

FED. ROAD DIST. NO.	STATE	P.W.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E#3	1	

COLORADO

STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED P.W.A. DOCKET COLORADO 804-D PROJECT NO. 158-E, CONST. DIV. 3 STATE HIGHWAY NO. 4 PARK COUNTY

INDEX OF SHEETS

- SHEET NO. 1 TITLE SHEET.
 2 TYPICAL SECTION AND SUMMARY OF QUANTITIES.
 3 LIST OF STRUCTURES, FENCING, RIGHT OF WAY MARKERS, GUARD FENCE AND GUARD POST REQUIREMENTS.
 4 DETAILS OF BRIDGE, STA. 1722+
 5 " " " " 1851+
 6 CONCRETE BOX CULVERTS.
 7 DOUBLE CONCRETE BOX CULVERT.
 8 STANDARD HEADWALLS FOR C.M.P. CULVERT.
 9 STANDARD CATTLE GUARD-16 FT. ROADWAY.
 10 STANDARD TIMBER GUARD POSTS.
 11 STANDARD WIRE CABLE GUARD FENCE.
 12 STANDARD WIRE FENCES WITH STEEL POSTS AND MARKER POSTS.
 13 STANDARD PICKET SNOW FENCE WITH STEEL POSTS.
 14 STANDARD STRUCTURE NUMBER LETTERING.
 15 STANDARD METHODS FOR SUPERELEVATION AND WIDENING OF CURVES.
 16 TYPICAL SIDE APPROACH ROADS/ROADWAY CONSTRUCTION TRAFFIC SIGNS. (P.W.A.)
 17-31 PLAN AND PROFILE
 32-147 CROSS SECTIONS

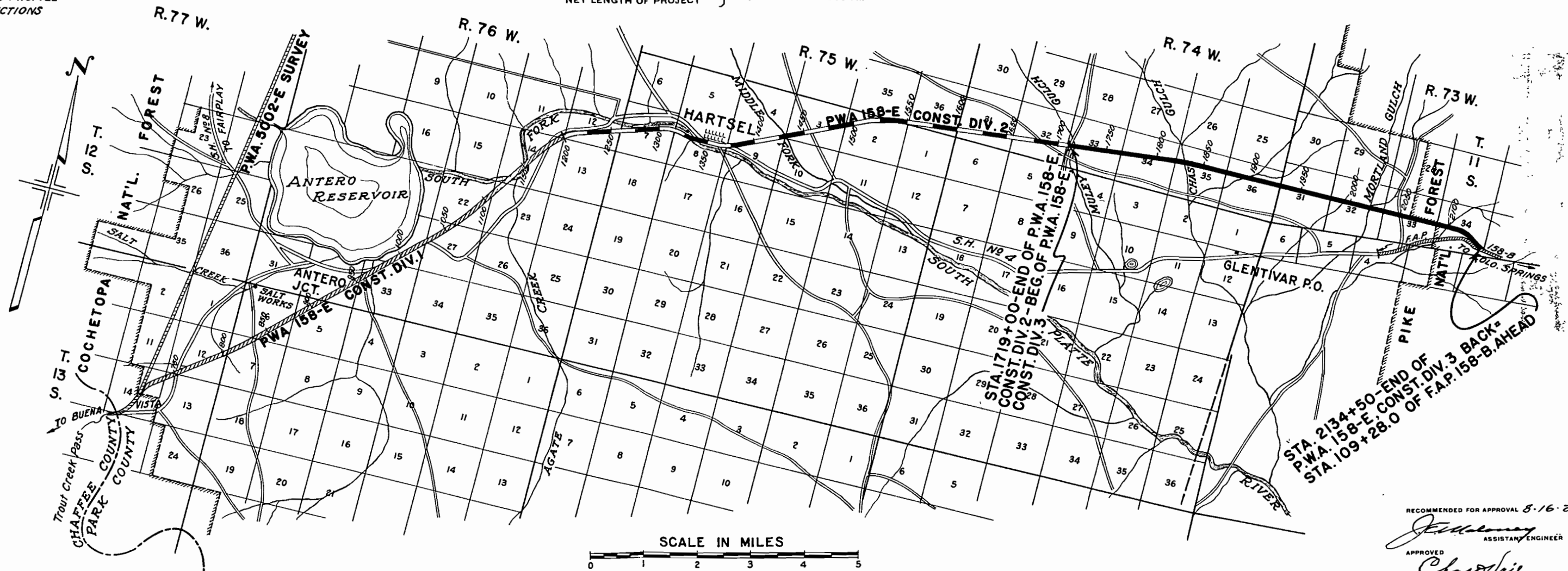
- M-103-D
 M-110-B
 M-102-E
 M-16-A
 M-19-A
 M-20-B
 M-27-A
 M-25-B
 M-10-A
 M-1-B
 M-2-BX

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 } 41,550.0 FT. = 7.869 MI.
 NET LENGTH OF PROJECT }

CONVENTIONAL SIGNS

CENTERLINE OF PROJECT
 RIGHT OF WAY LINES
 TOWNSHIP AND RANGE LINES
 SECTION LINES
 ONE QUARTER SECTION LINES
 TELEPHONE LINES
 BARBED WIRE FENCE
 SNOW FENCE
 PRESENT ROAD



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. Colo. Springs
 V.H. Littlefield Res. Engr. Colo. Springs

RECOMMENDED FOR APPROVAL 8-16-27
 APPROVED
 RECOMMENDED FOR APPROVAL
 DIST. ENG. BUREAU PUBLIC ROADS
 RECOMMENDED FOR APPROVAL
 CHIEF ENG. BUREAU PUBLIC ROADS
 APPROVED
 DIRECTOR BUREAU PUBLIC ROADS

Grad's and Alignment as
shown her on are subject to
modification during construction
only after approval by the
Director Office

N E All points on Right of Way are to be moved by Owners

Fencing Right of Way Markers Guard Fence and Guard Post requirements are tabulated on Sheet N 3

Grades and Alignment as shown here on are subject to modification during construction only after approval by the District Office

Sta 1719+00 Beg PWA

Sta 1722+15 to 1722+39.5

Sta 1723+95

SE CORNER

22.8'

200' V.C.

STRUCTURE NOTES FOR BRIDGE STA 1722+15 TO STA 1722+39.5

PRESENT STRUCTURE	PROPOSED STRUCTURE
ROADWAY	ROADWAY
CLEAR WATERWAY	CLEAR WATERWAY
TYPE OF SUPERSTRUCTURE	TYPE OF SUPERSTRUCTURE
REQUIREMENTS AS TO REMOVAL	REQUIREMENTS AS TO REMOVAL
DRAINAGE AREA	DRAINAGE AREA
VELOCITY DURING HIGH WATER	VELOCITY DURING HIGH WATER
ELEVATION	ELEVATION
MAXIMUM HIGH WATER	MAXIMUM HIGH WATER
LOW WATER	LOW WATER
NEARBY STRUCTURES ON SAME STREAM	NEARBY STRUCTURES ON SAME STREAM

158 E CONSTR DIV NO 3

END PWA 158 E CONSTR DIV NO 2

FED. ROAD DIST. NO.	STATE	PWA PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E #3	18	

NW 1/4 SEC. 33
T 11 S R 74 W

NE 1/4 SEC. 33
T 11 S R 74 W

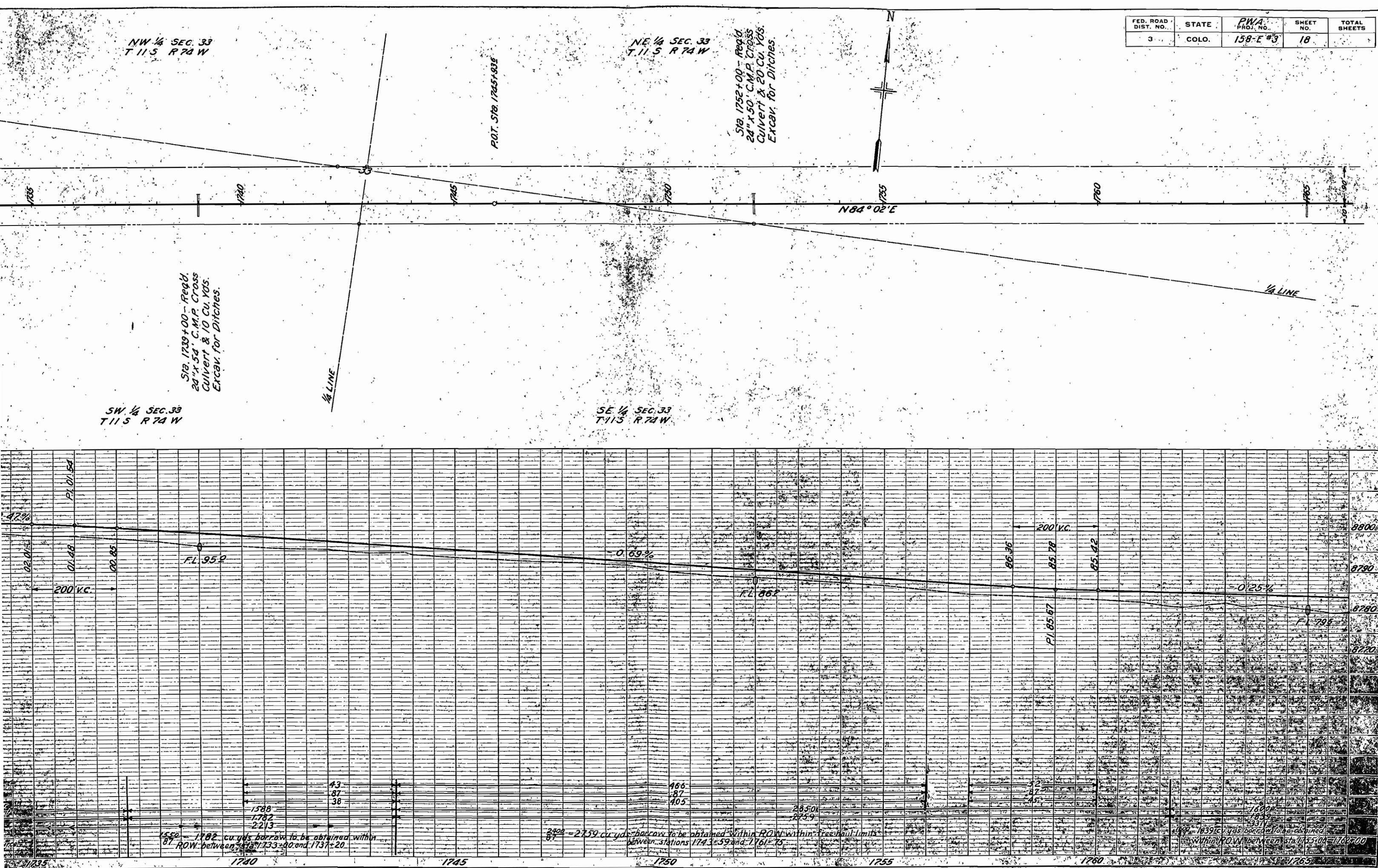
Sta. 1752+00 - Req'd.
24" x 50' C.M.P. Cross
Culvert & 20 cu. yds.
Excav. for Ditches.

P.O.T. Sta. 1745+83E

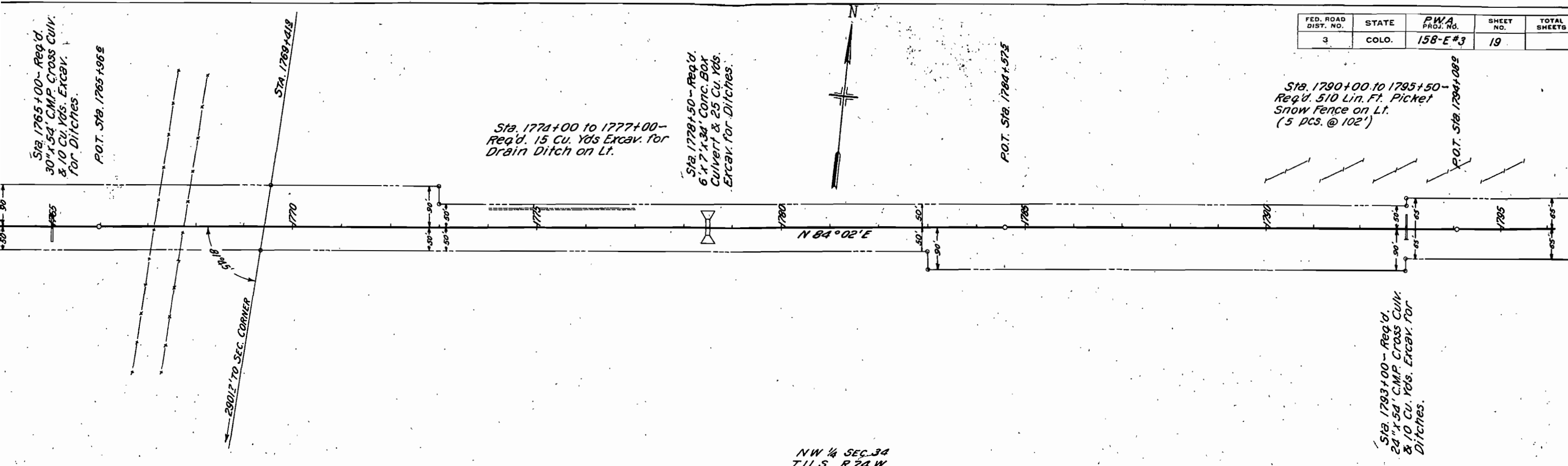
Sta. 1739+00 - Req'd.
24" x 54' C.M.P. Cross
Culvert & 10 cu. yds.
Excav. for Ditches.

SW 1/4 SEC. 33
T 11 S R 74 W

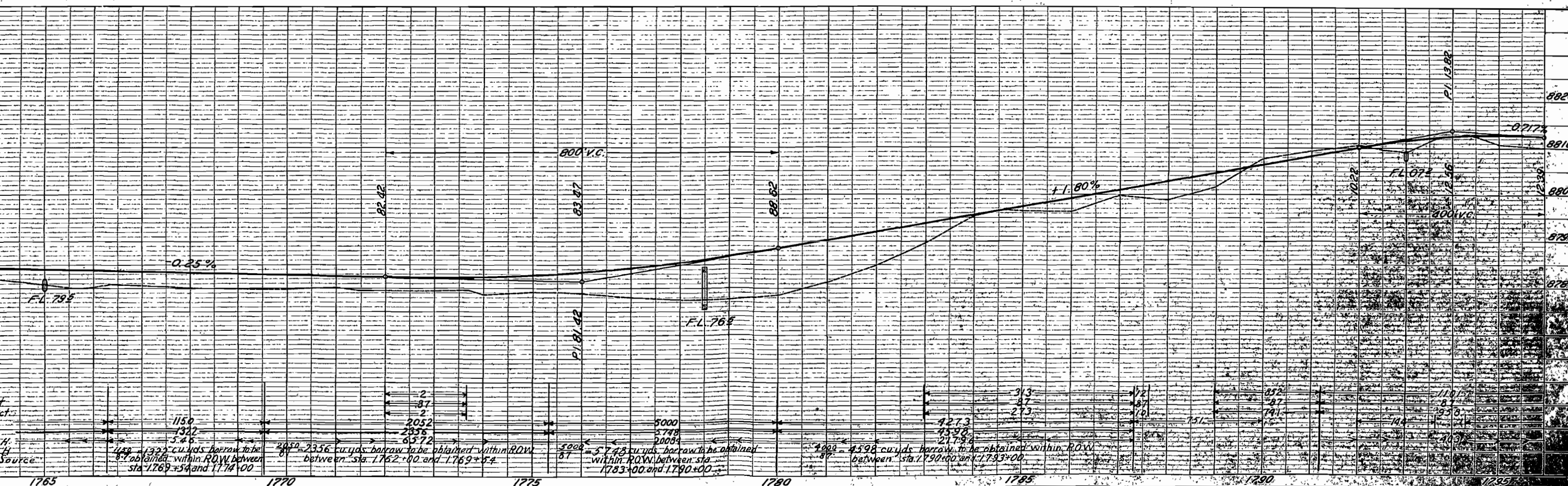
SE 1/4 SEC. 33
T 11 S R 74 W



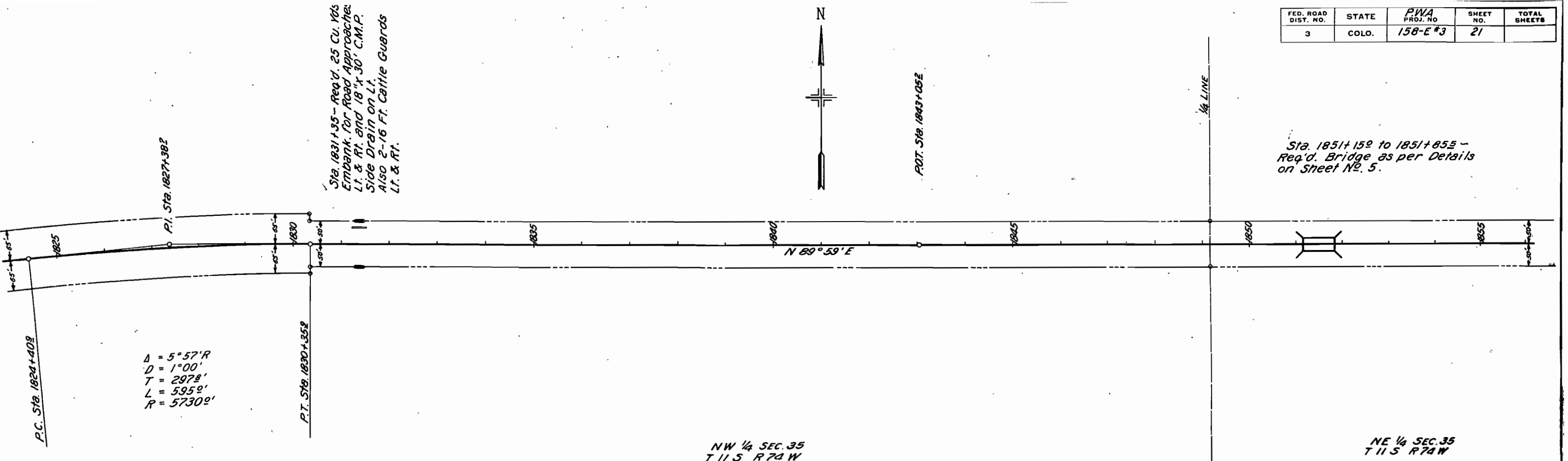
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3	COLO.	158-E#3	19	



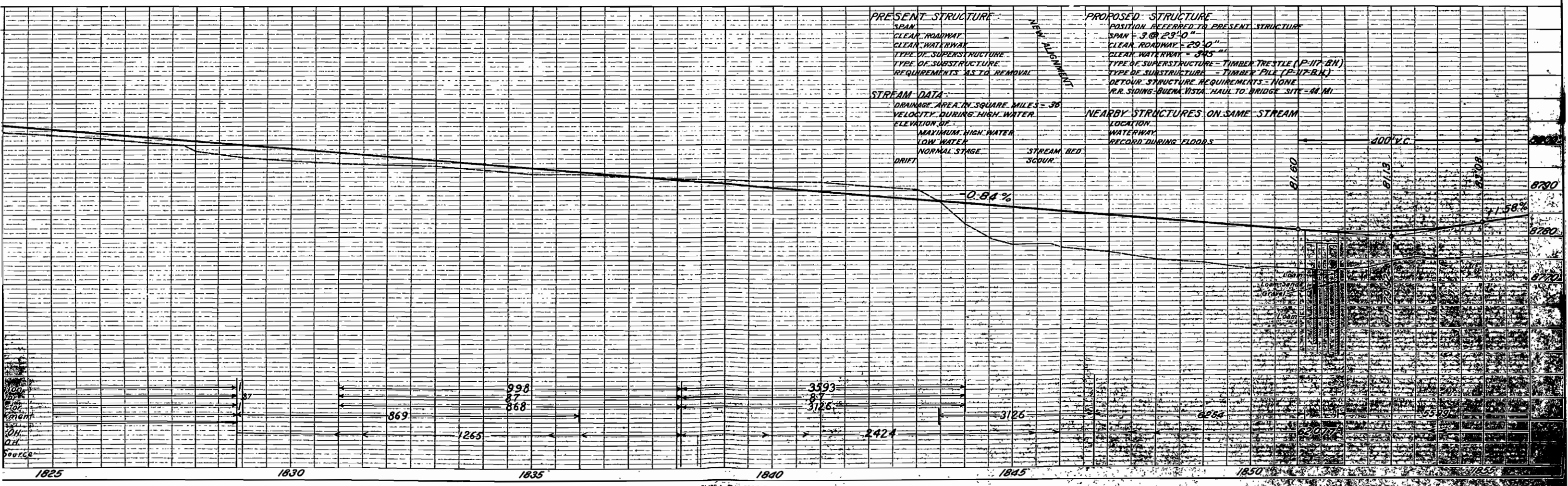
NW 1/4 SEC. 34
T11S R74W



FED. ROAD DIST. NO.	STATE	PWA PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E*3	21	



STRUCTURE NOTES FOR BRIDGE STA. 1851+15.0 TO
STA. 1851+85.5 STRUCTURE NO. H-14-B



FED. ROAD DIST. NO.	STATE	PWA PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E#3	22	

NE 1/4 SEC. 35
T 11 S R 74 W

NW 1/4 SEC. 36
T 11 S R 74 W

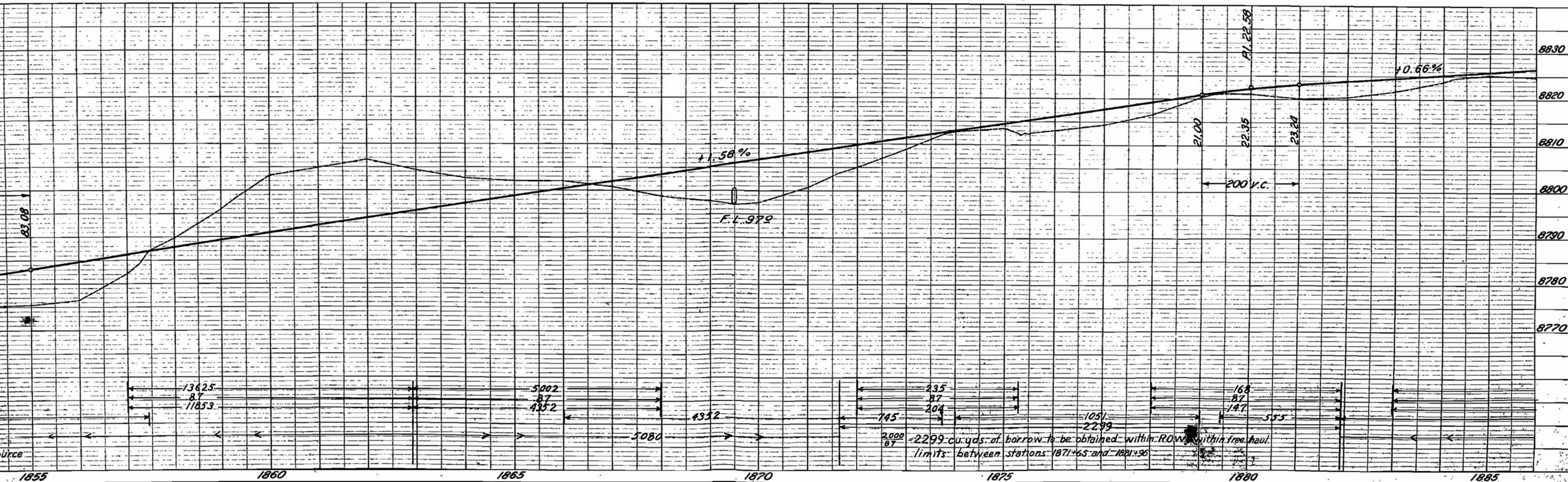
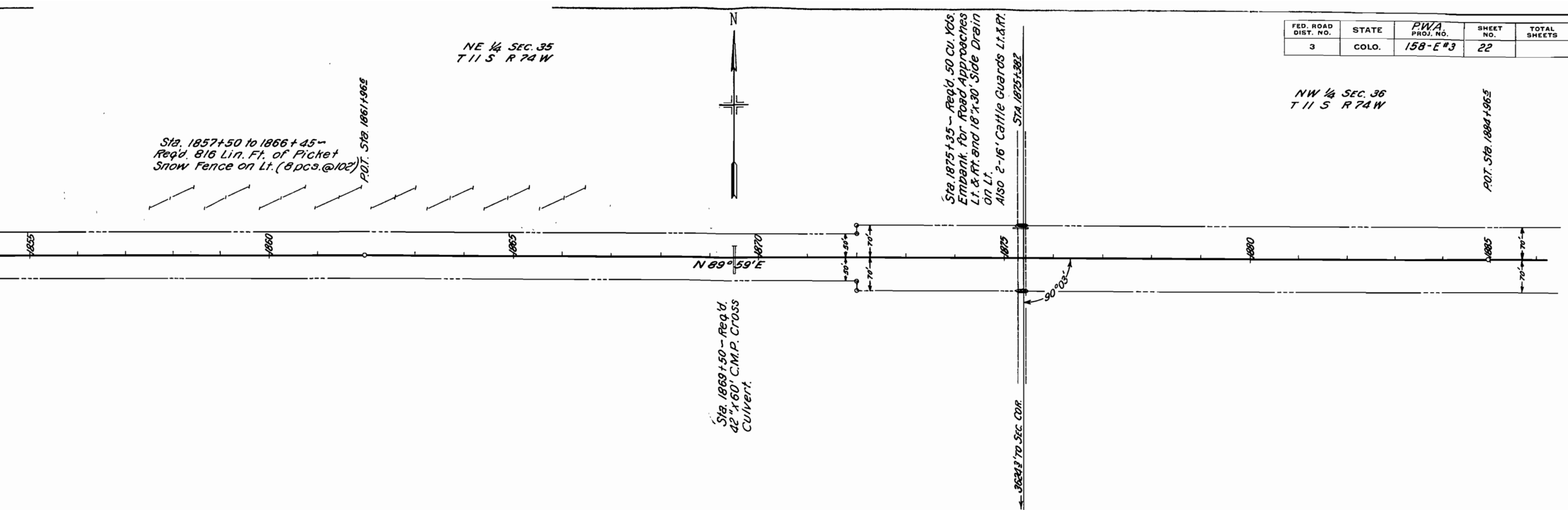
P.O.T. Sta. 1884+96.5

Sta. 1857+50 to 1866+45~
Req'd. 816 Lin. Ft. of Picket
Snow Fence on Lt. (8 pcs. @ 102')

P.O.T. Sta. 1861+96.5

Sta. 1875+35 ~ Req'd. 50 Cu. Yds.
Embank. for Road Approaches
Lt. & Rt. and 18"x30" Side Drain
on Lt.
Also 2-16" Cattle Guards Lt. & Rt.
Sta. 1875+38.2

Sta. 1869+50 ~ Req'd.
42"x60" C.M.P. Cross
Culvert.

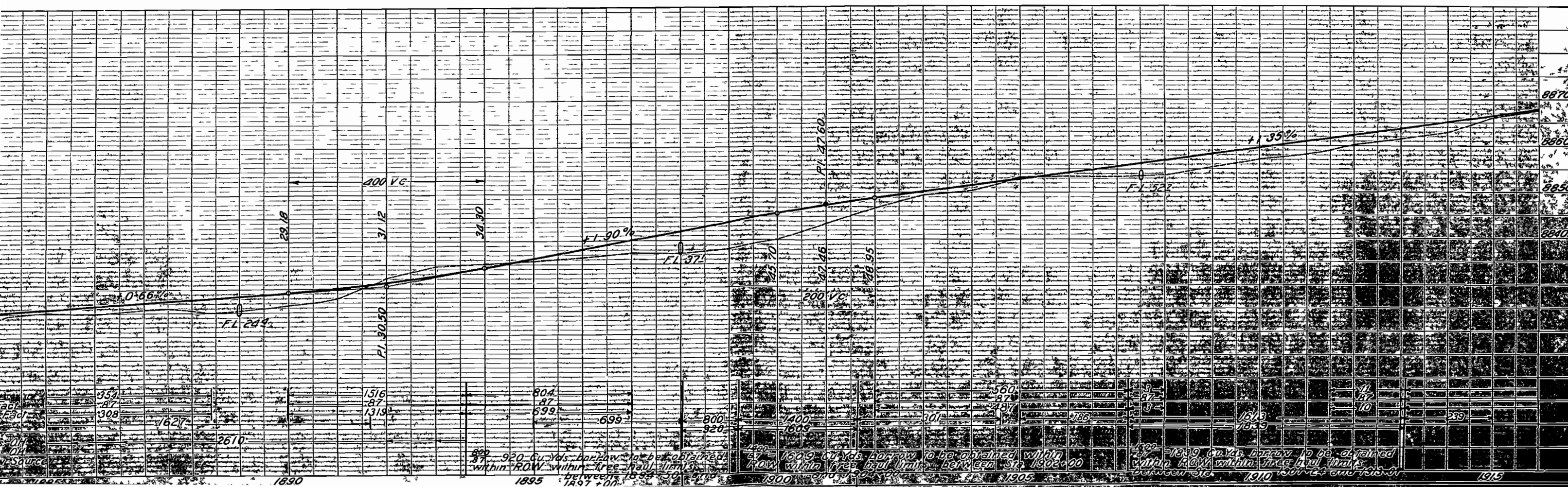
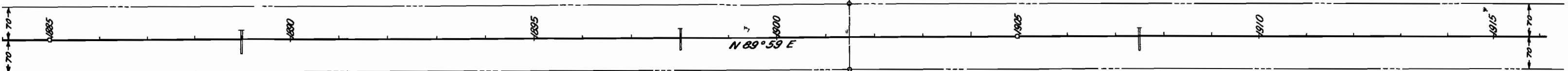


NW 1/4 SEC 36
T 11 S R 74 W

Sta 1898+00 - Req'd
30 x 46 C.M.P. Cross Culvert

NE 1/4 SEC 36
T 11 S R 74 W
Sta 1907+50 - Req'd
24 x 48 C.M.P. Cross
Culvert & 5 Cu Yds
Excav for Ditches

FED ROAD DIST NO	STATE	PWA PROJ NO	SHEET NO	TOTAL SHEETS
3	COLO	158 E*3	23	



NE 1/4 SEC. 36
T 11 S R 74 W

NW 1/4 SEC. 31
T 11 S R 73 W

FED. ROAD DIST. NO.	STATE	P.W.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E #3	24	

Sta. 1921+00 - Req'd.
24" x 46" C.M.P. Cross
Culvert.

Sta. 1927+95 - Req'd. 10 Cu.
Yds Embank. for Road Apprs.
Lt. & Rt. and 18" x 30" C.M.P.
Side Drain on Lt.
Also 2-16" Cattle
Guards Lt & Rt.

Sta. 1929+70 - Req'd. 13 Cu.
Yds Embank. to fill old
Well on Rt.

Sta. 1942+50 - Req'd.
6' x 7' x 35' Concrete
Box Culvert & 40 Cu Yds
Excav. for Ditches.

P.O.T. Sta. 1944+67.3

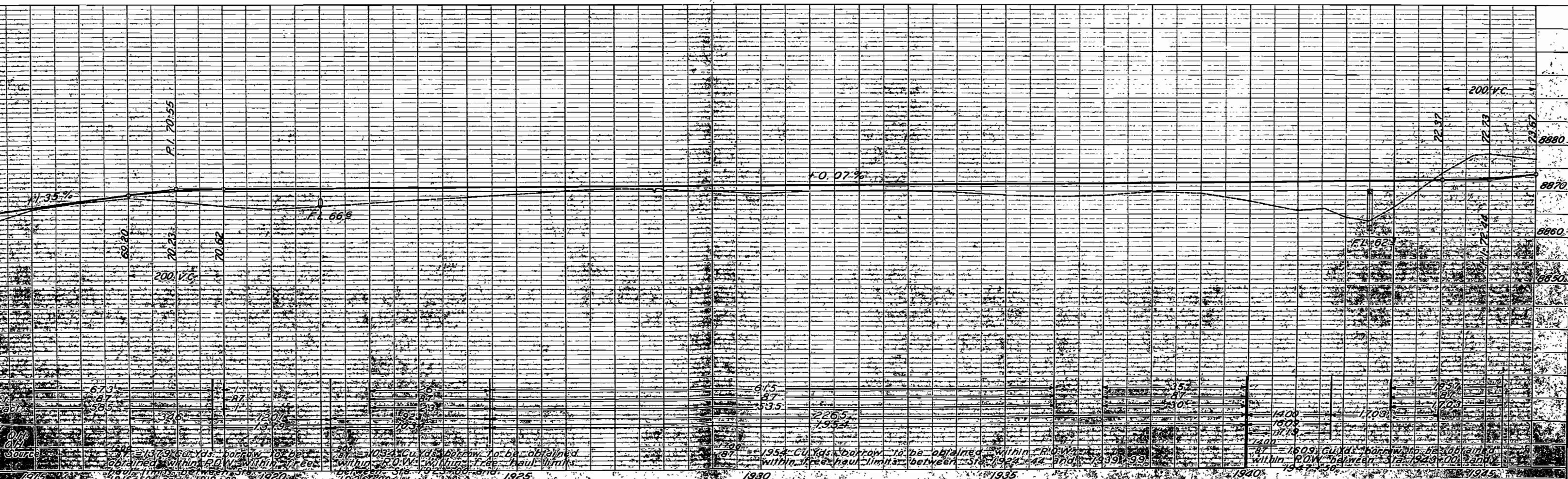
Road Sta. 1927+89.8
1622.3' TO SEC. CORNER
R 74 W
R 73 W

Old Well

N 89° 59' E

1/4 LINE

SW 1/4 SEC. 31
T 11 S R 73 W



NW 1/4 SEC. 31
T 11 S R 73 W

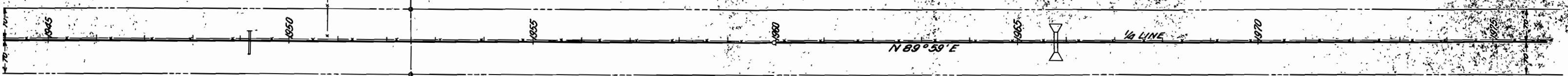
Sta. 1949 + 20 - Req'd.
24" x 50' C. M.P. Cross CULV.
& 5 Cu. Yds. Excav. for
Ditches.

POT. Sta. 1959 + 965

NE 1/4 SEC. 31
T 11 S R 73 W

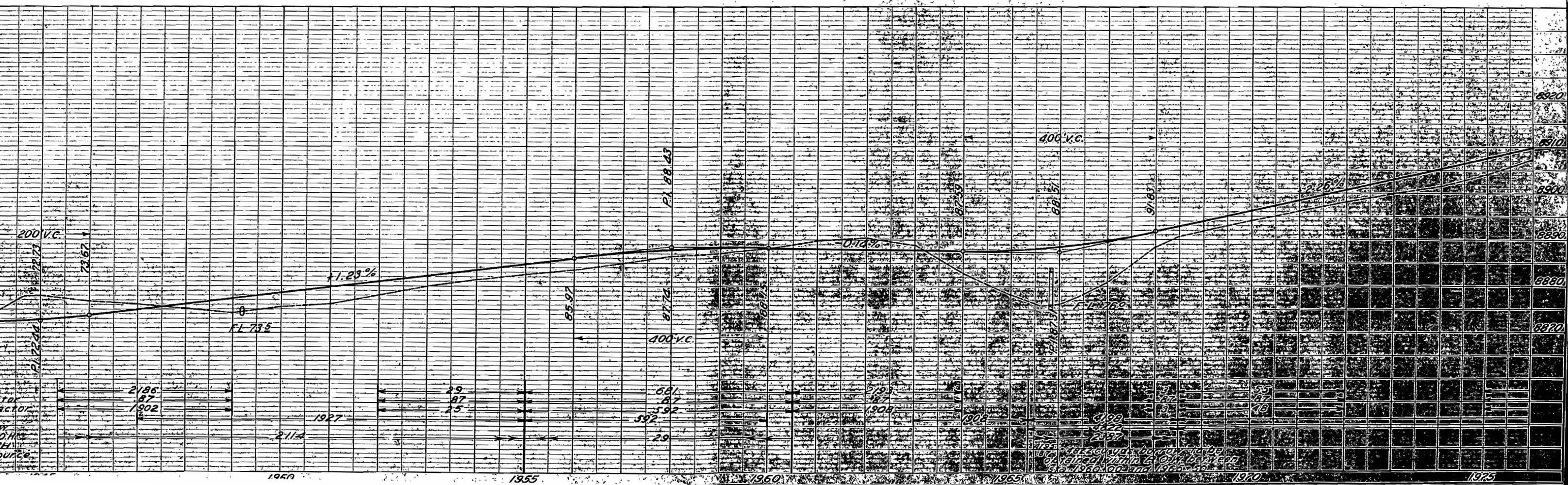
Sta. 1965 + 80 - Req'd.
6' x 7' x 43" Concrete
Box Culvert

FED. ROAD DIST. NO.	STATE	PWA PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E 13	25	

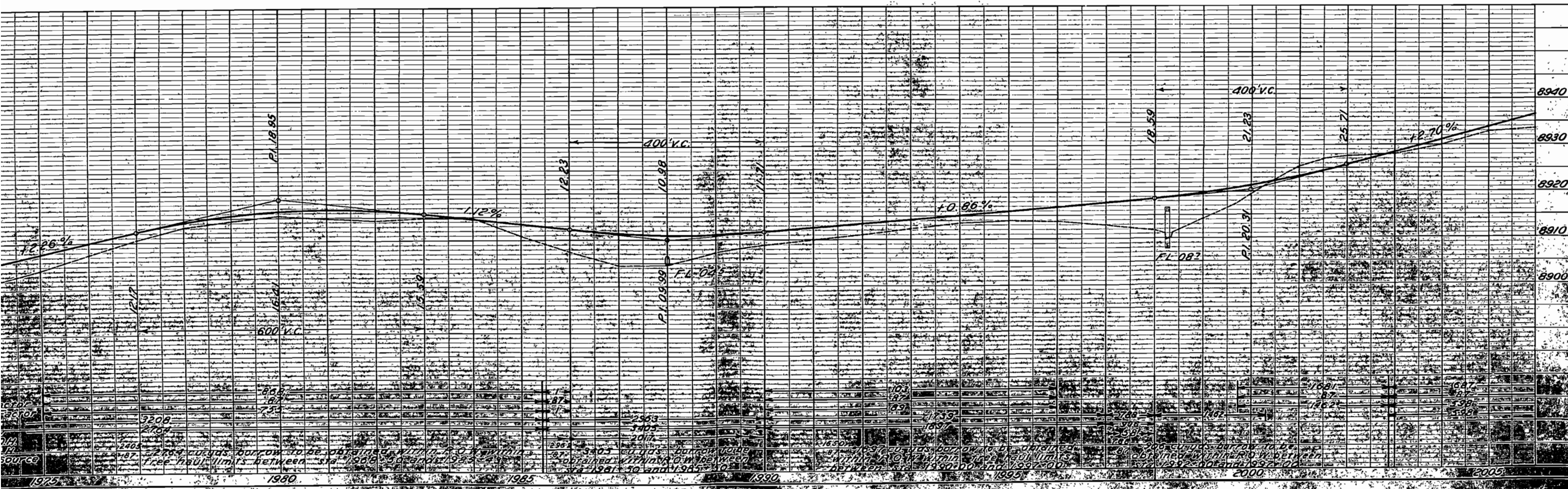
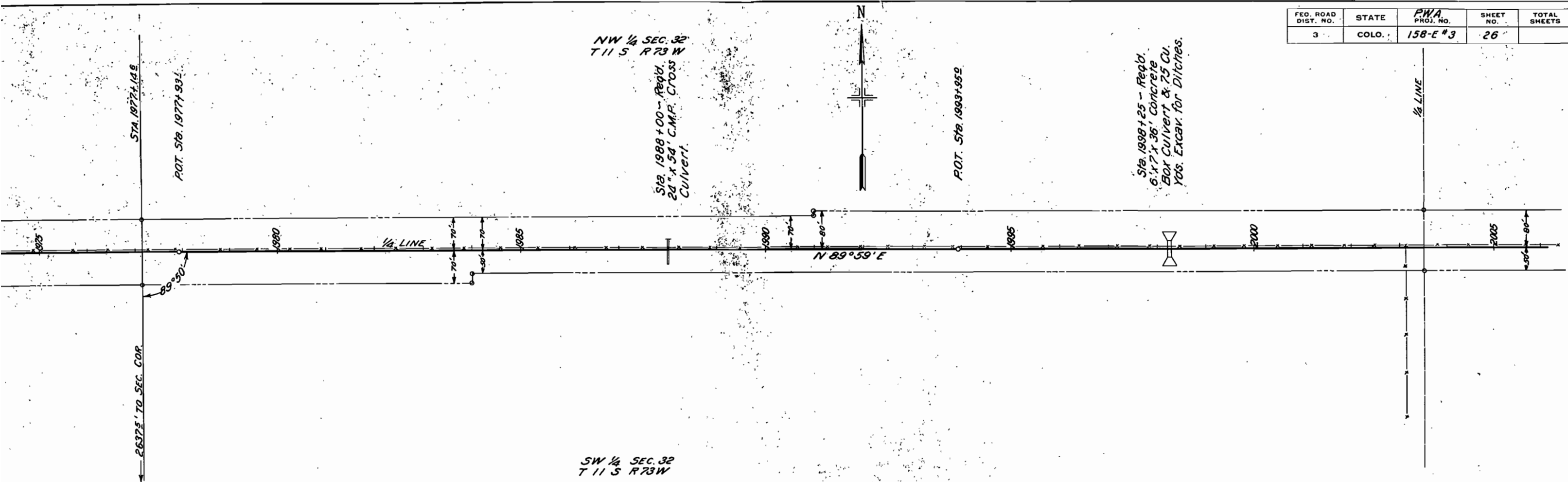


SW 1/4 SEC. 31
T 11 S R 73 W

SE 1/4 SEC. 31
T 11 S R 73 W



FED. ROAD DIST. NO.	STATE	PWA PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E #3	26	



Sta 2007+83 - Road
30' x 56' C.M.P. Cross
Culvert (Skew 60° Lt.)

POT Sta 2011+91.4

Sta 2012+00 - Req'd
40 Cu. Yds. Embank. for
Road Approaches Lt & Rt.
and 18"x30" CMP Side
Drain on Rt.
Also 2'-16" Cattle Guards
Lt & Rt

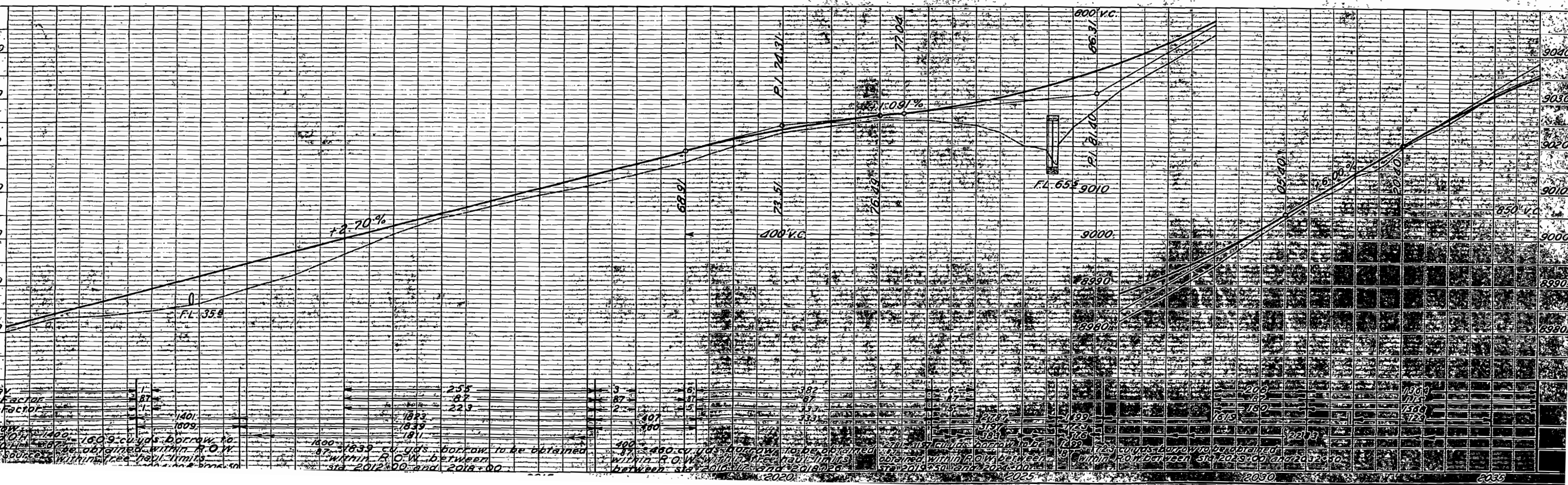
SE 1/4 SEC. 32
T 11 S R 73 W

Sta. 2022+40 - Req'd
20 Cu Yds. Embank. for
Road Approaches Lt. & Rt.

S/S# 2025+17 10 2025+70--
Req'd Double 10"x10"x53'
Concrete Box Culvert
(Type 10-B) @ 300 cu. yds.
Excav, form, and
Outlet channels (Material
to be used in the Channel)
(Quantities in Summary)

NW 1/4 SEC. 33
T 11 S R 73 W

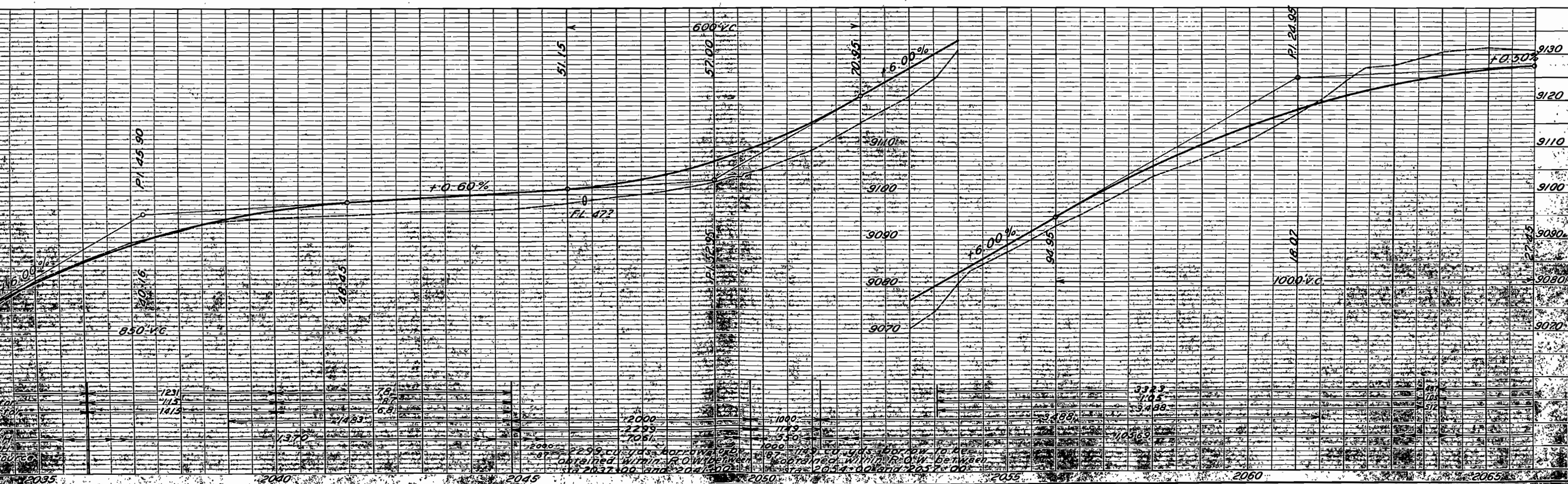
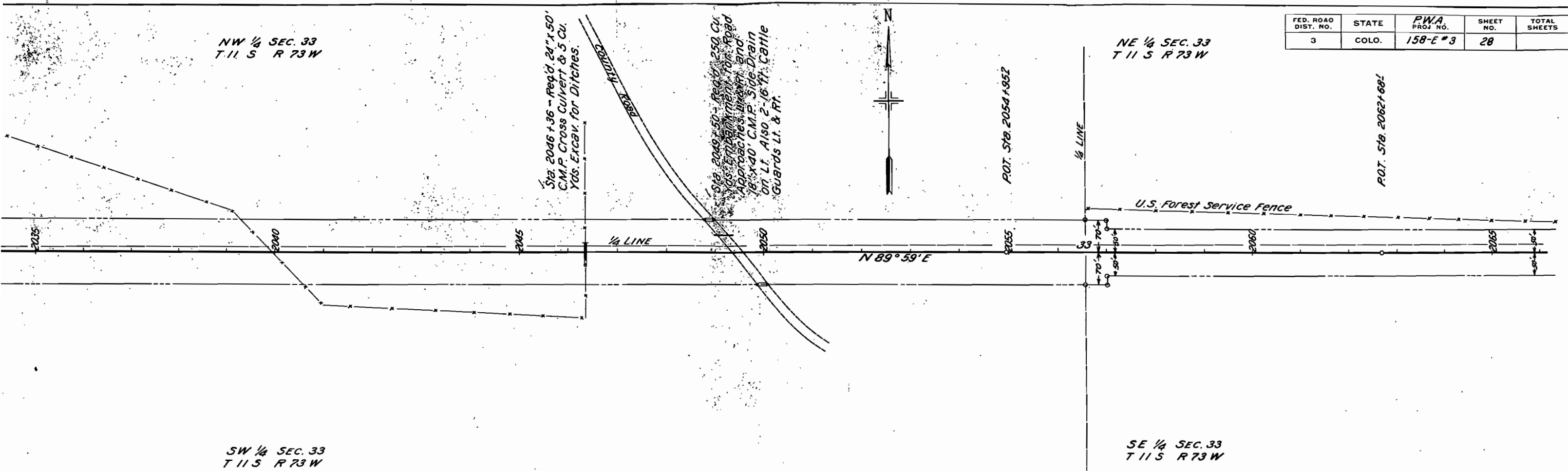
SW 1/4 SEC. 33
T 11 S R 23 W

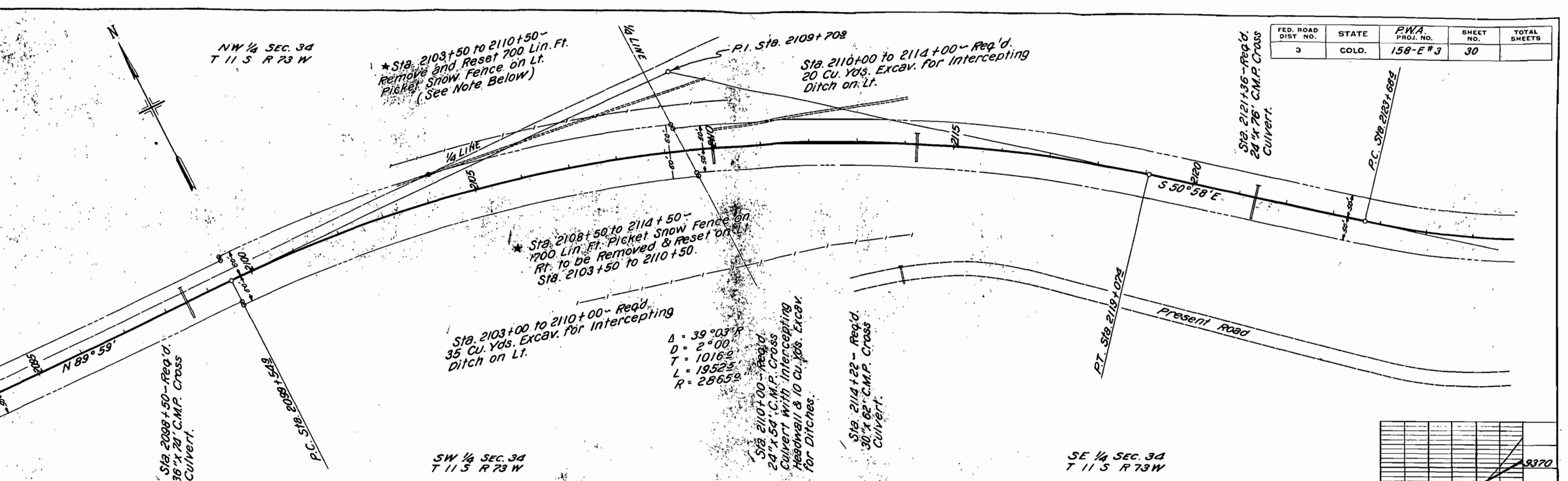


NW 1/4 SEC. 33
T 11 S R 73 W

NE 1/4 SEC. 33
T 11 S R 73 W

FED. ROAD DIST. NO.	STATE	PWA PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E#3	28	





FED. ROAD DIST. NO.	STATE	P.W.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	158-E#3	30	

