

COLORADO STATE HIGHWAY DEPARTMENT

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PLAN AND PROFILE OF PROPOSED P.W.A. DOCKET COLO. 804-D PROJECT NO. 401-C STATE HIGHWAY NO. 66 LARIMER 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 } 31,462.5 FT. = 5.958 MILES
NET LENGTH OF PROJECT }

CONVENTIONAL SIGNS

CENTER LINE OF SURVEY ———— 650 ————
RIGHT OF WAY LINES ————
TOWNSHIP OR RANGE LINES ————
SECTION LINES ————
ONE-QUARTER SECTION LINES ————
BARBED WIRE FENCE — x — x — x —
POLE LINES — ♦ — ♦ — ♦ — ♦ — ♦ —



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:

Roy J. Randall Div. Engr. Greeley.
Homer J. Winter Res. Engr. Lyons.

STA. 559+590
BEGINNING OF P.W.A. PROJECT 401-C

RECOMMENDED FOR APPROVAL 7/24/37

J. E. Haldeman
ASSISTANT ENGINEER

APPROVED
Charles D. Davis
STATE HIGHWAY ENGINEER

RECOMMENDED FOR APPROVAL

DIST. ENG. BUREAU PUBLIC ROADS
RECOMMENDED FOR APPROVAL

CHIEF ENG. BUREAU PUBLIC ROADS
APPROVED

DIRECTOR BUREAU PUBLIC ROADS

S.E. 1/4 SEC. 19
T. 4 N. R. 71 W.

N.W. 1/4 SEC. 19

FED. ROAD DIST. NO.	STATE	P.W.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	401-C	13	

Sta. 559+59
Req'd. Project Marker.

Sta. 561+00
Req'd. Special 6'x7'x40' Concrete Box Culvert as shown on Sheet No. 5
Req'd. 500 cu. yds. uncl. excavation for approaches.
Excavated material to be used in roadway embankment.

Sta. 569+80
Req'd. 36'x62' C.M.P. cross culvert & 5 cu. yds. uncl. excavation for inlet & outlet.

Sta. 577+25
Req'd. 24'x64' C.M.P. cross culvert & 5 cu. yds. uncl. excavation for inlet & outlet.

Sta. 576+50
Req'd. 300 cu. yds. embankment for road approaches, Rt. & Lt.

Sta. 579+50
Req'd. Special 6'x7'x36' Concrete Box Culvert as shown on Sheet No. 5
Req'd. 100 cu. yds. uncl. excavation for approaches.

NOTES:

Alignment and grade shown on these plans are subject to change during construction, after approval by the Denver office of the Department.

All poles encroaching on construction are to be moved by owners.

All suitable material excavated from culverts and ditches, and not used for ditch embankment is to be used in the roadway embankment.

Timber Guard Posts are tabulated on Sheet No. 4.

Metal Plate Guard Fence is " " " 4.

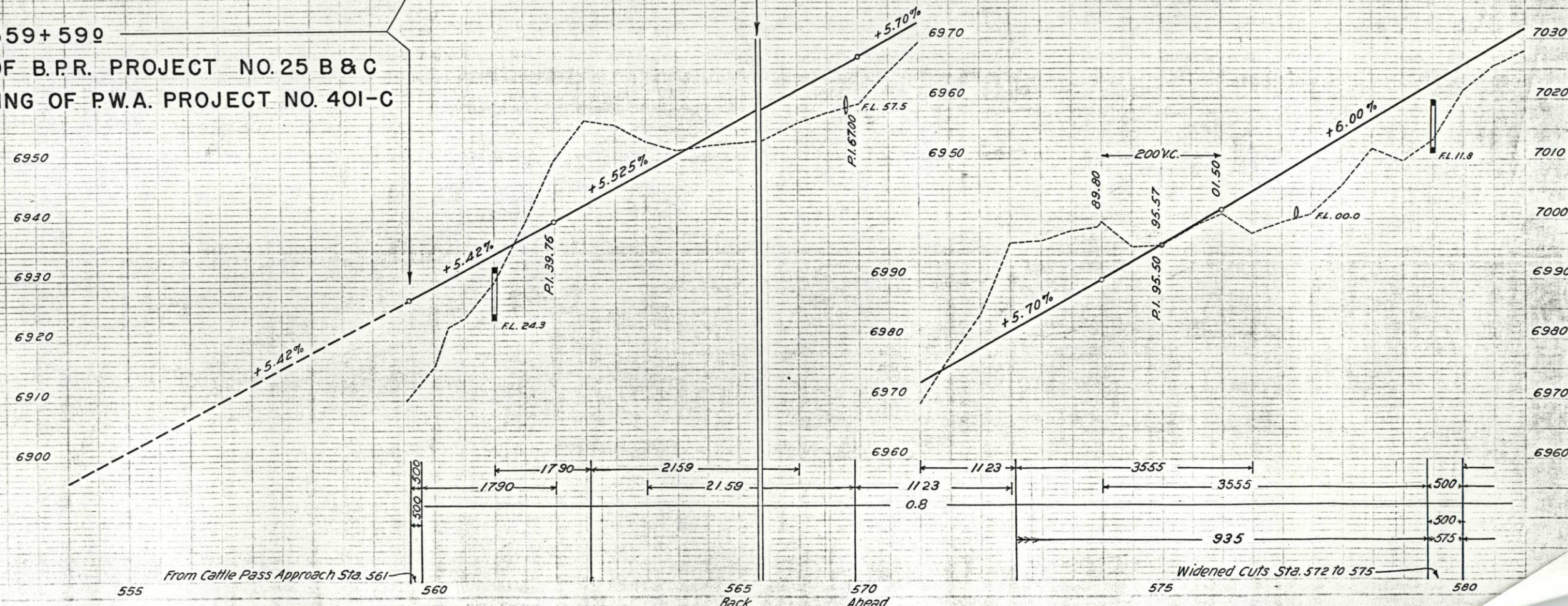
Right of Way Markers are " " " 4.

Fencing is tabulated " " " 3.

TO LYONS

STA 559+599
END OF B.P.R. PROJECT NO. 25 B & C
BEGINNING OF P.W.A. PROJECT NO. 401-C

N.E. 1/4 SEC. 19



CAV.
B.
LANCE FACTOR
ARROW
A. Yd. OHAUL
Mi. OHAUL
BORROW SOURCE

N.W. 1/4 SEC. 19
T4N R71W

Sta. 581+70
Reqd. 36"x72" C.M.P. cross
culvert & 10 cu. yds. uncl.
excavation for inlet & outlet.

Sta. 590+25
Reqd. 24"x70" C.M.P. cross culvert
& 5 cu. yds. uncl. excavation for
inlet & outlet.

Sta. 601+50
Reqd. 36"x126" C.M.P. cross culvert &
5 cu. yds. uncl. excavation for inlet
& outlet.

Sta. 609+50
Reqd. 36"x56" C.M.P. cross culvert &
100 cu. yds. uncl. excavation for
ditch.

Sta. 606+35
Reqd. 36"x86" C.M.P. cross
culvert & 10 cu. yds. uncl.
excavation for inlet & outlet.

Sta. 591+50
Reqd. 30"x110" C.M.P. cross
culvert & 5 cu. yds. uncl.
excavation for inlet & outlet.

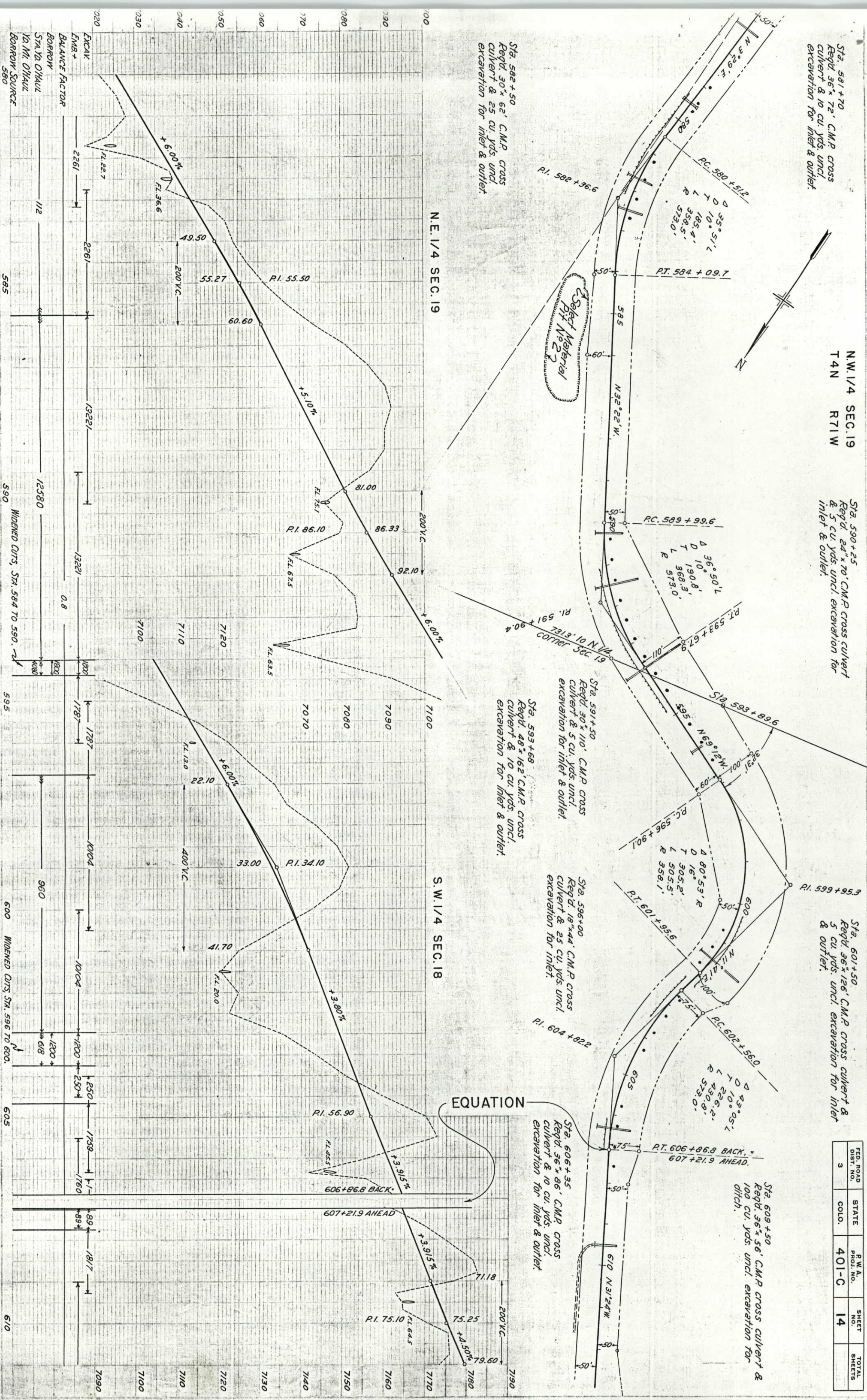
Sta. 593+68
Reqd. 48"x162" C.M.P. cross
culvert & 10 cu. yds. uncl.
excavation for inlet & outlet.

Sta. 582+50
Reqd. 30"x62" C.M.P. cross
culvert & 25 cu. yds. uncl.
excavation for inlet & outlet.

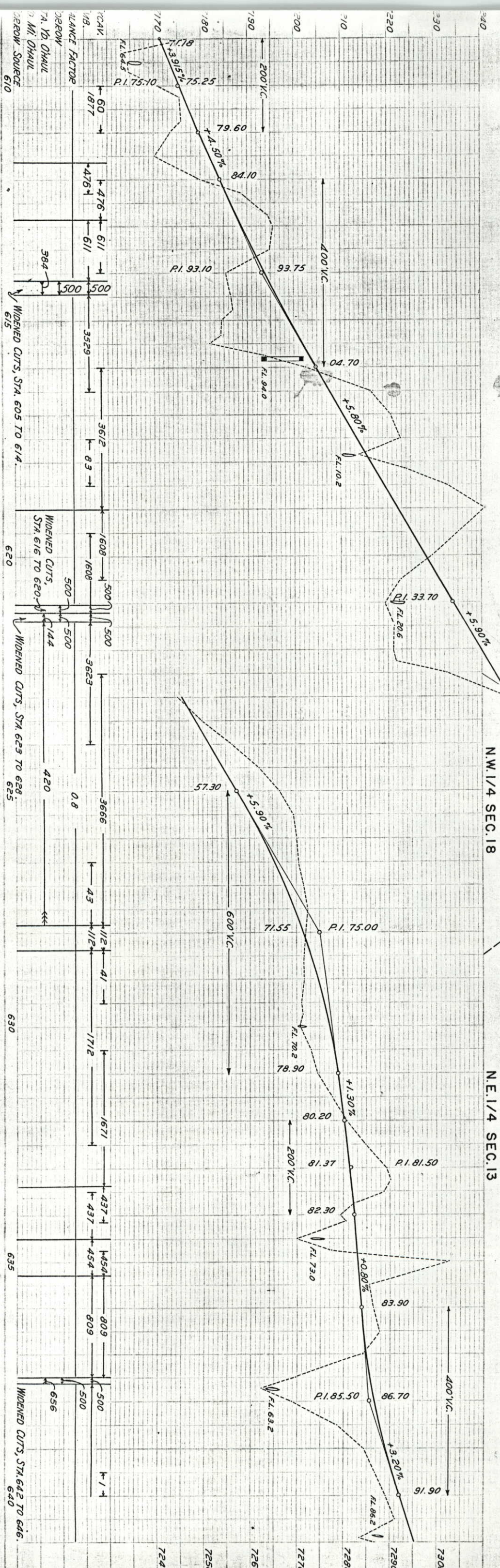
EQUATION

N.E. 1/4 SEC. 19

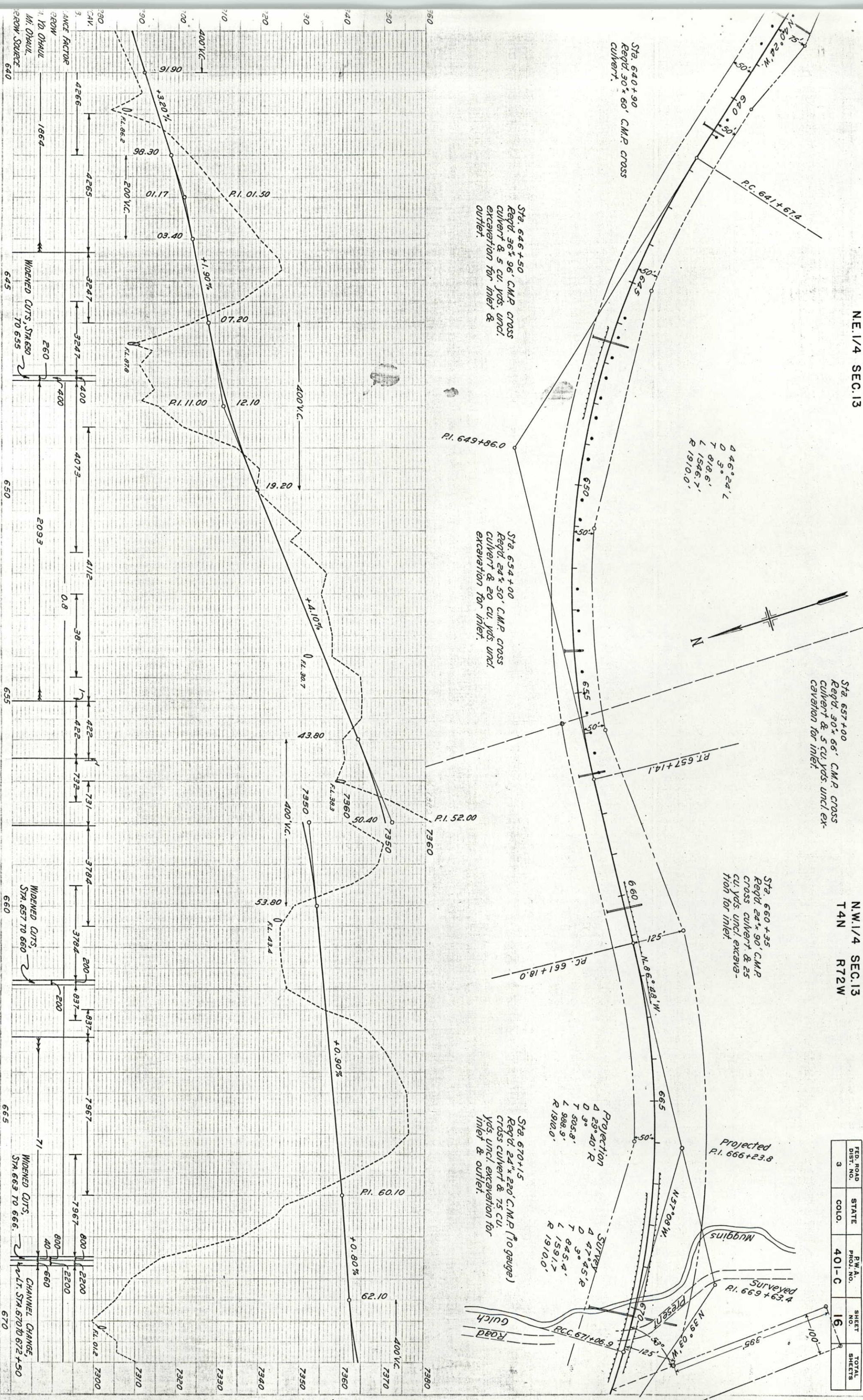
S.W. 1/4 SEC. 18



FED. ROAD DIST. NO.	STATE	P.W.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	401-C	15	



FED. ROAD DIST. NO.	STATE	P.W.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	401-C	16	

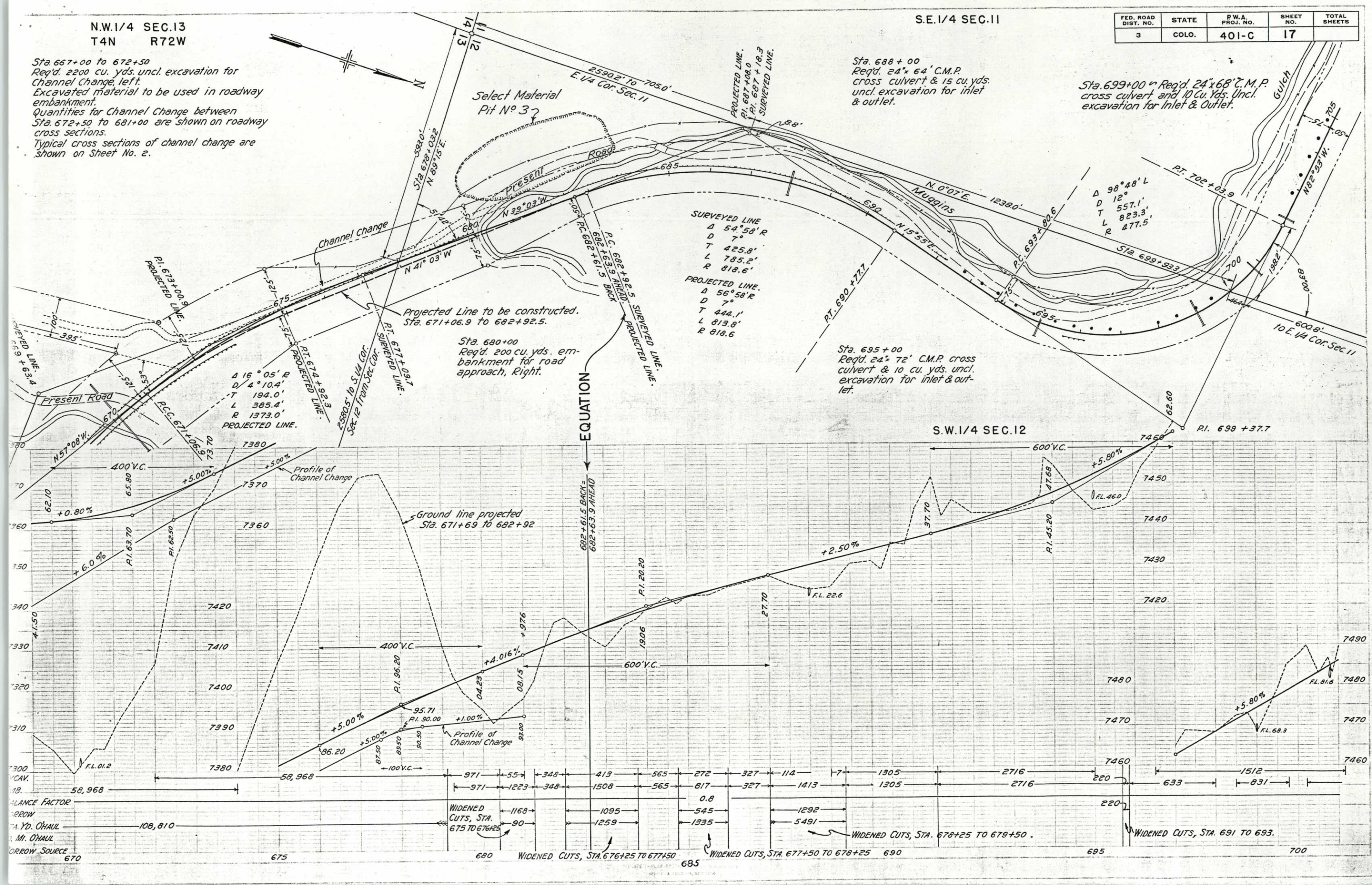


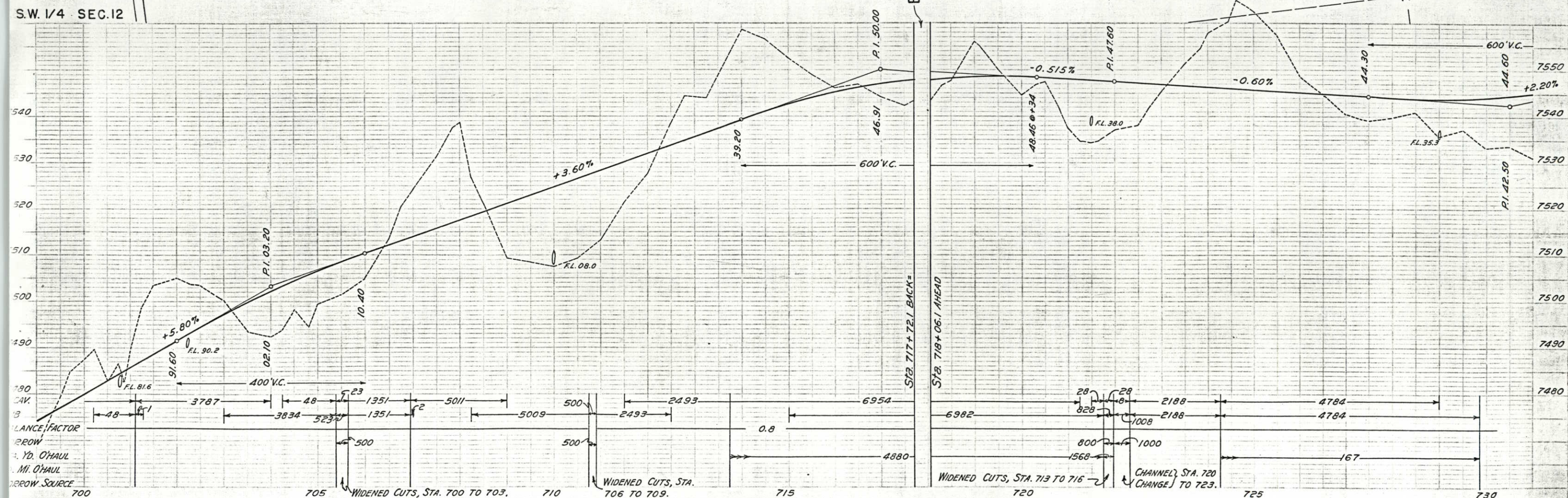
S.E.1/4 SEC.11

FED. ROAD DIST. NO.	STATE	P.W.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	401-C	17	

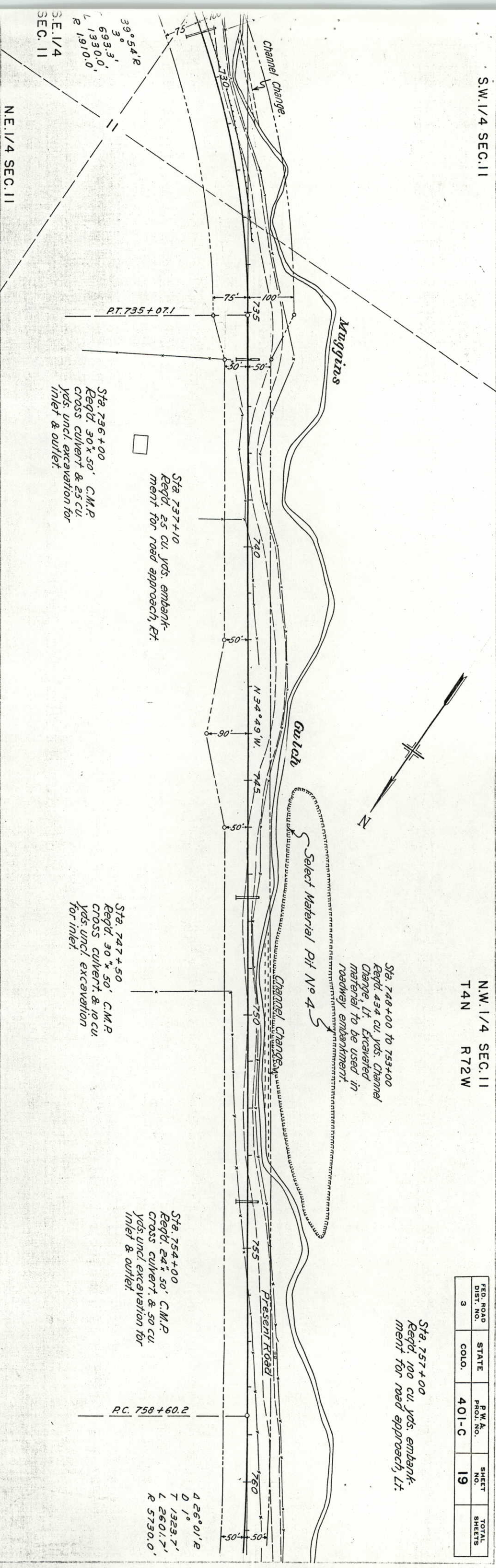
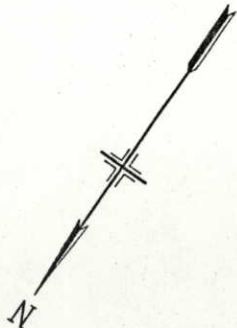
Sta. 688 + 00
Req'd. 24' x 64' C.M.P.
cross culvert & 15 cu. yds
uncl. excavation for inlet
& outlet.

Sta. 699+00 ~ Req'd. 24"x68" C.M.F.
cross culvert and 10 Cu. Yds. Uncl.
excavation for Inlet & Outlet.





FED. ROAD DIST. NO.	STATE	P.W.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	401-C	19	



Sta. 736+00
Reqt. 30' x 50' C.M.P.
cross culvert & 25 cu.
yds. uncl. excavation for
inlet & outlet.

Sta. 737+10
Reqt. 25 cu. yds. embank-
ment for road approach, Rt.

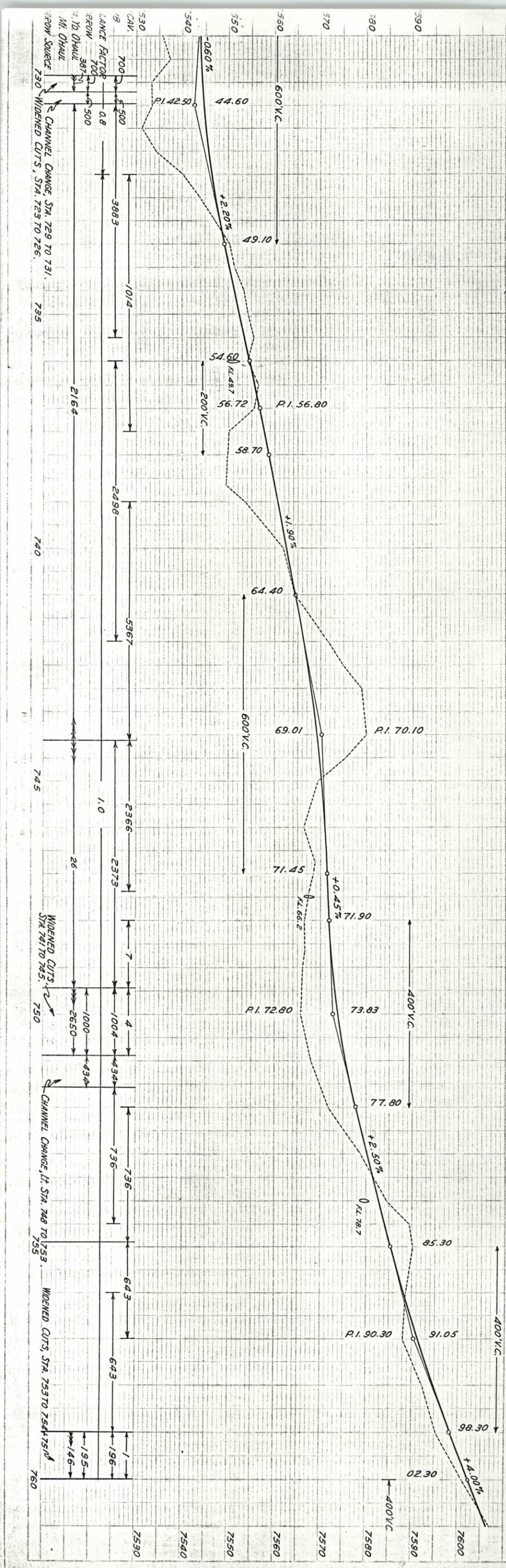
Sta. 747+50
Reqt. 30' x 50' C.M.P.
cross culvert & 10 cu.
yds. uncl. excavation
for inlet.

Sta. 754+00
Reqt. 24' x 50' C.M.P.
cross culvert & 50 cu.
yds. uncl. excavation for
inlet & outlet.

Sta. 748+00 to 753+00
Reqt. 434 cu. yds. Channel
Change, Lt. Excavated
material to be used in
roadway embankment.

Sta. 757+00
Reqt. 100 cu. yds. embank-
ment for road approach, Lt.

426°01'R
0 1°
7 1323.7'
L 2601.7'
R 5730.0'



39°54'R
3°
693.3'
L 1330.0'
R 1910.0'

3.E. 1/4
SEC. 11

N.E. 1/4 SEC. 11

Channel Change, Sta. 729 to 731.
WIDENED CUTS, Sta. 723 to 726.

3200 SOURCE
MI. CHAUL
2 1/2 CHAUL
387

LANE FACTOR
FROM 700
0.8
500

CAV.
700
500

330
540
550
560
570
580
590

PI. 42.50
44.60
+2.20%
49.10
54.60
FL. 48.7
56.72
58.70
+1.90%
64.40
600' V.C.
69.01
PI. 70.10
71.45
FL. 66.2
+0.45%
71.90
73.83
77.80
+2.50%
FL. 78.7
85.30
91.05
98.30
+4.00%
02.30
400' V.C.

600' V.C.
200' V.C.
600' V.C.
400' V.C.
400' V.C.

3883
1014
2498
5367
2366
2373
7
4
1004
434
736
736
643
643
1
196
195
146

2164
26
1000
434
2650

WIDENED CUTS, STA. 741 TO 745.
WIDENED CUTS, STA. 753 TO 754+751

730
735
740
745
750
755
760

7530
7540
7550
7560
7570
7580
7590
7600

FED. ROAD DIST. NO.	STATE	P.W.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	401-C	20	

Sta. 762+75
Reqd. 24' x 50' C.M.P.
cross culvert & 5 cu.
yds. uncl. excavation
for inlet & outlet.

Sta. 776+00
Reqd. 50 cu. yds. embankment
for road approach, Lt.

Sta. 779+00
Reqd. 100 cu. yds. embankment
for road approaches,
Rt. & Lt.

Δ 26° 01' E
D 1°
T 1323.7'
L 2601.7'
R 5730.0'

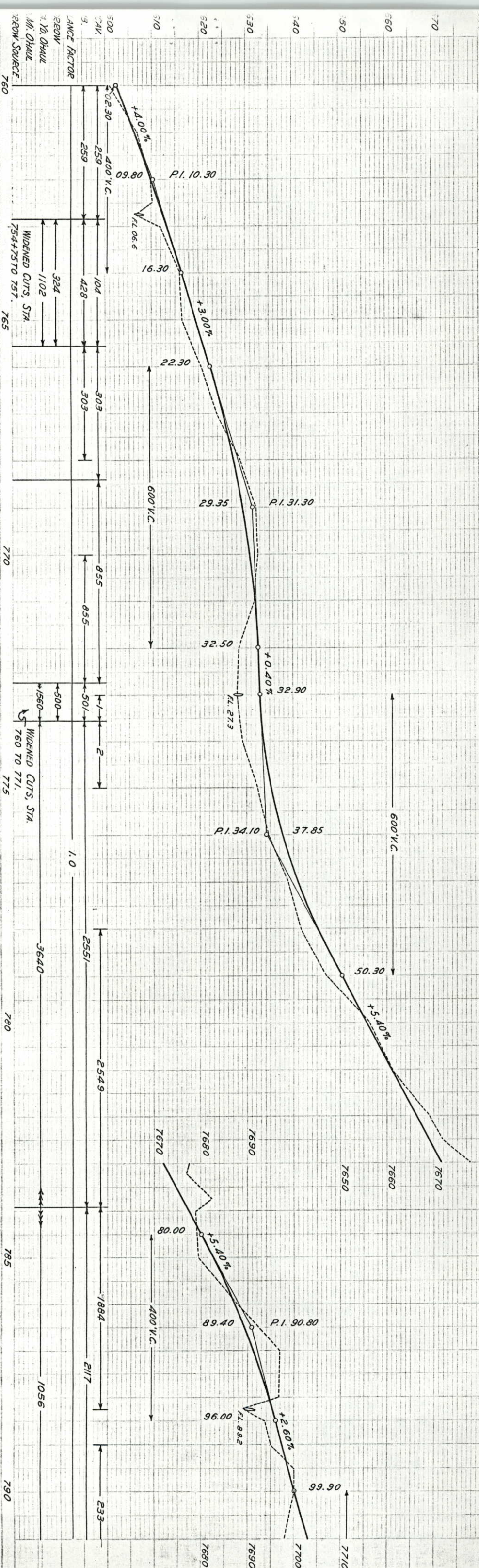
Sta. 773+00
Reqd. 24' x 50' C.M.P.
cross culvert & 15
cu. yds. uncl. excav-
ation for inlet &
outlet.

Sta. 779+50
Reqd. 25 cu. yds. uncl.
excavation for walk
approach, Rt.

Sta. 775+10
Reqd. 18' x 26' C.M.P. side
drain & 25 cu. yds. uncl. excava-
tion for road approach, Rt.

Sta. 788+25
Reqd. 30' x 50' C.M.P. cross
culvert & 25 cu. yds. uncl.
excavation for inlet & outlet.

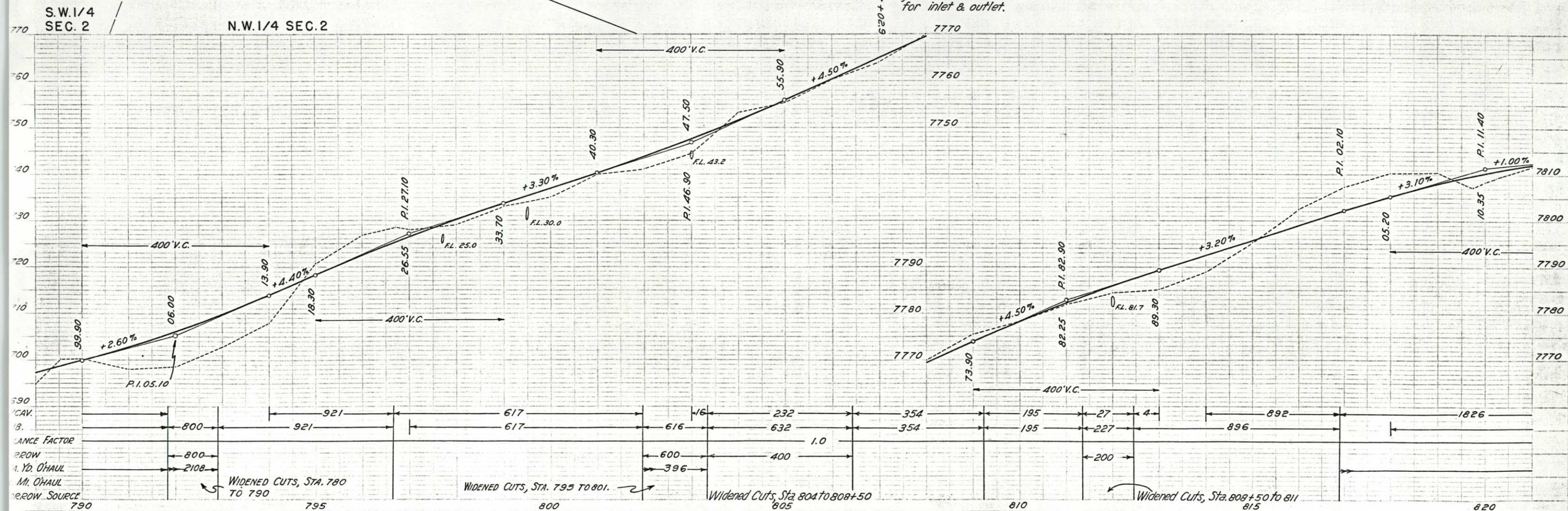
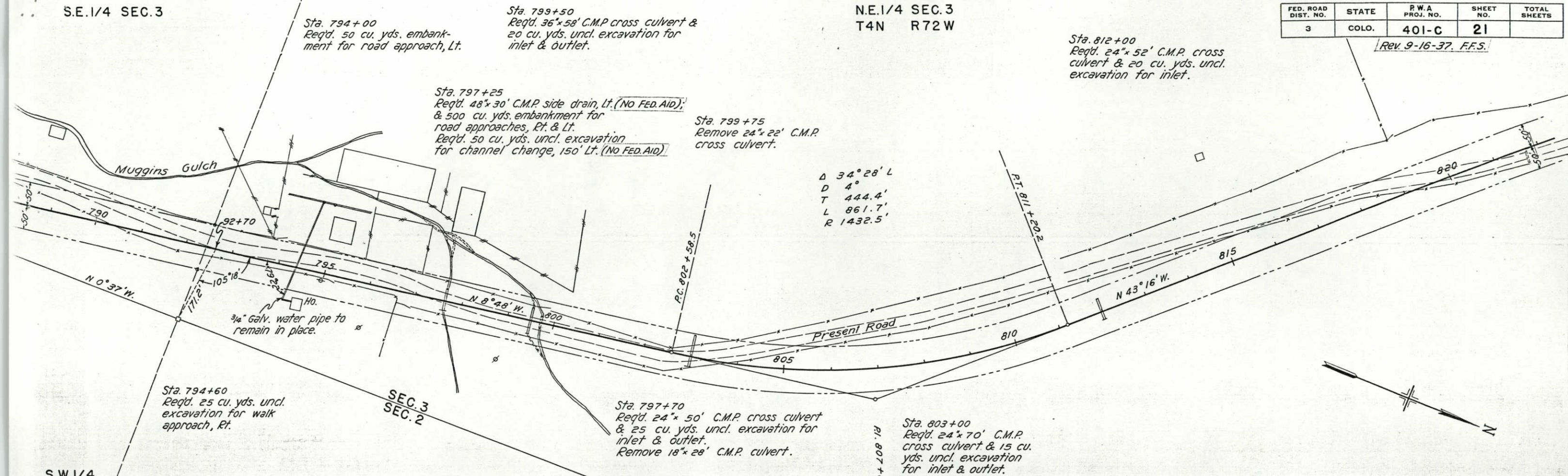
S.W. 1/4 SEC. 2



FED. ROAD DIST. NO.	STATE	P.W.A PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	401-C	21	

Rev. 9-16-37. F.F.S.

Sta. 812+00
Req'd. 24" x 52' C.M.P. cross
culvert & 20 cu. yds. uncl.
excavation for inlet.



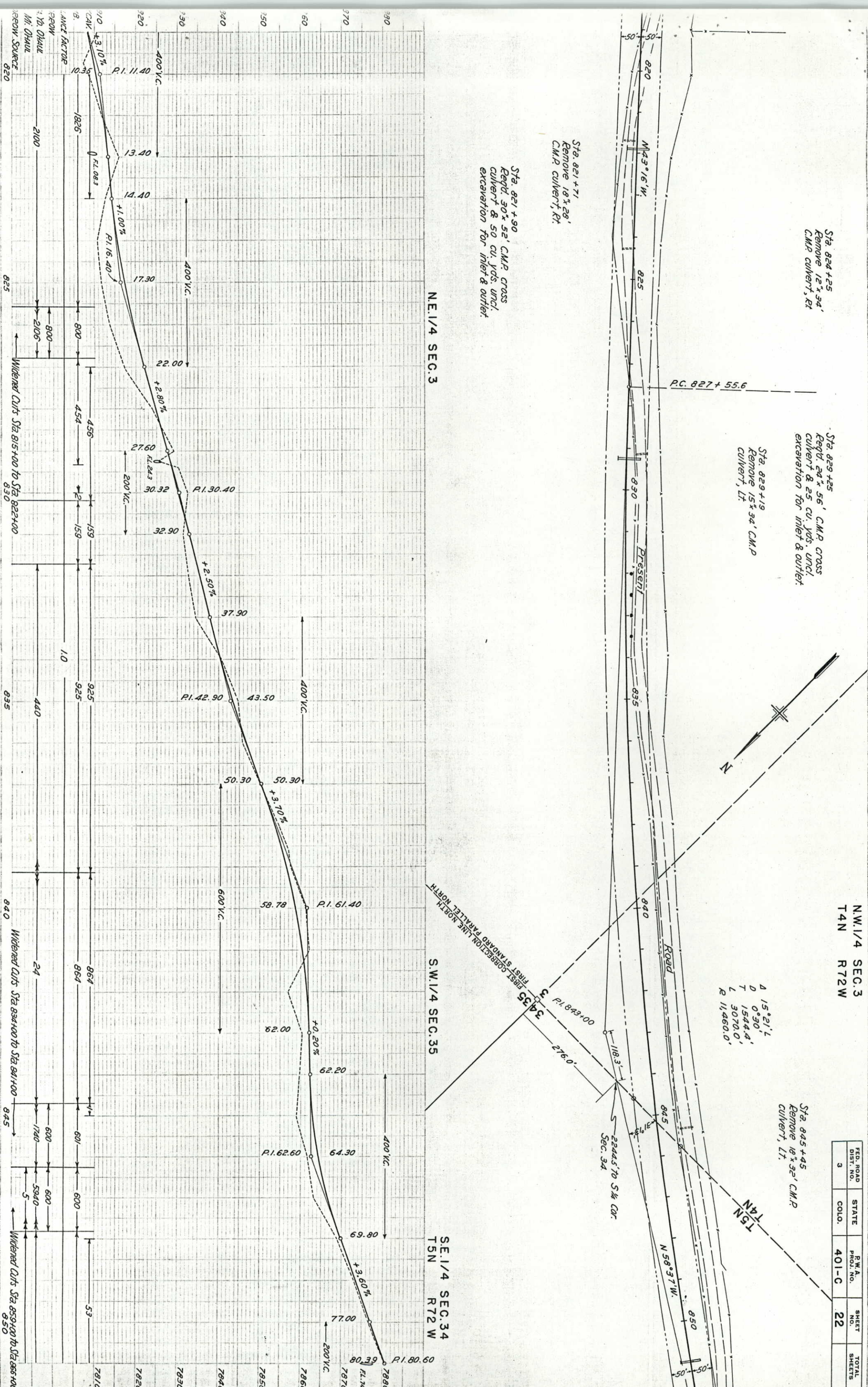
N.W. 1/4 SEC. 3
T4N R72W

Sta. 829+25
Reqd. 24' x 56' C.M.P. cross
culvert & 25 cu. yds. uncl.
excavation for inlet & outlet.

Sta. 829+19
Remove 15' x 34' C.M.P
culvert, Lt.

Sta. 845 + 45
Remove 18" x 32' C.M.P.
culvert, 17.

A	15° 21' L
D	0° 30'
T	1544.4'
L	3070.0'
R	11,460.0'



N.W. 1/4 SEC. 3
T4N R72W

S.E. 1/4 SEC. 34
T5N R72W

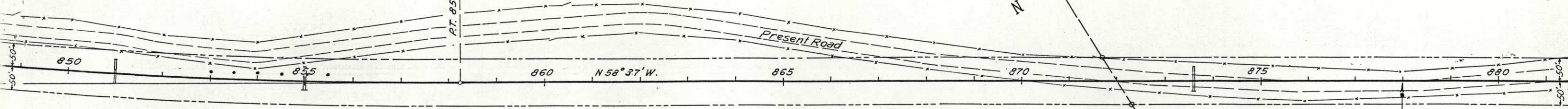
S.W. 1/4 SEC. 34

FED. ROAD DIST. NO.	STATE	P.W.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	401-C	23	

Sta. 852+00
Req'd. 50 cu. yds. embankment for road approach, Lt.

Δ 15°21' L
D 0°30'
T 1544.4'
L 3070.0'
R 11460.0'

Sta. 873+60
Req'd. 24'x54' C.M.P. cross culvert & 15 cu. yds. uncl. excavation for inlet & outlet.



Sta. 851+00
Req'd. 36'x52' C.M.P. cross culvert & 50 cu. yds. uncl. excavation for inlet & outlet.

Sta. 855+00
Req'd. 24'x50' C.M.P. cross culvert & 5 cu. yds. uncl. excavation for inlet & outlet.

STA. 878+00
END OF P.W.A. PROJECT 401-C

Sta. 878+00
Req'd. Project Marker.

