



**COLORADO**  
Department of  
Transportation

# **DOCUMENT SEPARATOR SHEET**

## **REGION 5 – JUNE 2017 CONVERSION**

To be placed at the beginning of each separator sheet.



r500001551

**Description:**

ROW Plans 11X17

**Route # and Mile Points:**

US 24

**Originating Office:**

ROW/Survey

**File Name:**

NRH 248G\_ROW(.PDF)

**Box Location:**

25 of 38

Methods shown  
 except that  
 distance between  
 from one  
 minimum distance  
 will result  
 provide for  
 existing road as  
 road is to  
 and it is est.  
 for tempo

- 95a Combination Fence (Wood Posts)
- 95b Driveway Gates
- 96b 18" Corrugated Metal Siphon Pipe
- 101 Grading & Blading Detour

• Lump Sum

FAP NRIF 248-G

R.O.W. MARKERS

FENCING

LOCATION	SIDE	NR.	LOCATION	SIDE	NR.
0+00	R&L	2	160+00	L	2
18+00	R	2	160+60.2	"	1
28+00	"	2	162+02.2	"	1
40+02.9	"	1	162+95.6	R	1
40+37.0	L	1	165+00	"	2
6+00	R	2	191+05	"	1
66+00	L	2	191+33.2	L	1
69+88	R	1	215+10.5	"	1
70+72.4	L	1	216+53.7	R	1
79+00	L	2	223+04.8	"	1
83+00	R&L	4	223+71.5	L	1
98+32.3	"	2	227+00	R	2
111+00	"	4	233+00	"	2
113+00	"	4	256+45.3	"	1
117+52.7	L	1	256+54.2	L	1
118+51.1	R	1	257+45.8	R	1
122+00	"	2	257+54.5	L	1
124+00	L	2	278+00	R&L	2
129+66.1	R	1	12+90.1	R	1
130+00	L	2	12+74.9	L	1
130+58	L	1			
134+00	R	2			
154+00	L	2			
157+00	R	2			
159+48.7	"	1			
TOTAL					72

LOCATION	STA.
0+00-10+87	R&L
0+00-12+87	Cro
8+00-10+87	
10+80-53+69	R&L
45+33	"
47+28	"
53+50	"
83+00-95+00	R
99+00-111+00	Cro
82+00-111+00	R&L
121+00-127+00	R
164+50	Cro
163+50-191+33	R&L
172+00-192+00	R&L
191+50-192+63	R
239+00-274+20	Cro
238+64-274+20	R&L
261+00	Cro
274+00	
TOTALS	

7148 - 1 P  
 7149 - 1 P  
 7150 - 1 L

OK

Check 1920 4.00  
 Check 1921 1.00

12400	R	1	✓
12401	R	1	✓
12402	R	1	✓
12403	R	1	✓
12404	R	1	✓
12405	R	1	✓
12406	R	1	✓
12407	R	1	✓
12408	R	1	✓
12409	R	1	✓
12410	R	1	✓
12411	R	1	✓
12412	R	1	✓
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12414	R	1	✓
12415	R	1	✓
12416	R	1	✓
12417	R	1	✓
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12498	R	1	✓
12499	R	1	✓
12500	R	1	✓

1921+51 L 1  
 1921+49 R 1

12500  
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 12599  
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Total 12600

FED. ROAD DIST. NO.	STATE	PER. AID PROJ. NO.	DATE

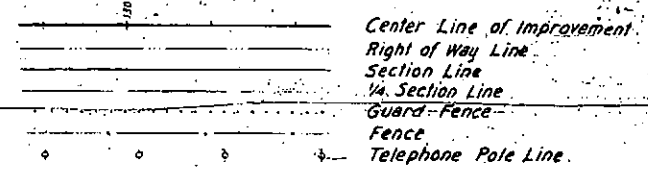
# COLORADO STATE HIGHWAY DEPARTMENT

## PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT N.R.H. 248-G STATE HIGHWAY NO. 4 CHAFFEE COUNTY

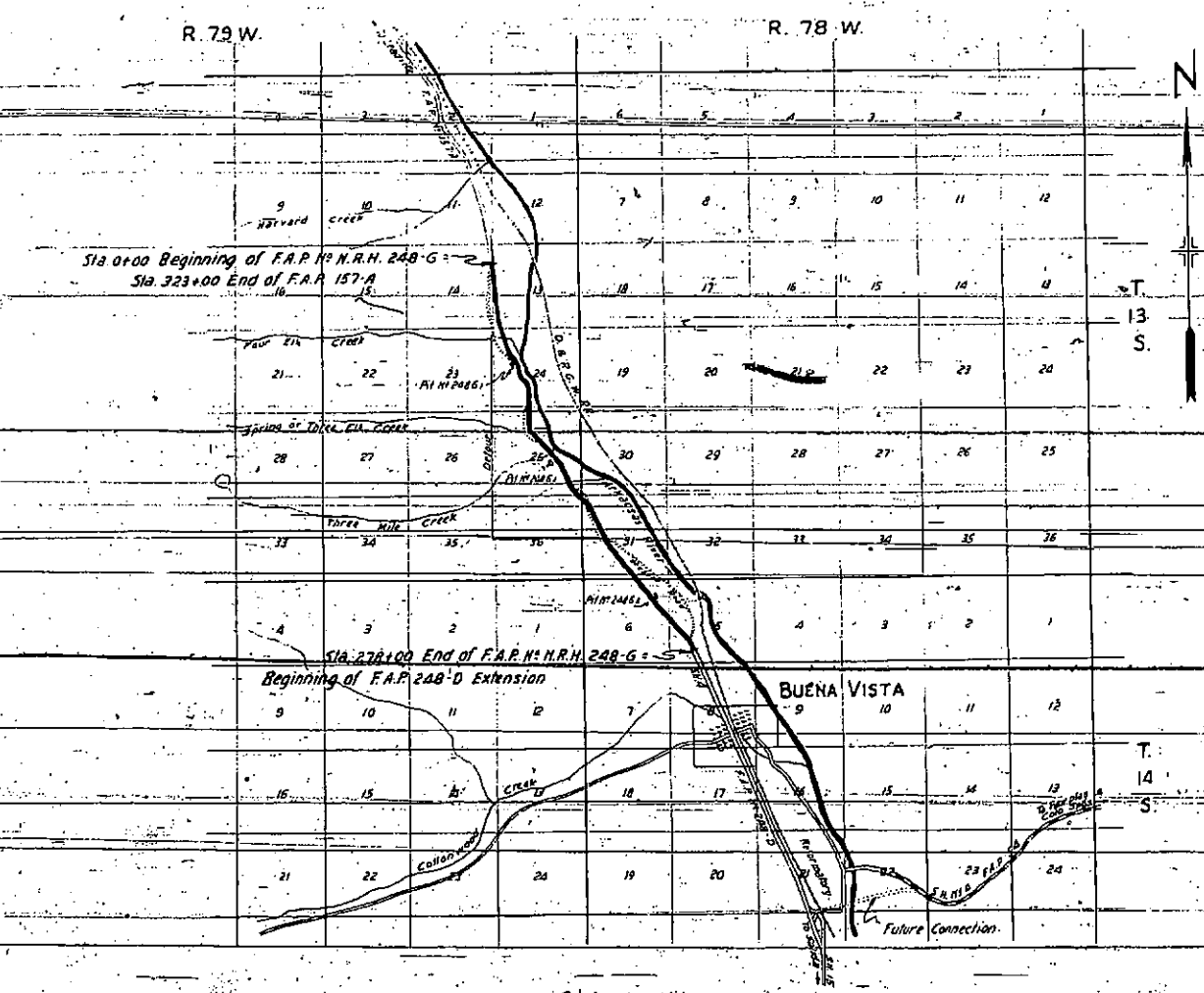
### INDEX OF SHEETS

- |       |  |         |
|-------|--|---------|
| 1     | Title Sheet and Sketch Map                                     | M-1-A   |
| 2     | Typical Cross Section of Improvement and Summary of Quantities | M-20-F  |
| 3     | Standard Super-elevation and Widening of Curves                | M-24-F  |
| 4     | Guard-Fence  | M-102-E |
| 5     | Wire Fences and Marker Posts                                   | M-104-D |
| 6     | Headwalls for C.M.P. Culverts                                  | M-123-A |
| 7     | Concrete Box Culverts  |         |
| 8     | Siphons  |         |
| 9-17  | Plan and Profile Sheets  |         |
| 18-23 | Cross Sections   |         |

### CONVENTIONAL SIGNS



**SCALES**  
 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 } 27702.2 FT. = 5.246 MILES  
 NET LENGTH OF PROJECT }



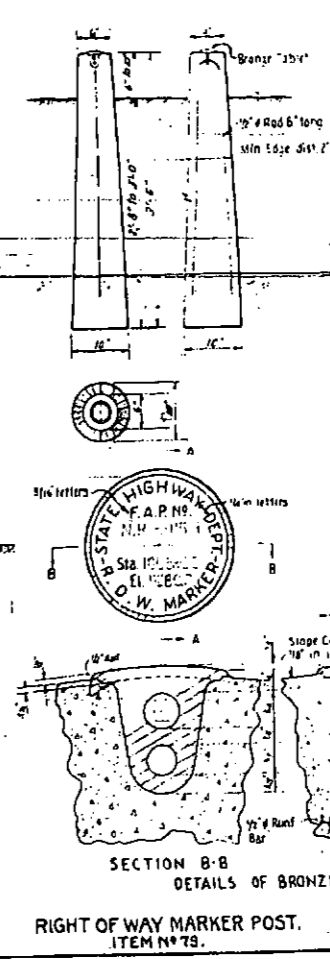
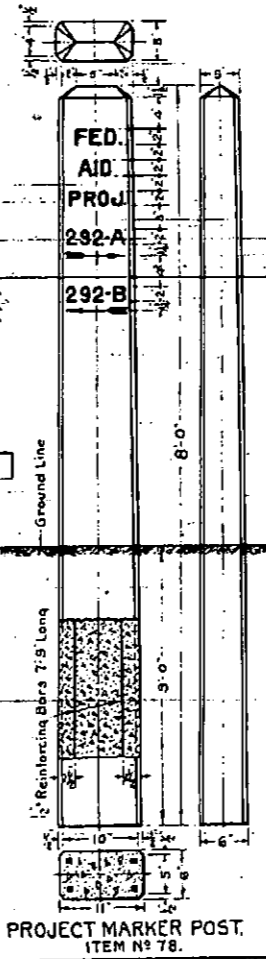
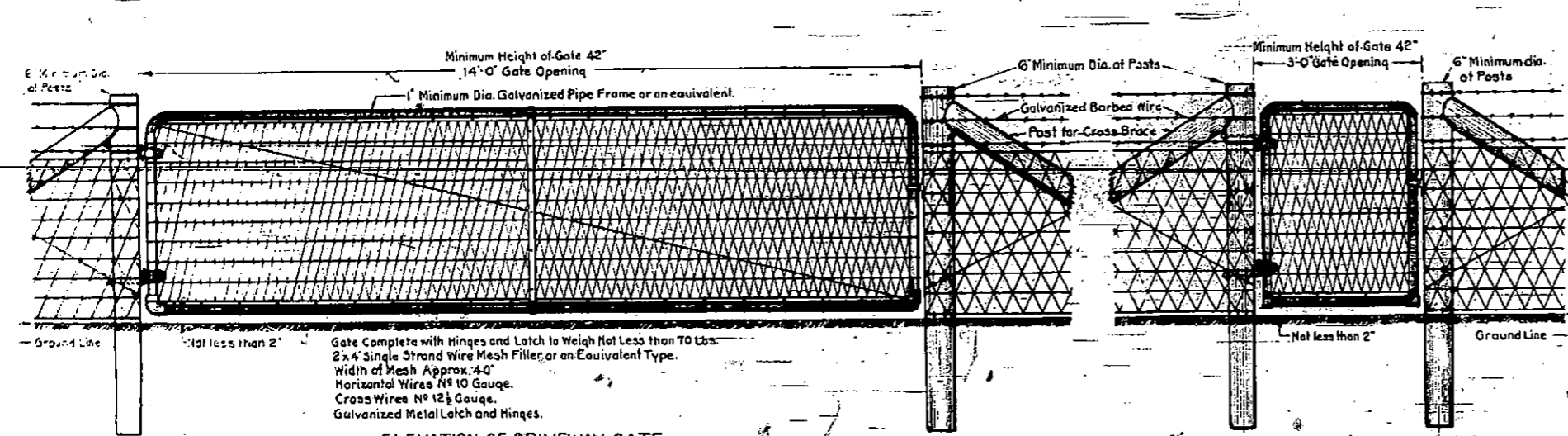
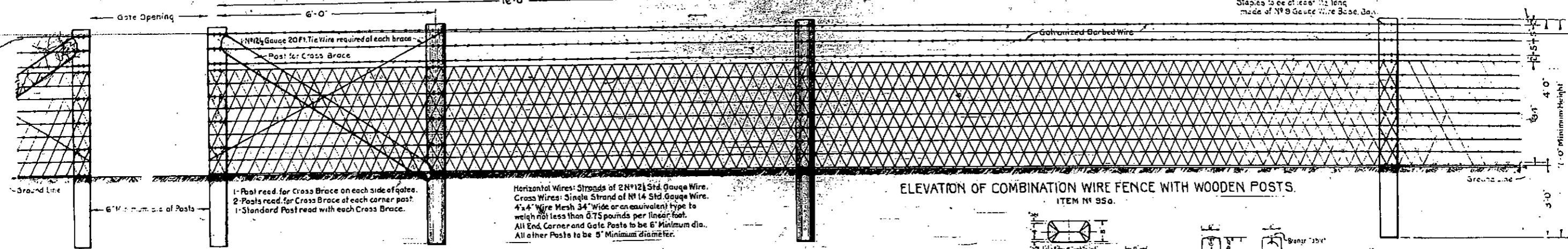
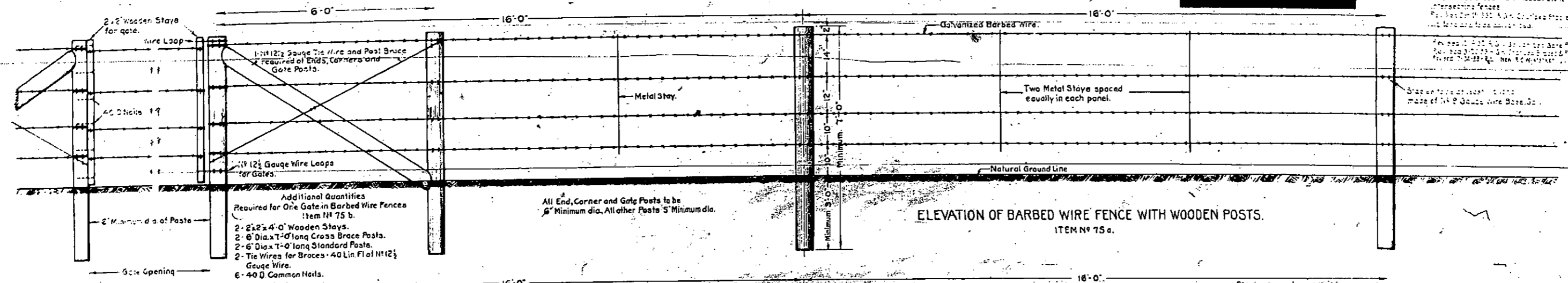
Scale 1" = 1 Mile

RECOMMENDED FOR APPROVAL *g/l/p*  
 ASSISTANT ENGINEER  
 APPROVED *Chas. Vail*  
 STATE HIGHWAY ENGINEER  
 RECOMMENDED FOR APPROVAL  
 DIST. ENG. BUREAU PUBLIC ROADS  
 RECOMMENDED FOR APPROVAL  
 CHIEF ENG. BUREAU PUBLIC ROADS  
 APPROVED  
 DIST. ENG. BUREAU PUBLIC ROADS



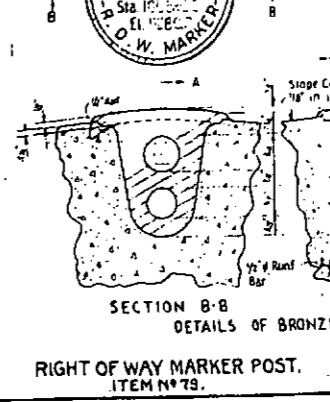
# STANDARD M-24-F

STATE HIGHWAY DEPARTMENT  
 COLORADO  
 DIVISION OF HIGHWAYS  
 DIVISION OF BRIDGES



**NOTES FOR PROJECT MARKER POSTS.**  
 All Letters and Numbers shall be 2" High Letters and Numbers  
 Stenciled on the Concrete with a width of 1/2" of Black Paint. See  
 Item N° 41, 'Standard Field Signs, Open  
 Numbers and arrows shall show the proper numbers and directions  
 of the projects each way from where the post is placed.  
 Posts shall be placed in the center of the right of way project five  
 feet beyond edge of shoulder in such position that the sign  
 angles shall be 45 degrees to the center line of the roadway.  
 All work shall be done in accordance with Standard Specifications of the  
 Colorado State Highway Department, adopted on Jan. 1, 1930.  
 Posts shall be made of Class 'D' Concrete (Slump 2 to 3) and use White Portland  
 Cement.  
 All exposed surfaces shall be rubbed free of form marks.

**NOTES FOR R.O.W. MARKER POSTS.**  
 All work shall be done in accordance with Standard Specifications of the Colorado  
 State Highway Department, adopted on Jan. 1, 1930.  
 All exposed surfaces of the Bronze Tablet are to be ground to a smooth surface.  
 All letters are to be depressed a minimum of 1/8 inch.  
 Information on the Bronze Tablet indicated by pin lines is to be stamped in the  
 field by the engineering party after post is placed. The letters & figures to be used  
 shall be made of Class 'A' Concrete.  
 The upper 12 inches of marker shall be rubbed free of form marks, and the top  
 surface of marker must be constructed to drain thoroughly.



**COLORADO STATE HIGHWAY DEPARTMENT**  
**STANDARD WIRE FENCES AND MARKER POSTS**  
 Designed by AGK Approved by O. S. Bailey  
 Made by AGK Bridge Engineer  
 Checked by G.H.D. Date: Feb. 1, 1932.

**GENERAL NOTES FOR WIRE FENCES.**

All work shall be done in accordance with the Standard Specifications of the  
 Colorado State Highway Department, Adopted January 1, 1930.  
 Barbed Wire shall be of Standard Make, not lighter than N° 12 1/2 Gauge. Galvanized  
 and with Two Point Barbs spaced not more than 5" apart.  
 Wire Mesh must be galvanized and not lighter than shown and noted on this plan.  
 Wire Mesh used in Driveway Gates shall be painted with an approved waterproof  
 asphalt or mineral paint.  
 Staples shall be at least 1 1/2" long, made of N° 9 Gauge Wire Base Galv., 8 Staples read.  
 per post for barbed wire fence and 14 Staples per post for Combination Wire Fence.  
 A. Wooden Posts shall be made from seasoned, straight, sound Lodge Pole Pine,  
 Savinara Yellow Pine or  
 B. Wooden Posts shall be entirely peeled and shaved, thoroughly seasoned and  
 dry before treatment.  
 All Wooden Posts shall be pressure treated with Creosote Oil for the full length  
 of posts as provided in the specifications.  
 Cross Braces, Brace Posts and Tie Wires are to be used at all places where intersecting fences are encountered.

DATE	BY	REVISION
1910	W.A.P.	1
Rev. as Const. 5-33		

N.W. 1/4 SECTION 13  
T.135-R.79W

S.1/4 SECTION 13  
T.135-R.79W

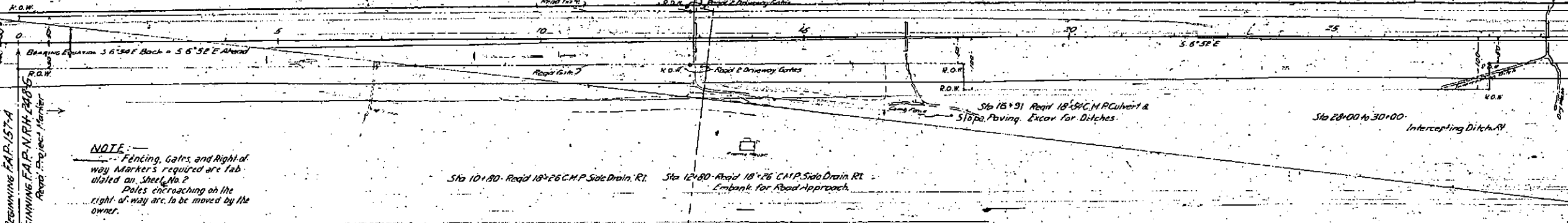
Sta 1+00 Req'd 18"x54" C.M.P.  
Cross Culvert and Unclsd. Excav.  
for Ditch. Slope Paving.

Sta 12+87 Req'd 18" C.M.P. Culvert  
Slope Paving Excav. for Ditches

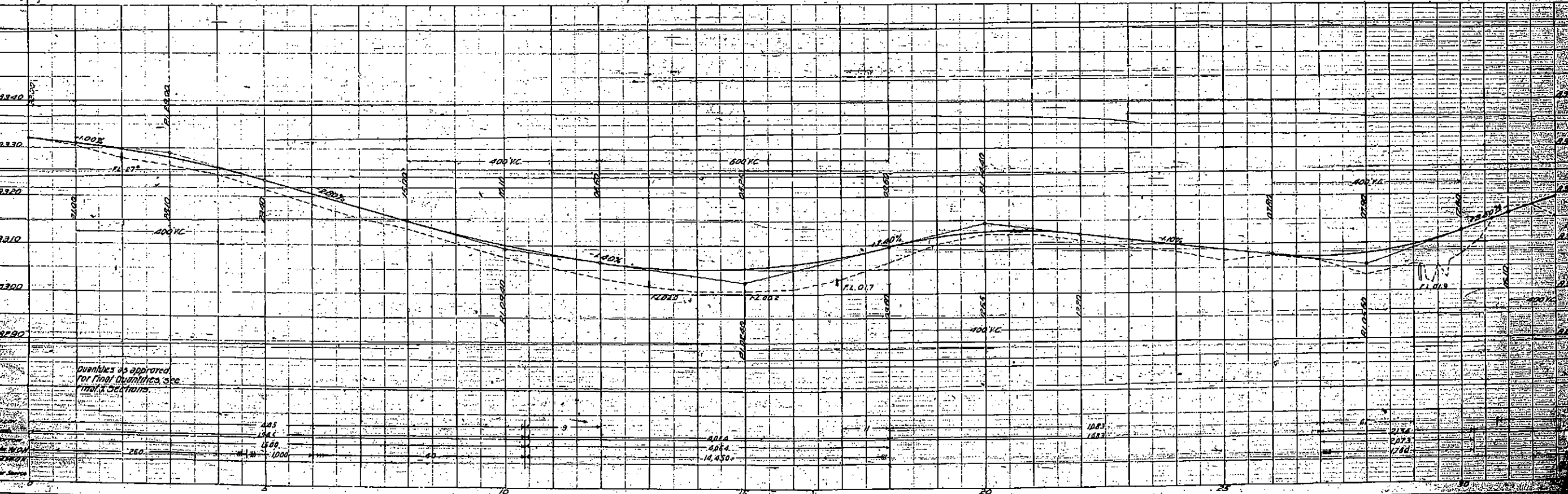
Sta 15+00 Req'd 36" S.C.M.P. Culvert  
Slope Paving

Sta 16+91 to 28+00  
Ditch Charge Lt.

Sta 28+15 Req'd 48" C.M.P. Culvert & 1' Minimum



N.E. 1/4 Section 14  
T.135-R.79W



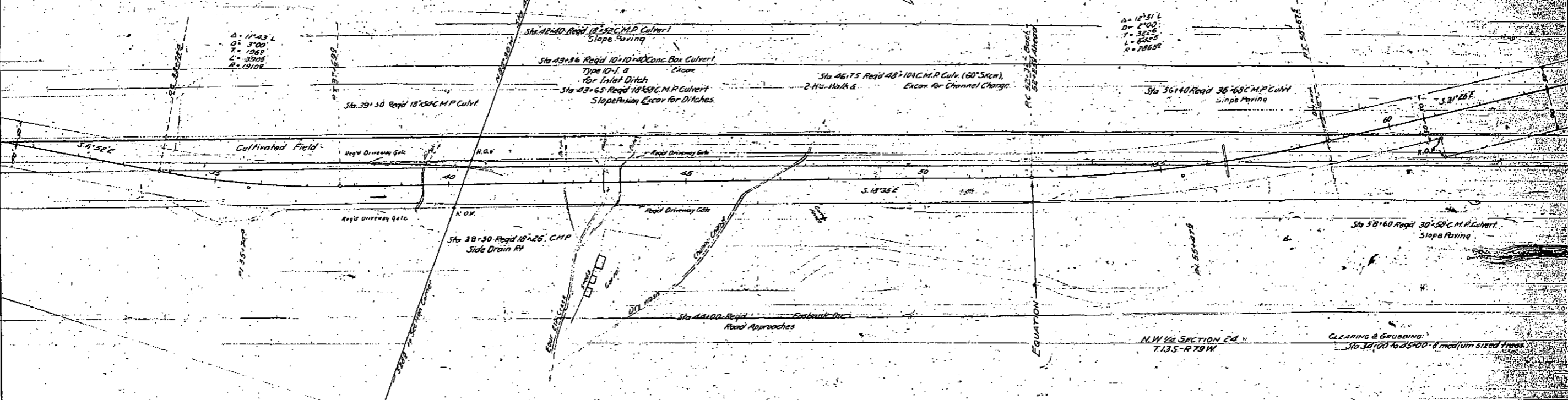
Quantities as approved  
for final quantities are  
final quantities.

REV. NO.	DATE	BY	REASON
1	10/1/68	W.E.B.	AS CONST.

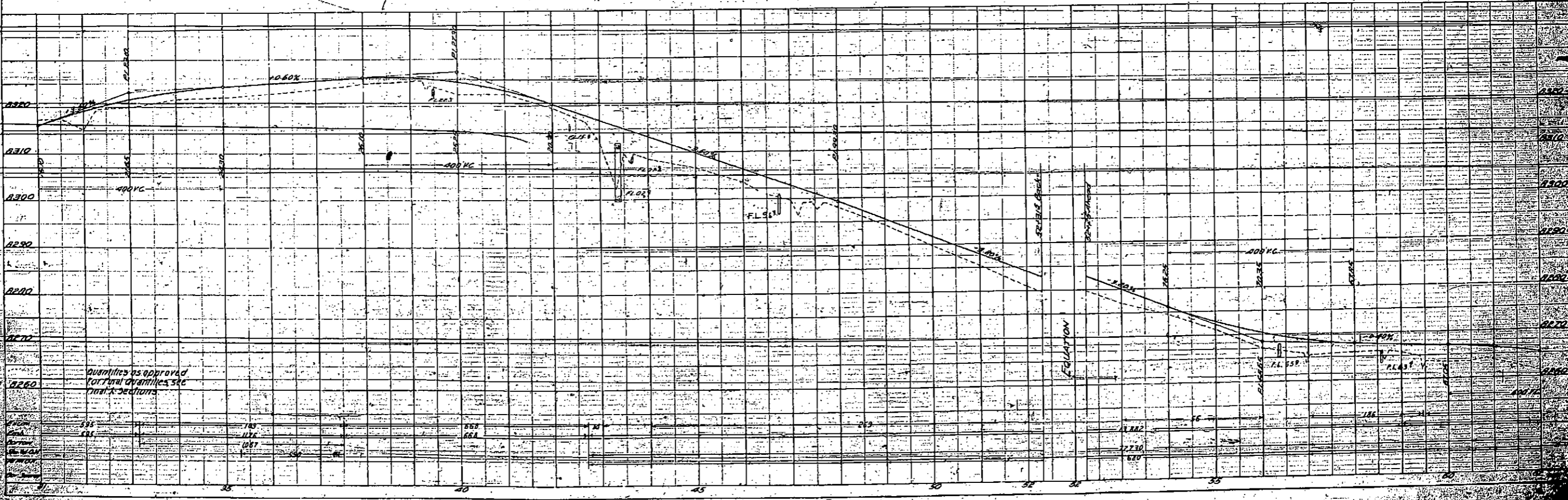
S.W. 1/4 SECTION 13  
T.13S-R.79W

N.W. 1/4 SECTION 24  
T.13S-R.79W

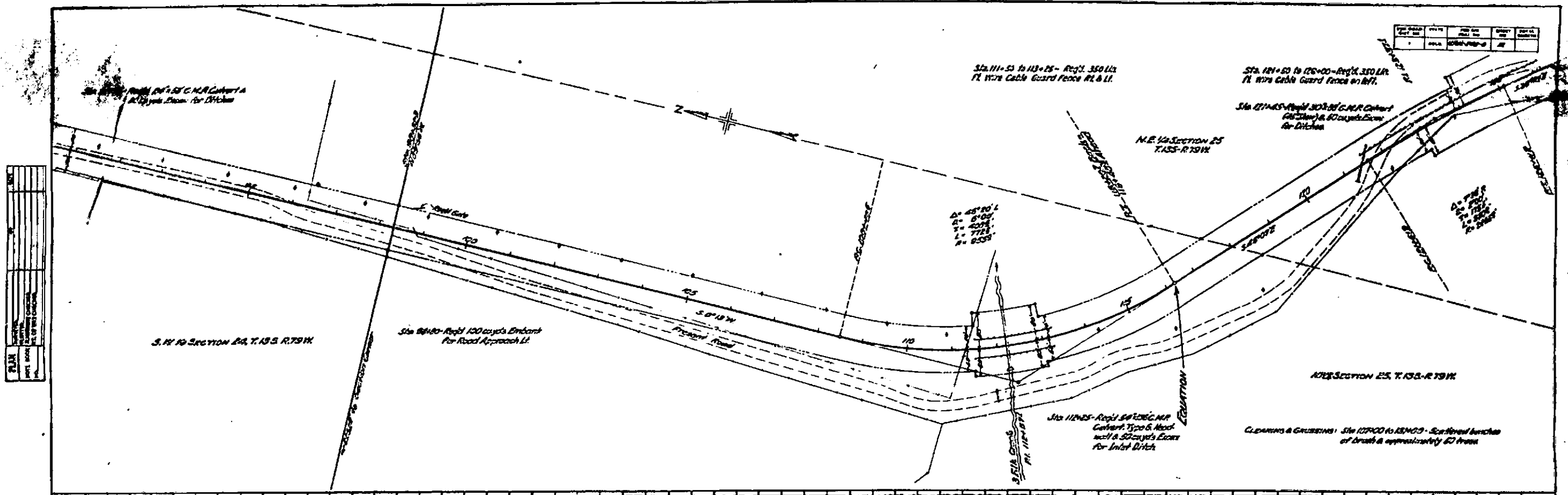
PLAN	DATE	BY
10/1/68	W.E.B.	



PROFILE	DATE	BY
10/1/68	W.E.B.	







PLAN
SECTION
DETAIL
ASSEMBLY
CONSTRUCTION
PROTECTIVE
REPAIR
MAINTENANCE
OPERATION
TRAFFIC
SAFETY
ENVIRONMENT
UTILITIES
LANDSCAPE
ARCHITECTURE
MECHANICAL
ELECTRICAL
PLUMBING
HEATING
Cooling
Lighting
Acoustics
Structural
Foundation
Roofing
Interior
Exterior
Site
Foundation
Roofing
Interior
Exterior
Site

PLAN
SECTION
DETAIL
ASSEMBLY
CONSTRUCTION
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LANDSCAPE
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MECHANICAL
ELECTRICAL
PLUMBING
HEATING
Cooling
Lighting
Acoustics
Structural
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Roofing
Interior
Exterior
Site

PLATE 1 - PLAN-PROFILE & CROSS SECTIONS  
 SHEET 1 OF 2 - 100' SCALE

PER ROAD	STATE	FED. AID	PROJECT
DATE	NO.	NO.	NO.
1	MO.	1000	1000
REV. 05 Cont. 5-35			

N.E. 1/4 SECTION 25  
T.135-R.79W

Sta. 130+50 - Remove 20' Wood Guard Fence

Sta. 127+60 to 127+90 - Remove 40' Wood  
Guard Fence Pt.

Sta. 144+10 - Reqd. 18' 6" C.M.P. Culvert &  
Slope Parap. Excav for Ditches

Sta. 152+85 - Reqd. 24' 3" C.M.P. Culvert &  
Slope Parap. Excav for Inlet Ditch

Sta. 127+60 - Reqd. 60' 10" C.M.P. Culvert - Type G  
Headwall & Inlet Ditch

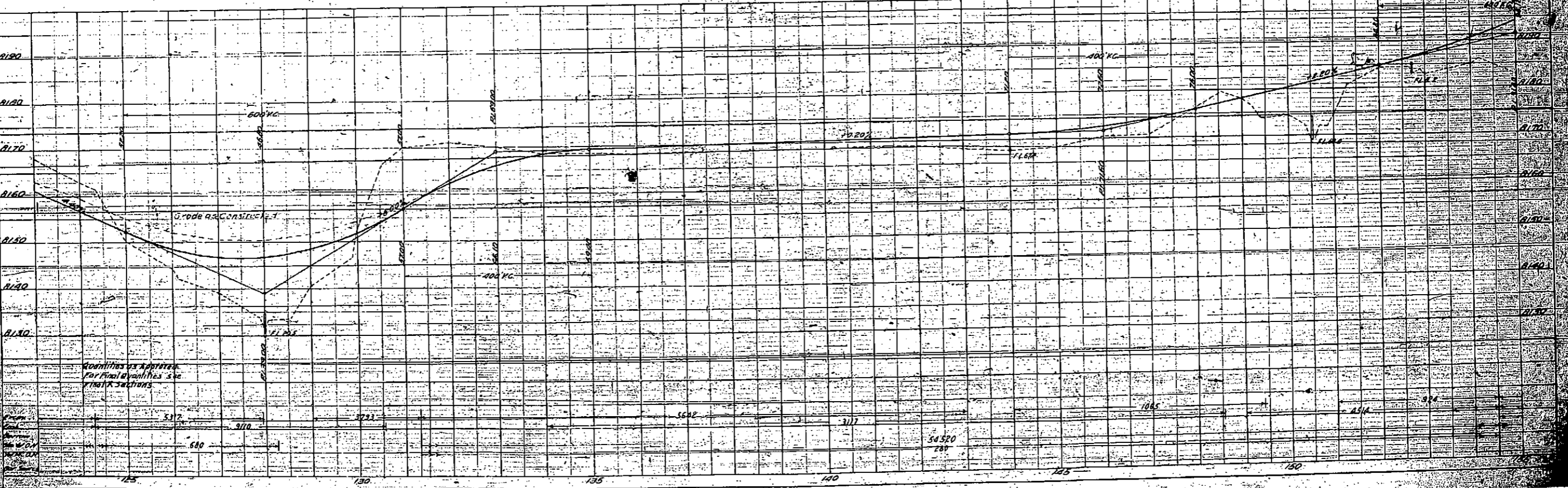
Sta. 150+53 - Reqd. 60' 7" C.M.P. Culvert -  
Type G Headwall  
Excav for Ditches &  
Remove 30' 3" C.M.P. Culvert

S.E. 1/4 SECTION 25  
T.135-R.79W

Clearings & Grubbing: Sta. 127+00 to 131+00 - Scattered bunches  
of brush & approximately 30 trees  
Sta. 153+00 to 158+00 - 8 trees & a few  
scattered bunches of brush

Sta. 152+50 to 153+40 - Reqd. 30' 11" x  
11" Wire Cable Guard Fence

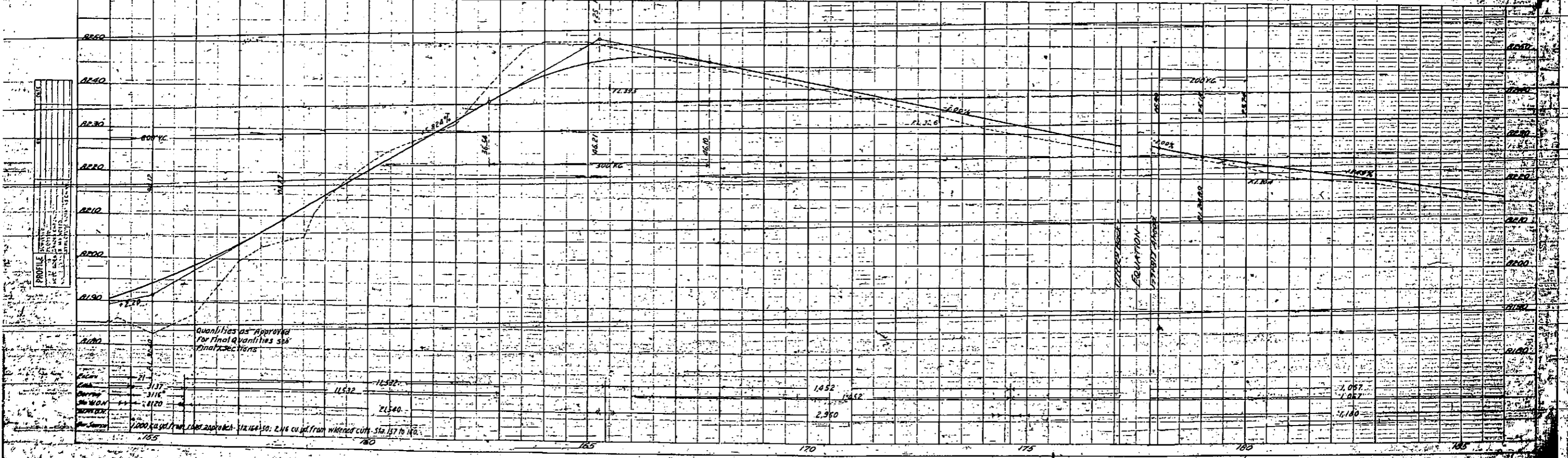
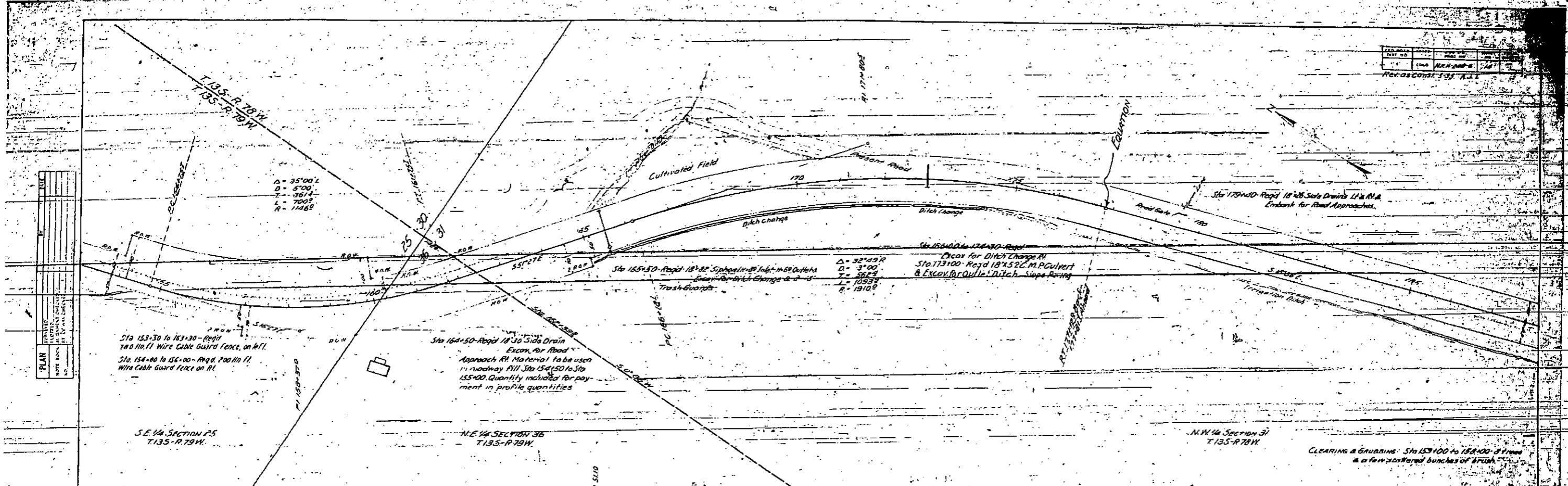
PLAN	SCALE	1" = 100'
PROF.	SCALE	1" = 10'
SECTION	SCALE	1" = 100'
DATE	NO.	NO.
1	MO.	1000



Quantities as Reported  
for Final Quantities & see  
Final Sections

DATE	BY	CHKD BY	APP'D BY

Revised Const. 1937 K.L.L.





DESIGNED BY	STATE	PROJECT NO.
DRAWN BY	COUNTY	SECTION
CHECKED BY		
DATE		

PLAN  
 DRAWN BY  
 CHECKED BY  
 DATE

PROFILE  
 DRAWN BY  
 CHECKED BY  
 DATE

