

FED. ROAD DIV. NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	FO14-1 (I)	1	

Rev. 7-26-51-J.C.R.
REV. 8-28-51- STONE SCREEN SOURCE, SKETCH MAP

INDEX OF SHEETS

- SHEET NO. 1 SKETCH MAP AND TITLE PAGE; TABULATION OF LENGTH AND DESIGN DATA.
2 TYPICAL SECTIONS AND SUMMARY OF QUANTITIES.
3 LIST OF STRUCTURES, SURFACING AND BALLAST PLANS: TABULATIONS OF TIMBER GUARD POSTS & CMP CULVERTS TO BE CLEANED & STRAIGHTENED.
4 PIT LOCATIONS.
5 STANDARD HEADWALLS AND APRONS FOR CMP CULVERTS.
6 STANDARD TIMBER GUARD POSTS.
7 STANDARD MARKER POSTS.
8 STANDARD METHODS FOR SUPERELEVATION & WIDENING OF CURVES.
9 STANDARD SIDE APPROACH ROADS, FLARING, CUT SLOPE TREATMENT & WIDENING AT BRIDGES & AT CREST OF GRADES.
10 STANDARD ROADWAY CONSTRUCTION TRAFFIC SIGNS.
11-19 ALIGNMENT PLAN AND PROFILE.
20-39 ROADWAY CROSS SECTIONS.
39 SUMMARY OF EARTHWORK QUANTITIES.

COLORADO

STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. FO14-1 (I) STATE HIGHWAY NO. 91 SUMMIT & LAKE COUNTIES

M-102-G
M-19-C
M-7-B
M-1-B

M-2-DM
M-2-DS

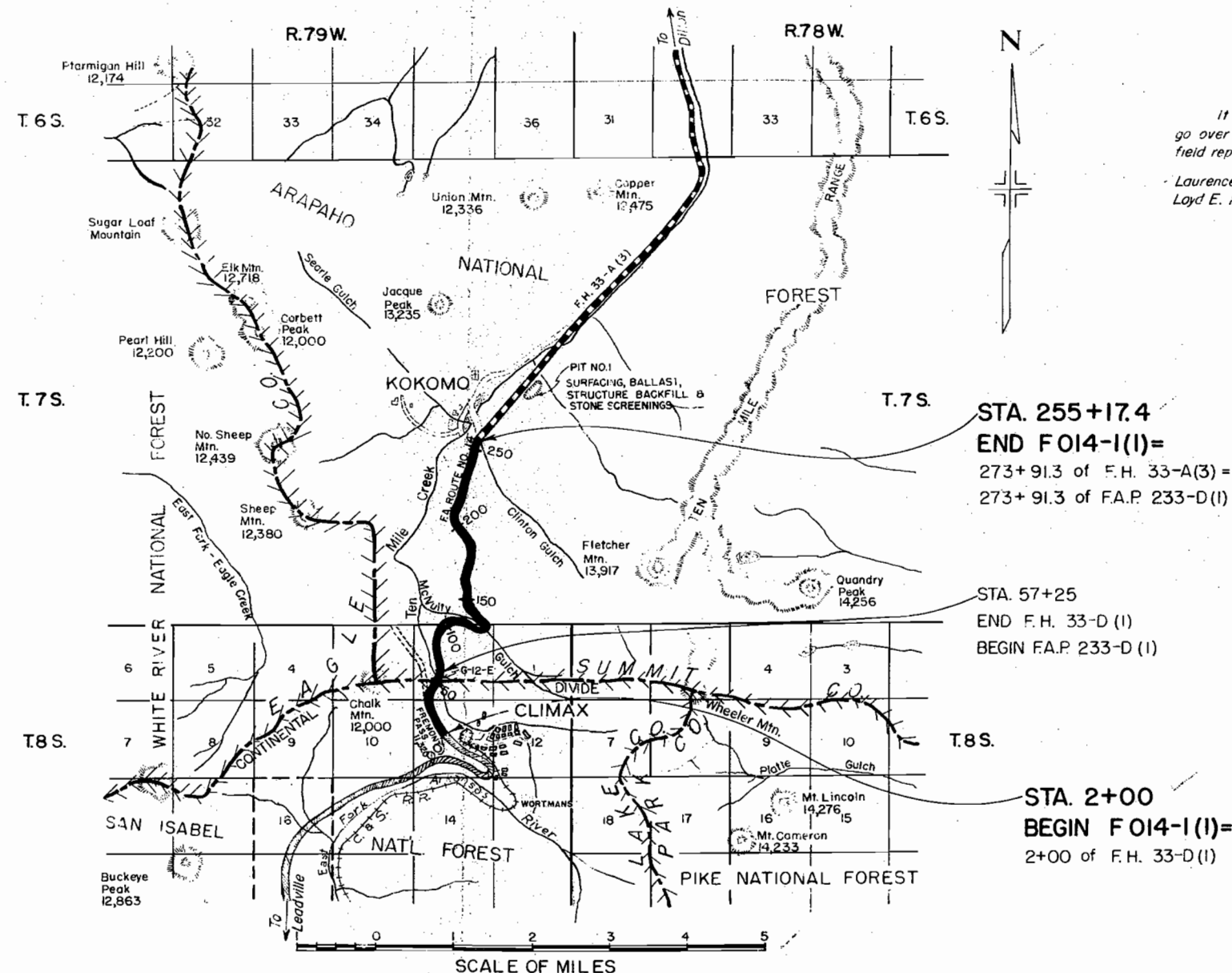
SCALES OF ORIGINAL TRACINGS
ON PLAN 1 IN. = 100 FT.
ON PROFILE 1 IN. = 100 FT. HORIZONTAL
1 IN. = 10 FT. VERTICAL
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
GROSS LENGTH OF PROJECT 25,275.0 feet = 4.787 miles
NET LENGTH OF PROJECT

CONVENTIONAL SIGNS

CENTER LINE OF SURVEY
RIGHT OF WAY LINES
COUNTY LINES
TOWNSHIP LINES T.7S., R.79W.
SECTION LINES T.8S., R.79W.
QUARTER SECTION LINES
PROPERTY OR TRACT LINES
CITY LIMITS
WIRE CABLE GUARD FENCE
TELEPHONE & TELEGRAPH LINES
POWER LINES
PRESENT ROAD

TABULATION OF LENGTH & DESIGN DATA

STATION	ROADWAY	BRIDGES	
	LIN. FT.	L.N. FT.	LOADING
2+00 Beg. FO14-1(I)= 2+00 of F.H. 33-D(1) 49+70 San Isabel & Arapaho Forest Boundary Summit-Lake Co. Line 50+70 Bridge End Ten Mile Creek 51+83 Bridge End 57+25 End Project F.H. 33-D(1) Begin F.A.P. 233-D(1) 121+61.0 Bk. EQUA. 122+02.0 Ah. EQUA. 199+19.0 Bk. EQUA. 199+20.4 Ah. 255+17.4 End FO14-1(I)= 273+91.3 of F.H. 33-A(3) 273+91.3 of F.A.P. 233-D(1)	4,870.0 5,42.0 6,436.0 7,717.0 5,597.0	113.0	H-15
TOTALS	25,162.0	113.0	
SUMMARY		LIN. FT.	MILES
ROADWAY		25,162.0	4.766
BRIDGES		113.0	.021
TOTALS		25,275.0	4.787
DESIGN DATA			
Maximum Degree of Curve		30°	
Maximum Grade		6.0%	
Maximum N.P.S.D.-Horizontal		310'	
Maximum N.P.S.D.-Vertical		356'	
Maximum Design Speed		40MPH.	



NOTICE TO BIDDERS

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

Laurence C. Bower, Construction Engineer, Steamboat Springs
Lloyd E. House, Resident Engineer, Dillon

HIGHWAY DEPARTMENT STATE OF COLORADO	
RECOMMENDED FOR APPROVAL:	6-21-51
<i>James B. Bower</i>	DATE
ASSISTANT ENGINEER	
APPROVED:	6-21-51
<i>Mark B. Watson</i>	DATE
STATE HIGHWAY ENGINEER	

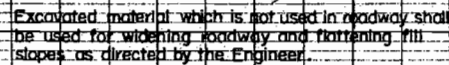
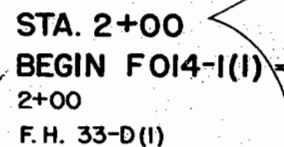
DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS	
RECOMMENDED FOR APPROVAL:	
DISTRICT ENGINEER	DATE
APPROVED:	
DIVISION ENGINEER	DATE

NOTE:
✓ Alignment and Grades as shown are subject to modification during construction after approval by the Denver Office.

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

✓ Guard Posts are tabulated on sheet No. 3.

Rev. Land Description - 7-26-51 - J.C.R.

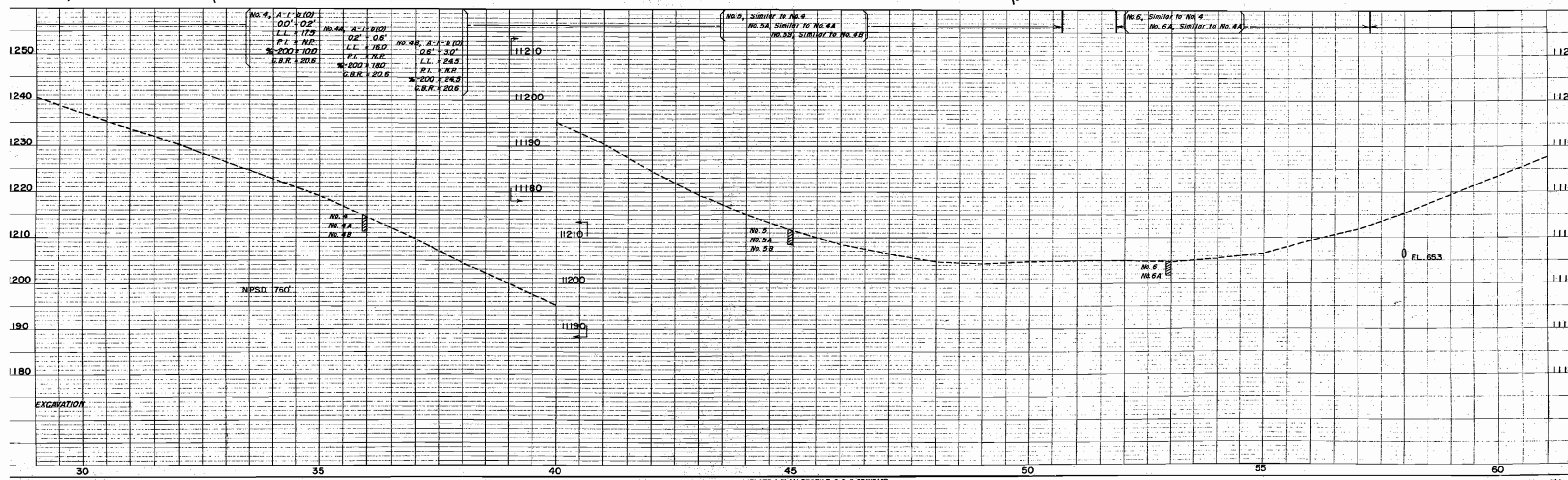
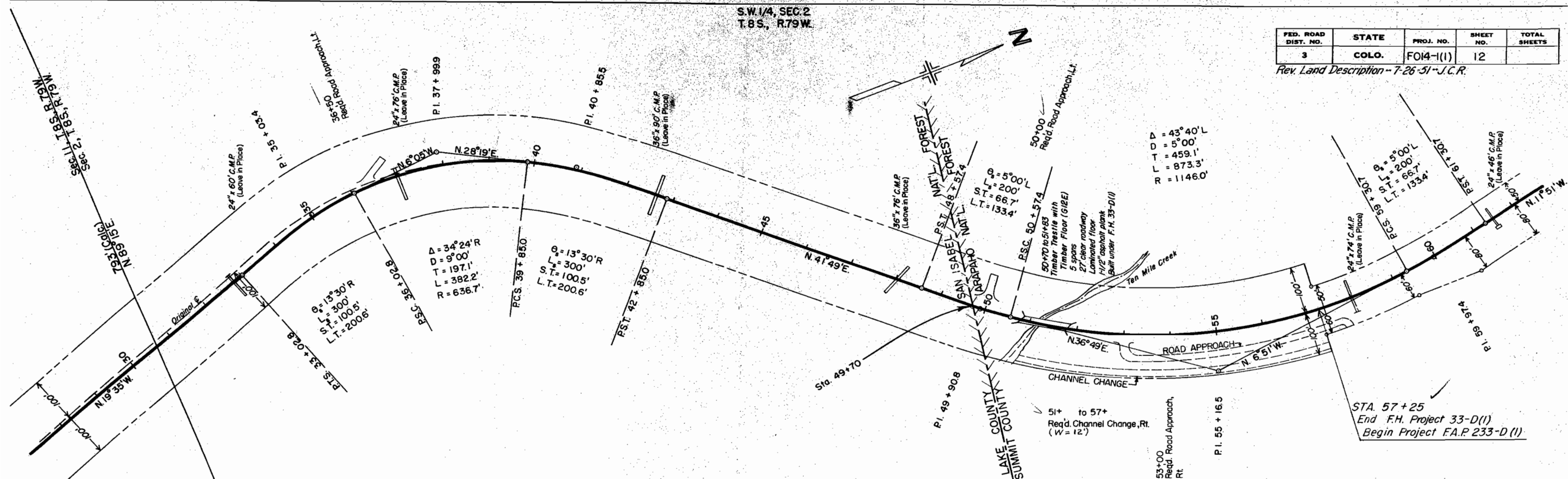


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On IMPERIAL Tracing Cloth

S.W. 1/4, SEC. 2
T.8S., R.79W.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	FO14-1(1)	12	

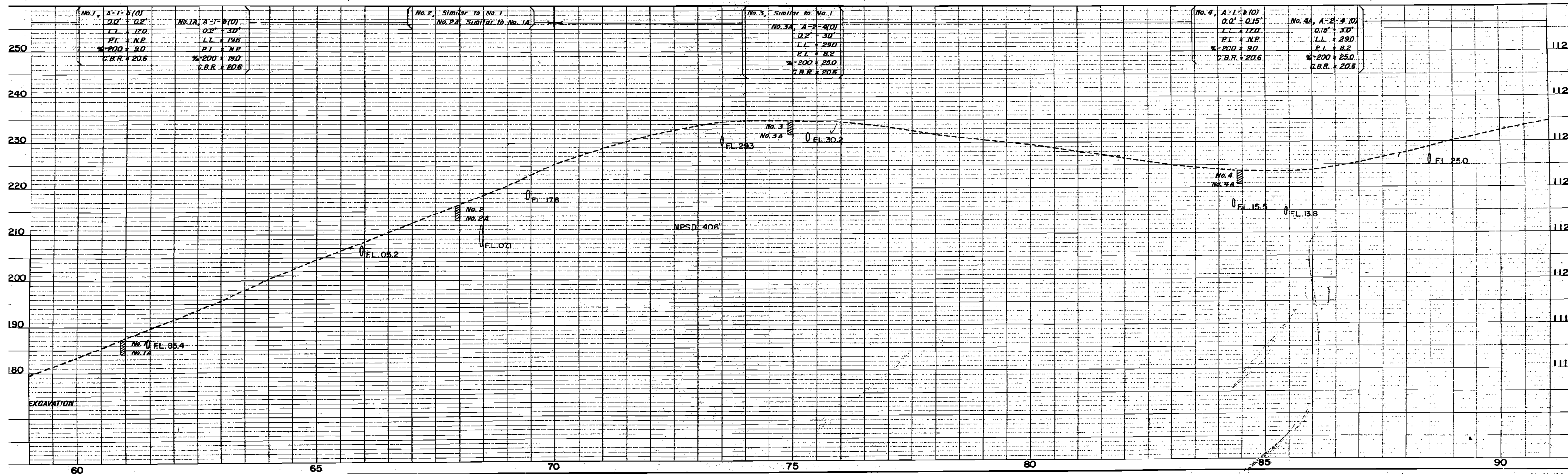
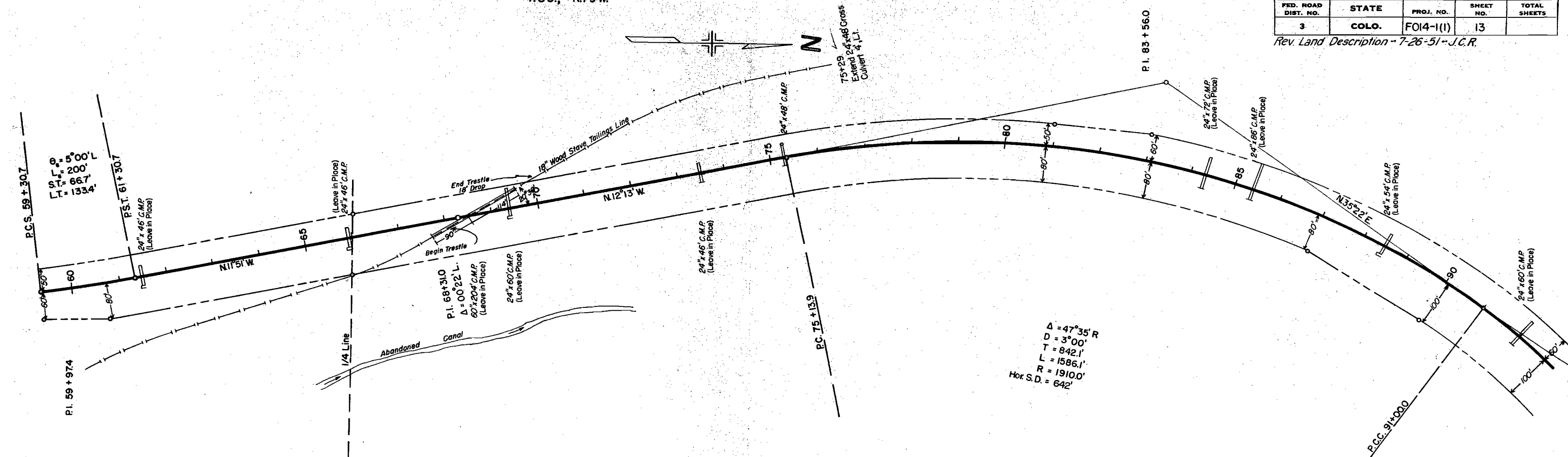
Rev. Land Description - 7-26-51-J.C.R.



N.W. 1/4, SEC. 2
T. 8 S., R. 79 W.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	FO14-1(1)	13	

Rev. Land Description - 7-26-51 - J.C.R.

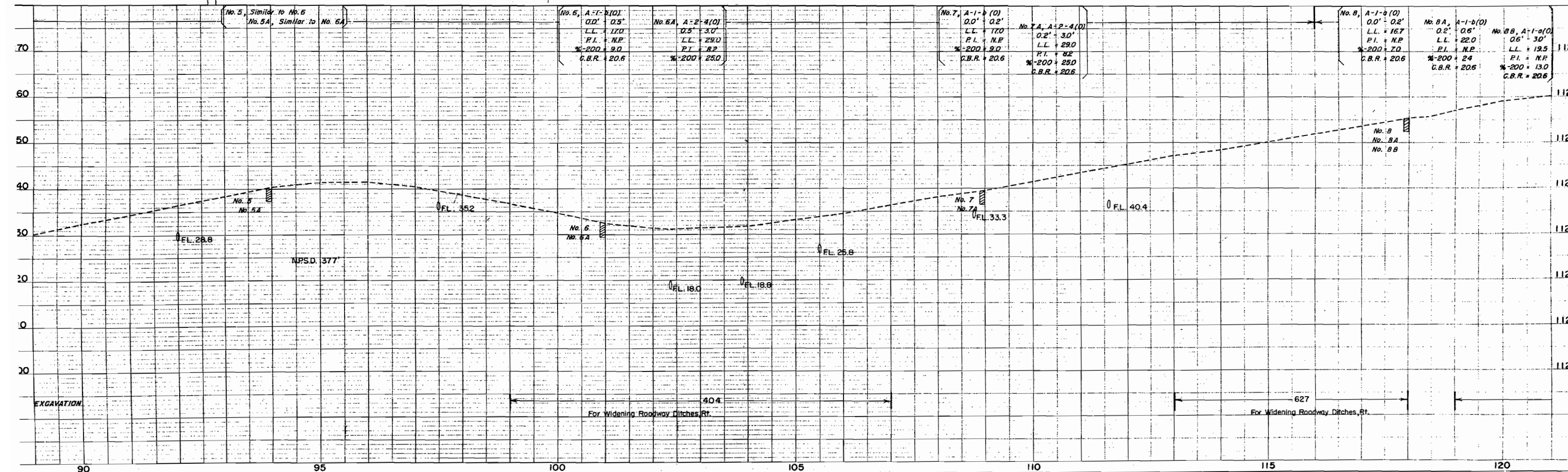
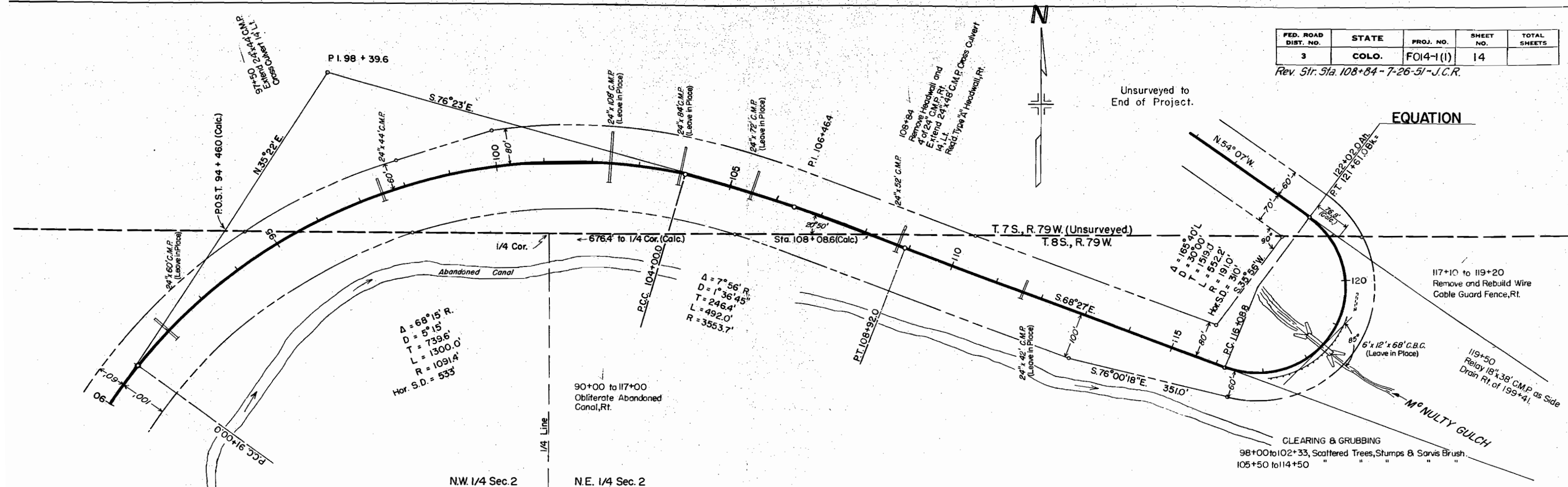


FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	FOI4-1(1)	14	

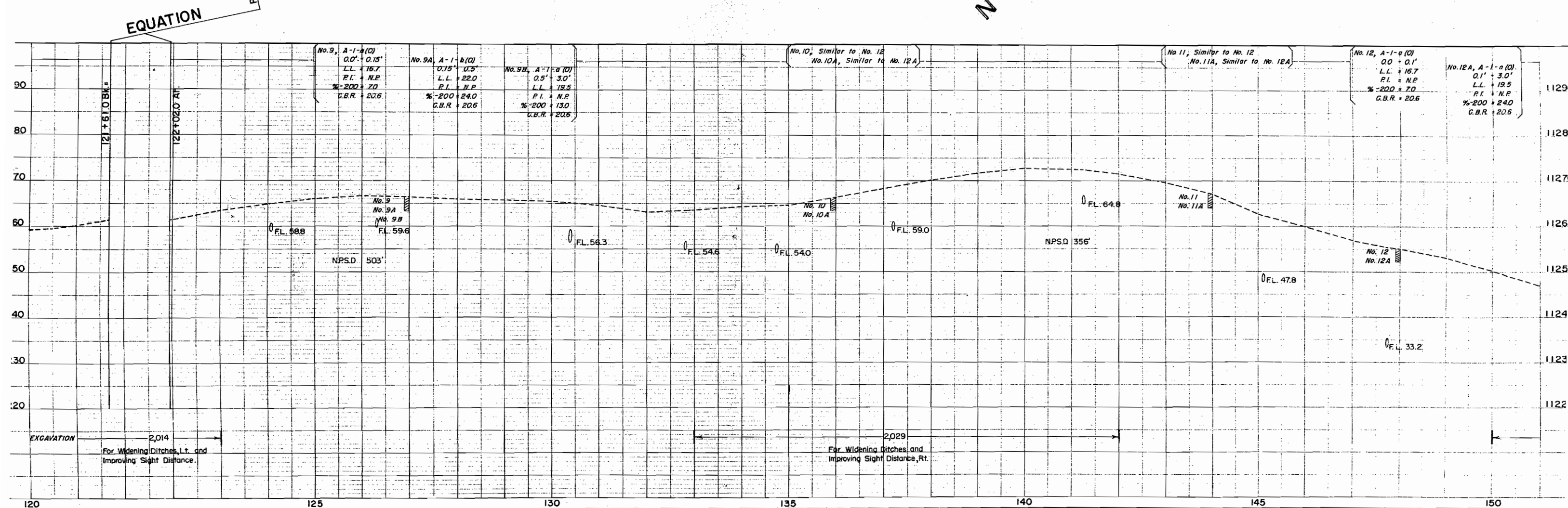
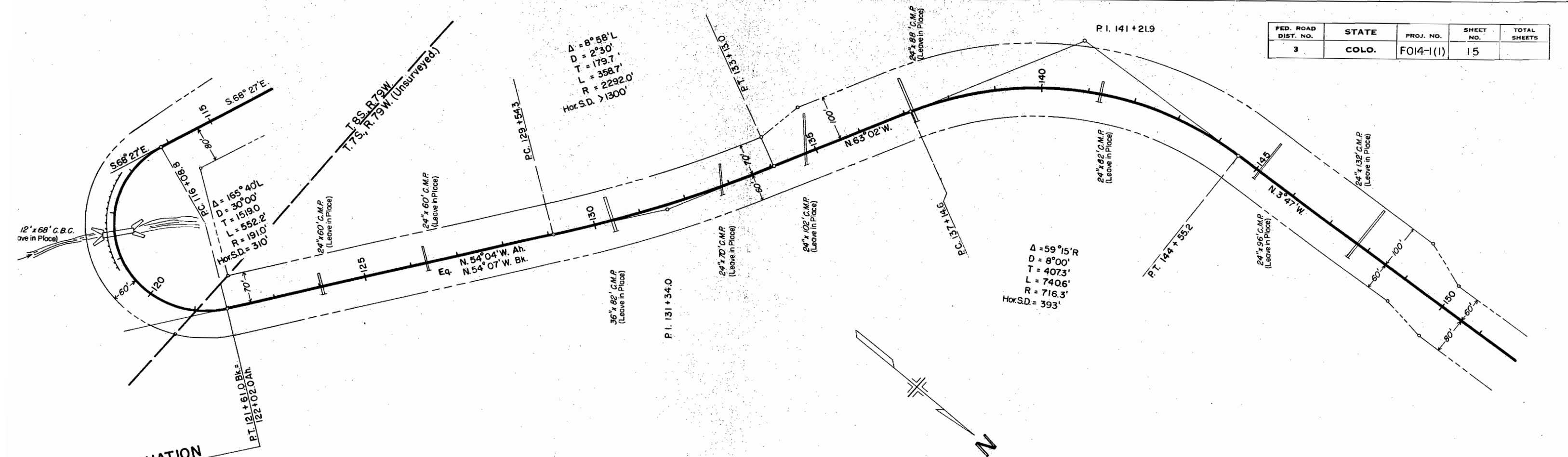
Rev. Str. Sta. 108+84 - 7-26-51-J.C.R.

Unsurveyed to End of Project.

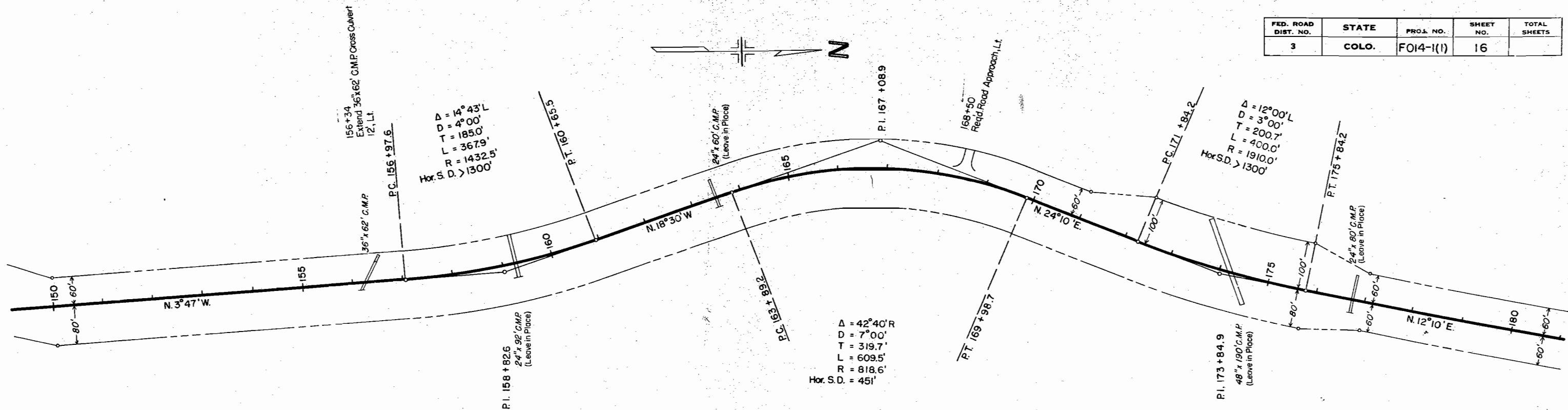
EQUATION



FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F014-1(1)	15	

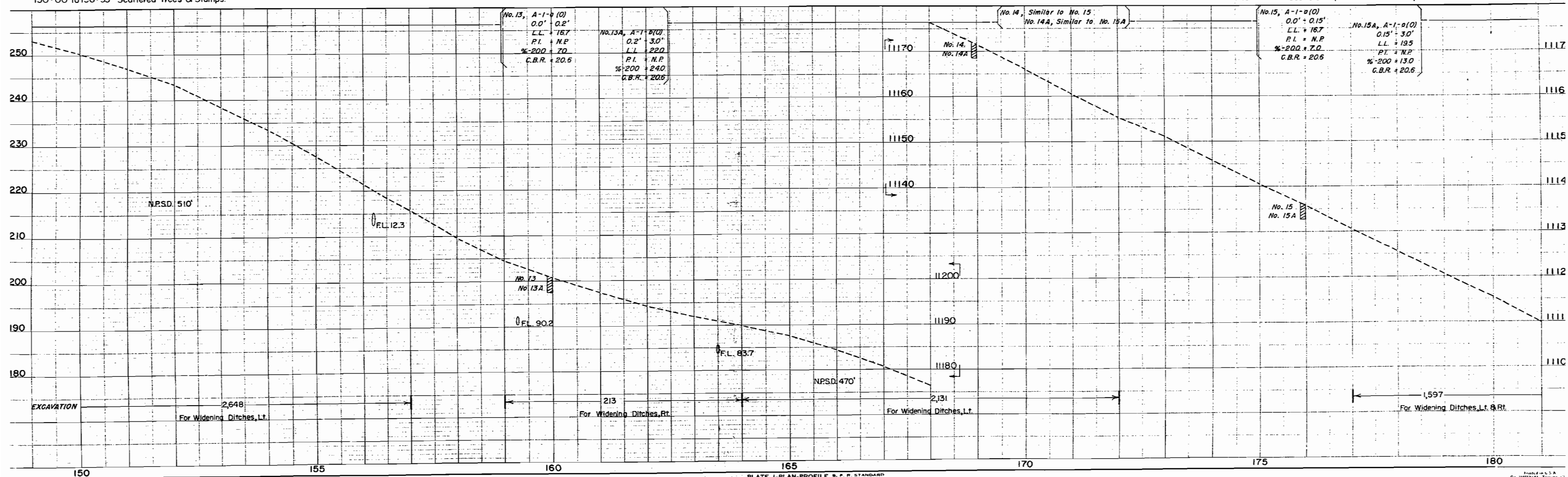


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3	COLO.	FOI4-1(1)	16	

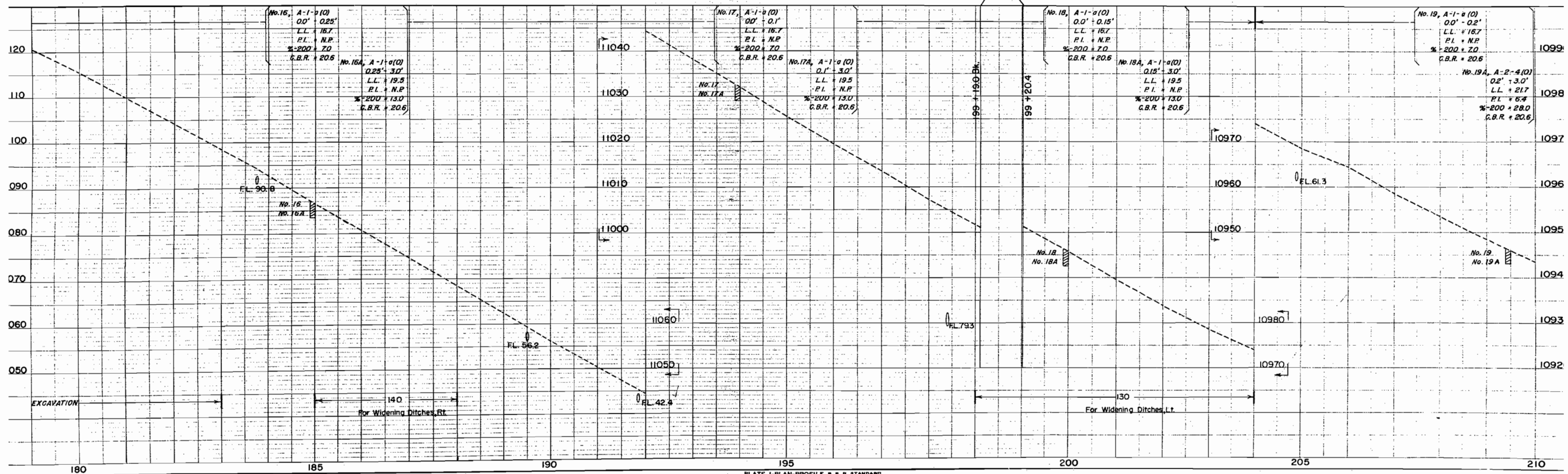
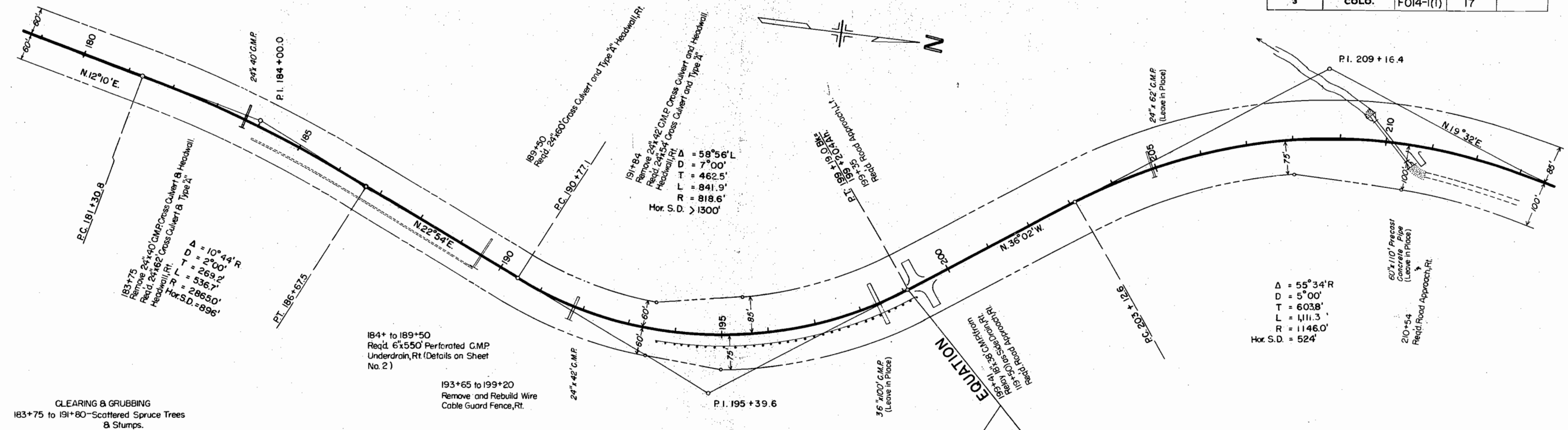


CLEARING & GRUBBING
150+00 to 156+35 Scattered Trees & Stumps.

CLEARING & GRUBBING
166+00 to 169+50 Heavy Spruce Trees & Stumps
176+70 to 182+00 Scattered Spruce Trees & Stumps.



FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	F014-1(1)	17	



FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	FO14-1(1)	18	

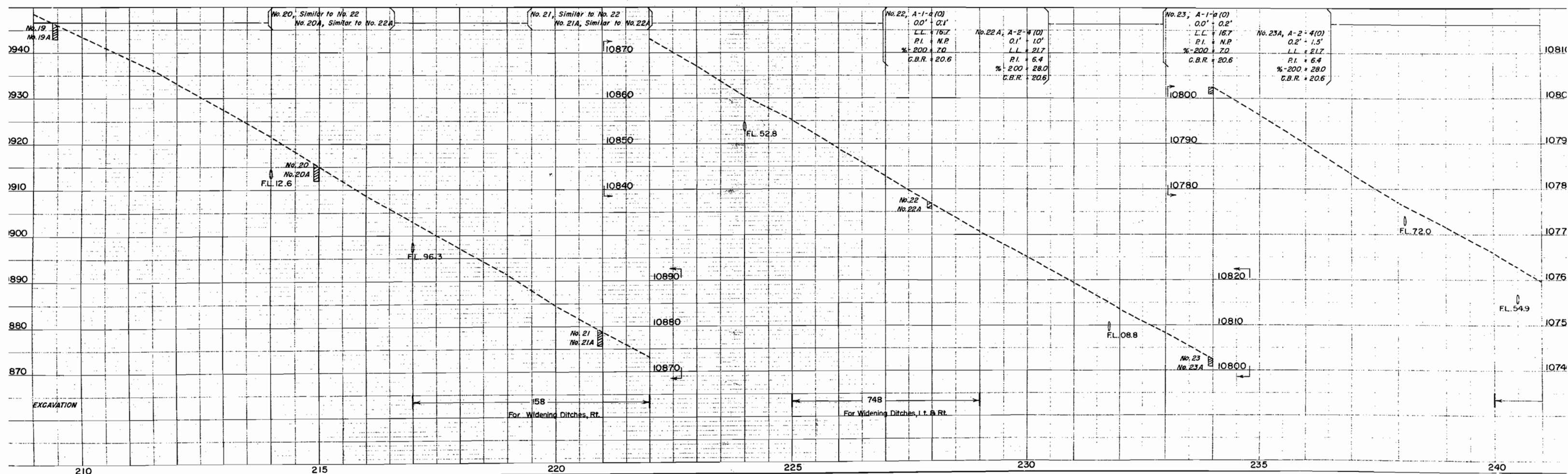
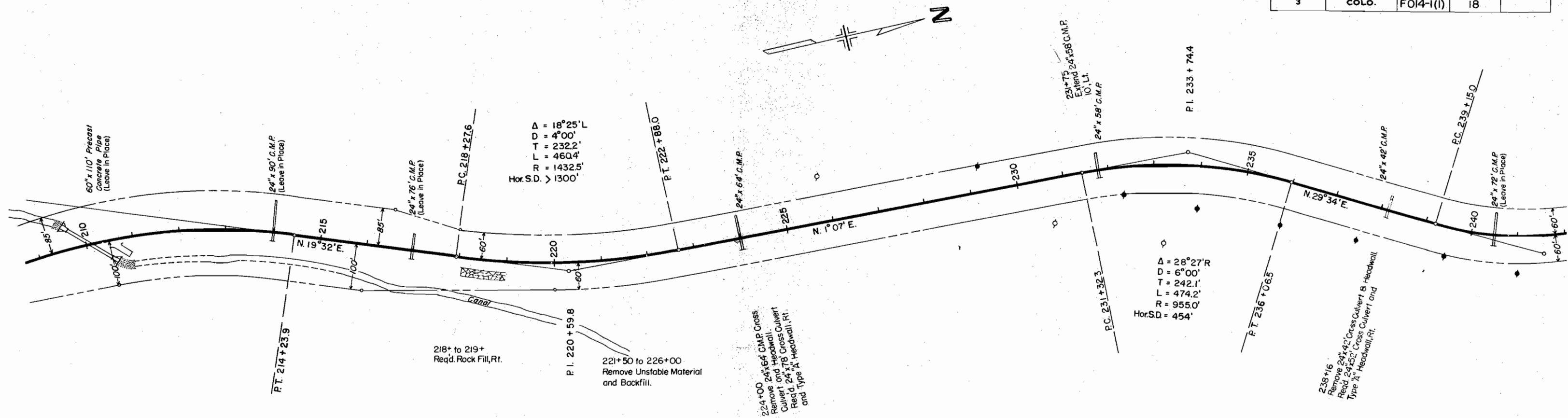


PLATE I-PLAN-PROFILE B. P. R. STANDARD
EUGENE DIEZEL CO., Chicago New York

