



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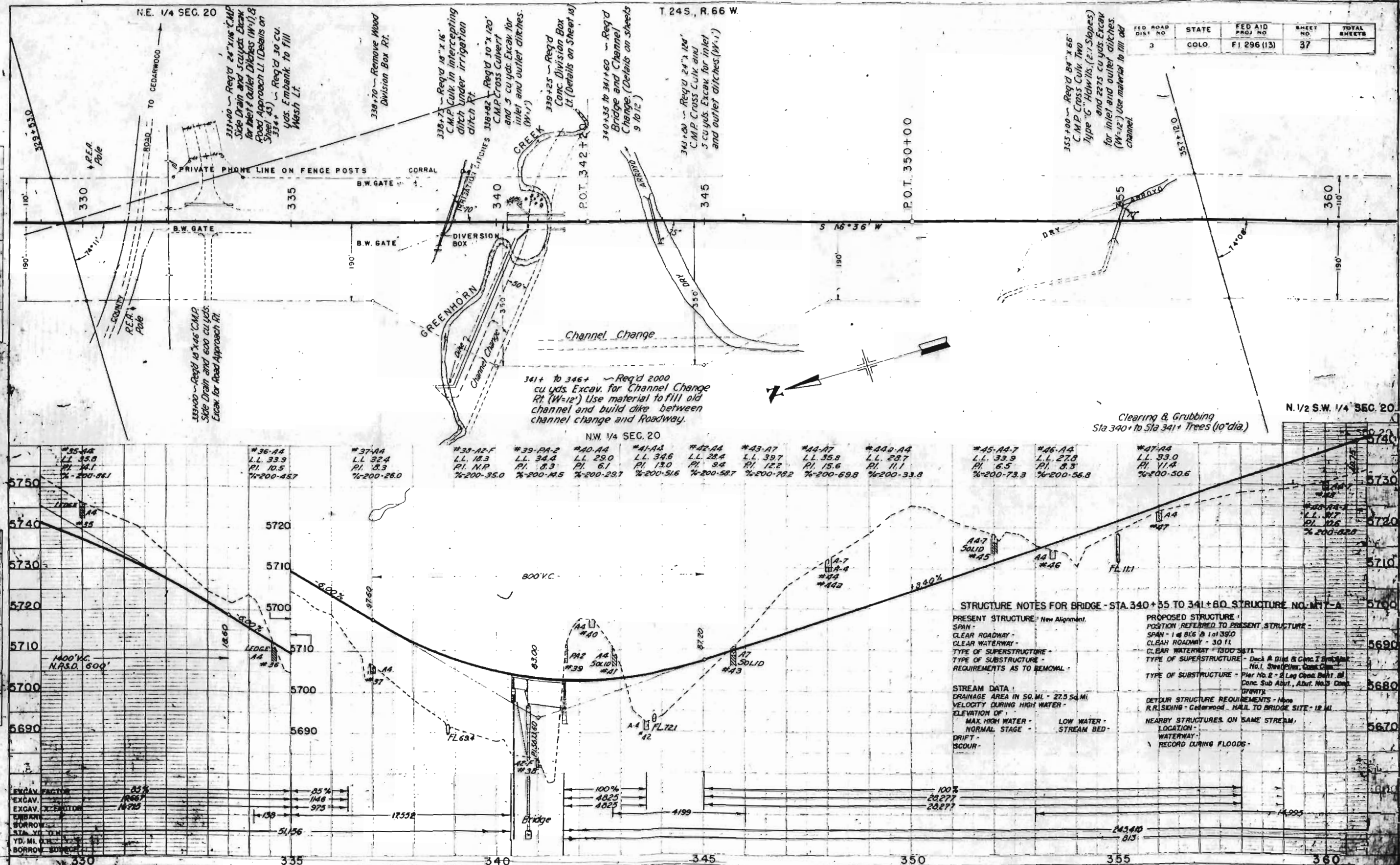


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F.I. 296 (13)	36	

SE. 1/4 SEC. 17

PLAN	QUARTERED	PLOTTED	ALIGNMENT CHECKED	AT OF WAY CHECKED	DATE
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10-00000					

PROFILE	14	17	3	JUL
UNITED STATES				
NOTES CHECKED				
BY SA 10216				
CONNECTICUT NOTAT 49 CM 40				



N 1/2 SW 1/4 SEC. 20

S 1/2 SW 1/4 SEC. 20

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	FI 296 (13)	38	

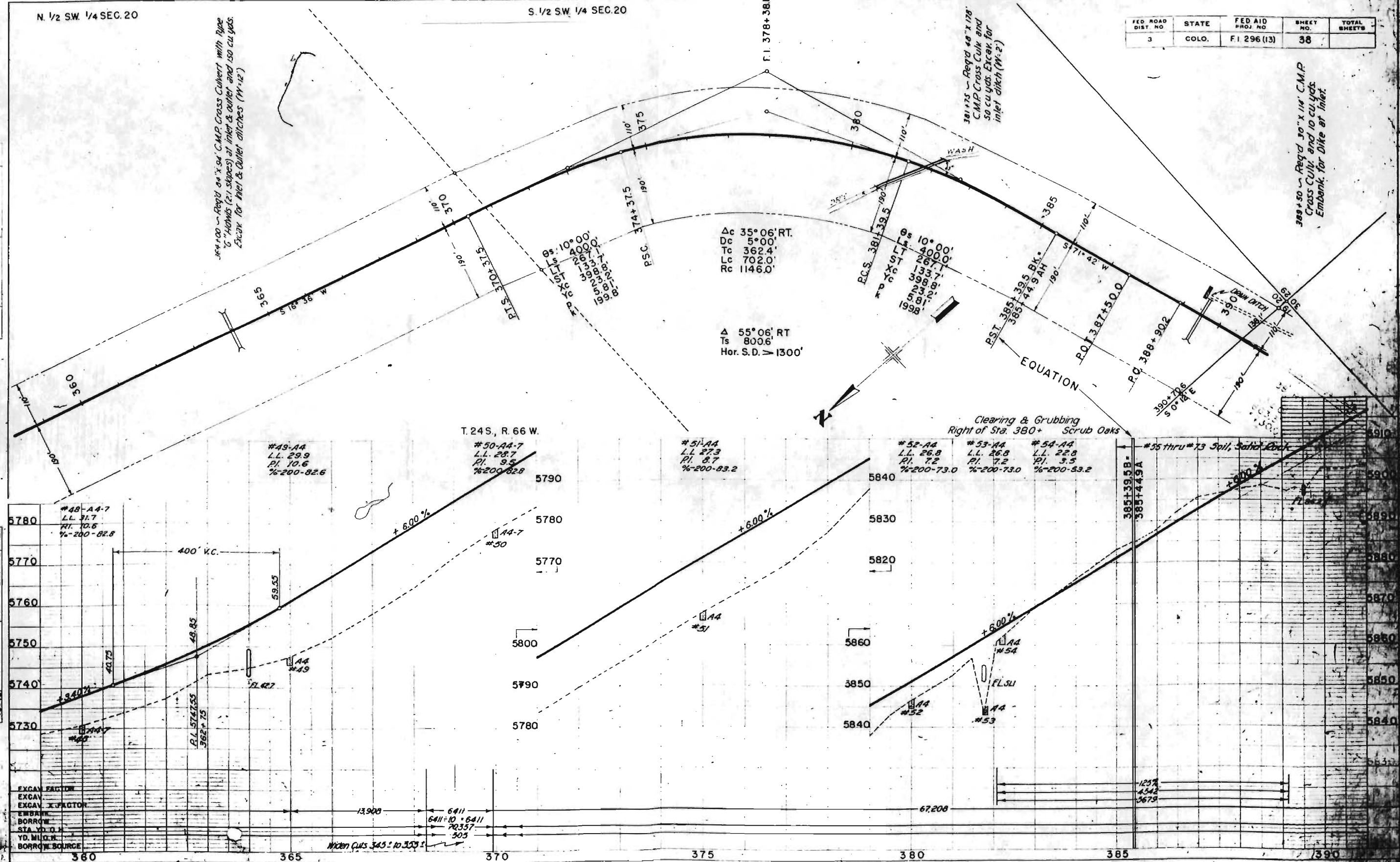
364+00 ~ Reg'd 24" x 24" C.M.P. Cross Culvert with Pipe
"G" Holes (2:1 slopes) at inlet & outlet and 150 cu yds.
Excav for Inlet & Outlet ditches (W=12')

381+75 ~ Reg'd 48" x 178"
C.M.P. Cross Culvert and
50 cu yds. Excav for
inlet ditch (W=2')

389+50 ~ Reg'd 30" x 14" C.M.P.
Cross Culvert and 10 cu yds.
Embank for Dike at Inlet.

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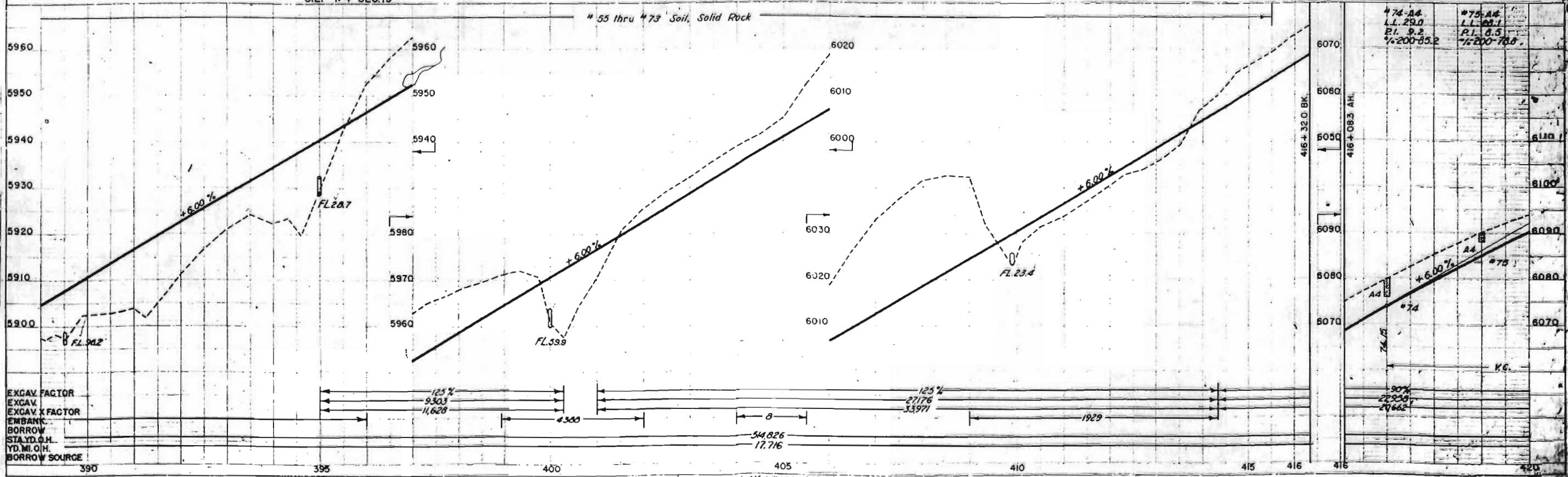
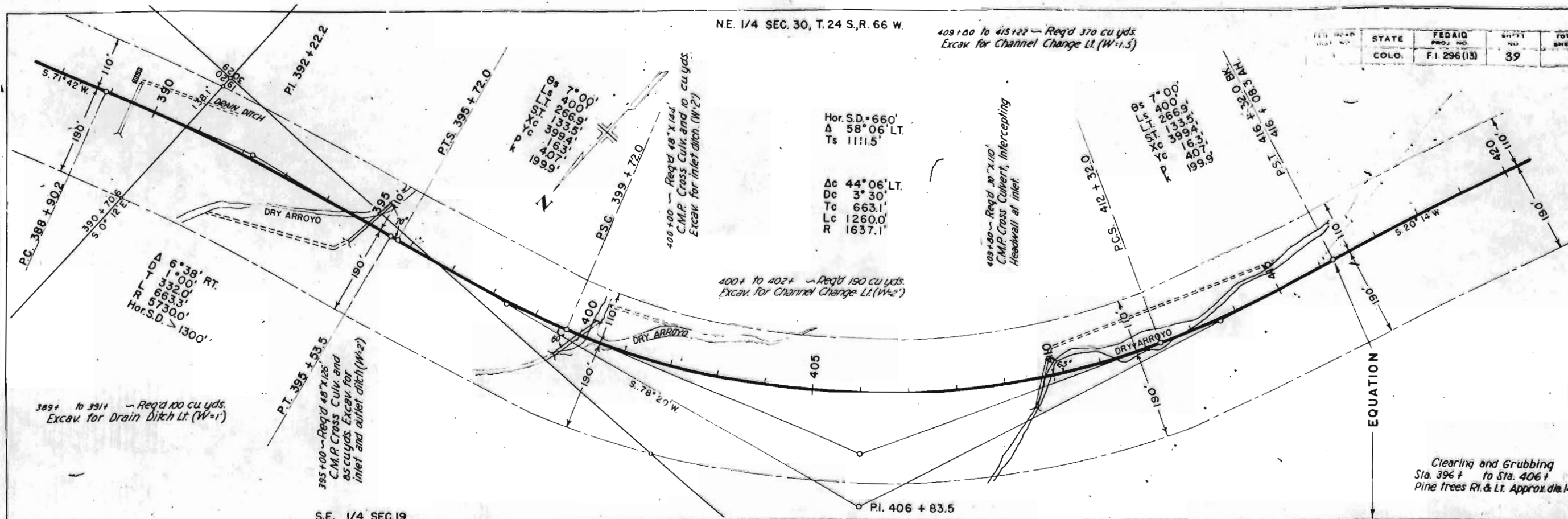
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99. PROFILE	100. PROFILE



NE 1/4 SEC. 30, T.24 S., R. 66 W.

409+80 to 415+22 - Req'd 370 cu yds.
Excav. for Channel Change Lt. (W=1.5)

STATE	FED AID	SHEET	TOTAL
COLO.	F.I. 296 (13)	39	SHEETS



EXCAV. FACTOR
EXCAV. K FACTOR
EMBANK.
BORROW
STA. YD. O.H.
YD. MI. O.H.
BORROW SOURCE

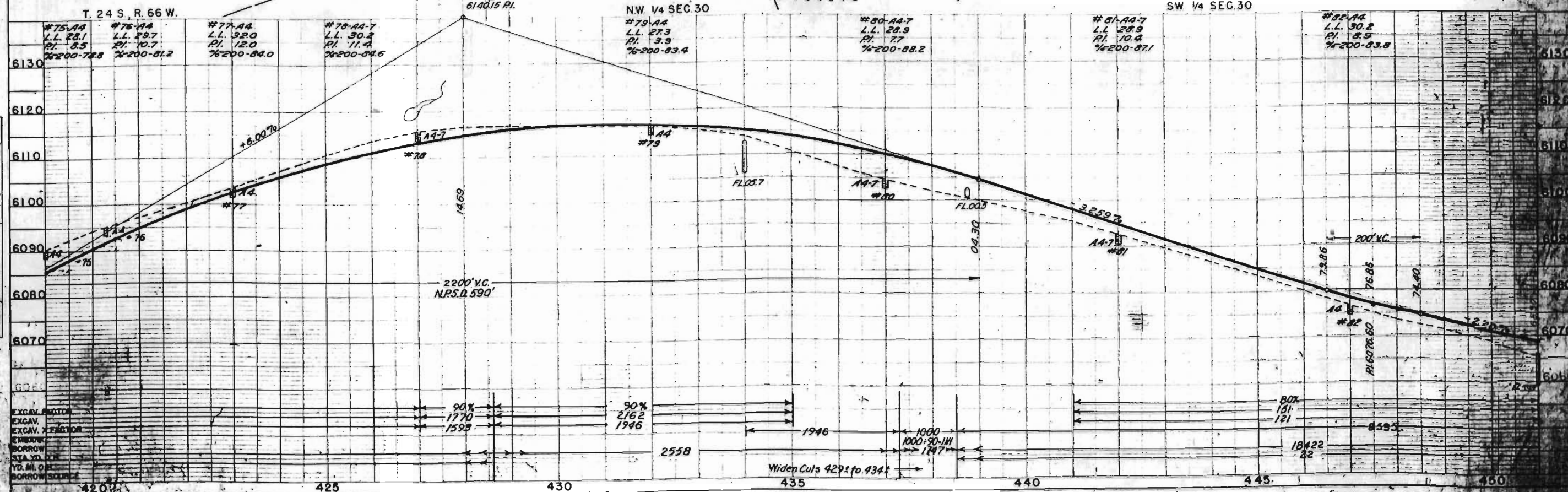
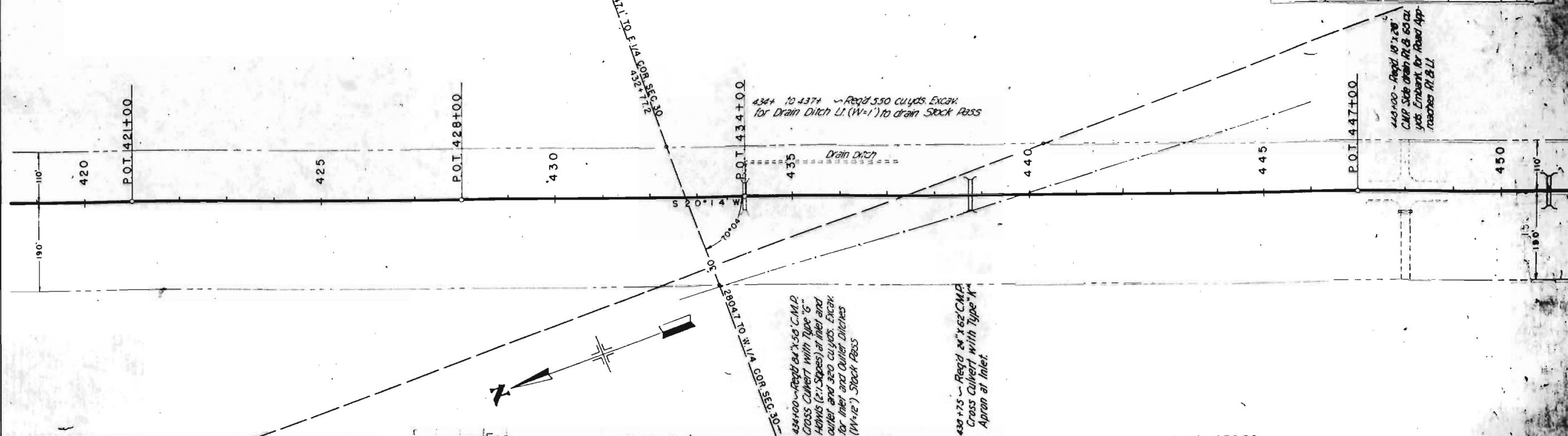
*74-A4
L.L. 29.0
P.I. 9.2
1/4-200-85.2

*75-A4
L.L. 29.1
P.I. 8.5
1/4-200-70.5

NE. 1/4 SEC. 30

N. 1/2 SE. 1/4 SEC. 30

FED. ROAD DIST. NO.	STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F.I. 296 (13)	40	



SW 1/4 SEC.30

NW 1/4 SEC.31

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F.I. 296 (13)	41	•

451+ to 456+ ~ Req'd 650 cu. yds.
Excav. for Drain Ditch Lt. (W-1)
to drain Stock Pass.

Drain Ditch

P.O.T. 456+00

460

463+00 ~ Req'd 24'x24" CMP Cross
Culvert with Type "K" Apron at
inlet and 5 cu. yds. Excav. for Inlet
and Outlet Ditches (W-1)

P.O.T. 470+00

475

480

S 20°14' W

N

T.24 S., R.66 W.

451+00 ~ Req'd 44'x30" CMP
Cross Culvert with Type "G"
Apron at inlet and 255 cu. yds. Excav.
for Inlet & Outlet Ditches
(W-12) Stock Pass

477+00 ~ Req'd 30'x22" CMP
Cross Culvert with Type "K"
Apron at inlet and 5 cu. yds.
Excav. for Outlet Ditch (W-1)

#83-A4-7
L.L. 31.1
P.I. 9.8
%200-82.6

#84-A4
L.L. 32.4
P.I. 12.8
%200-83.8

#85-A7
L.L. 37.1
P.I. 13.1
%200-82.4

#86-A7
L.L. 37.9
P.I. 14.6
%200-88.6

#87-A4-7
L.L. 29.5
P.I. 10.5
%200-53.8

#88-A4
L.L. 36.4
P.I. 15.9
%200-50.7

#89-A4
L.L. 34.4
P.I. 11.8
%200-67.0

#90-A4-7
L.L. 33.9
P.I. 10.5
%200-78.1

#91-A4-7
L.L. 33.6
P.I. 12.4
%200-78.1

#92-A4-7
L.L. 33.3
P.I. 11.1
%200-77.5

#93-A7
L.L. 38.1
P.I. 21.1
%200-84.8

