

APPROVED

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.

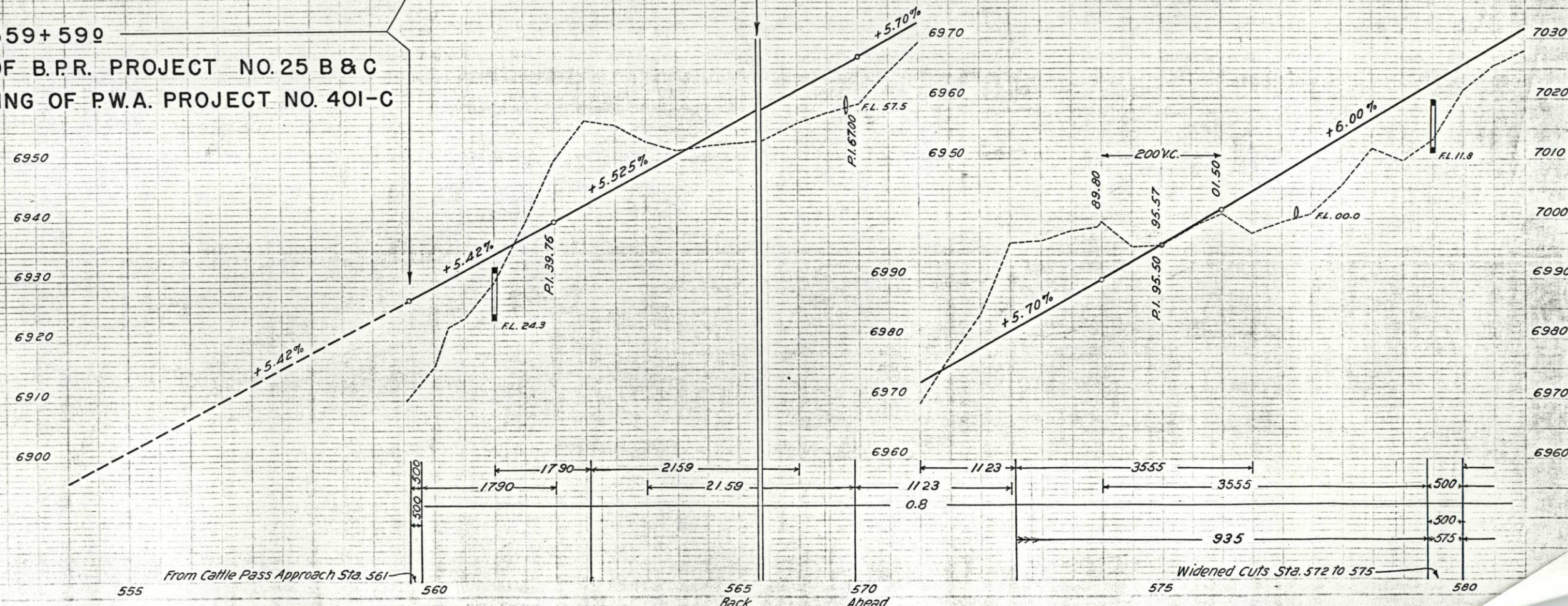
Right of Way Markers are " " " 4.

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.

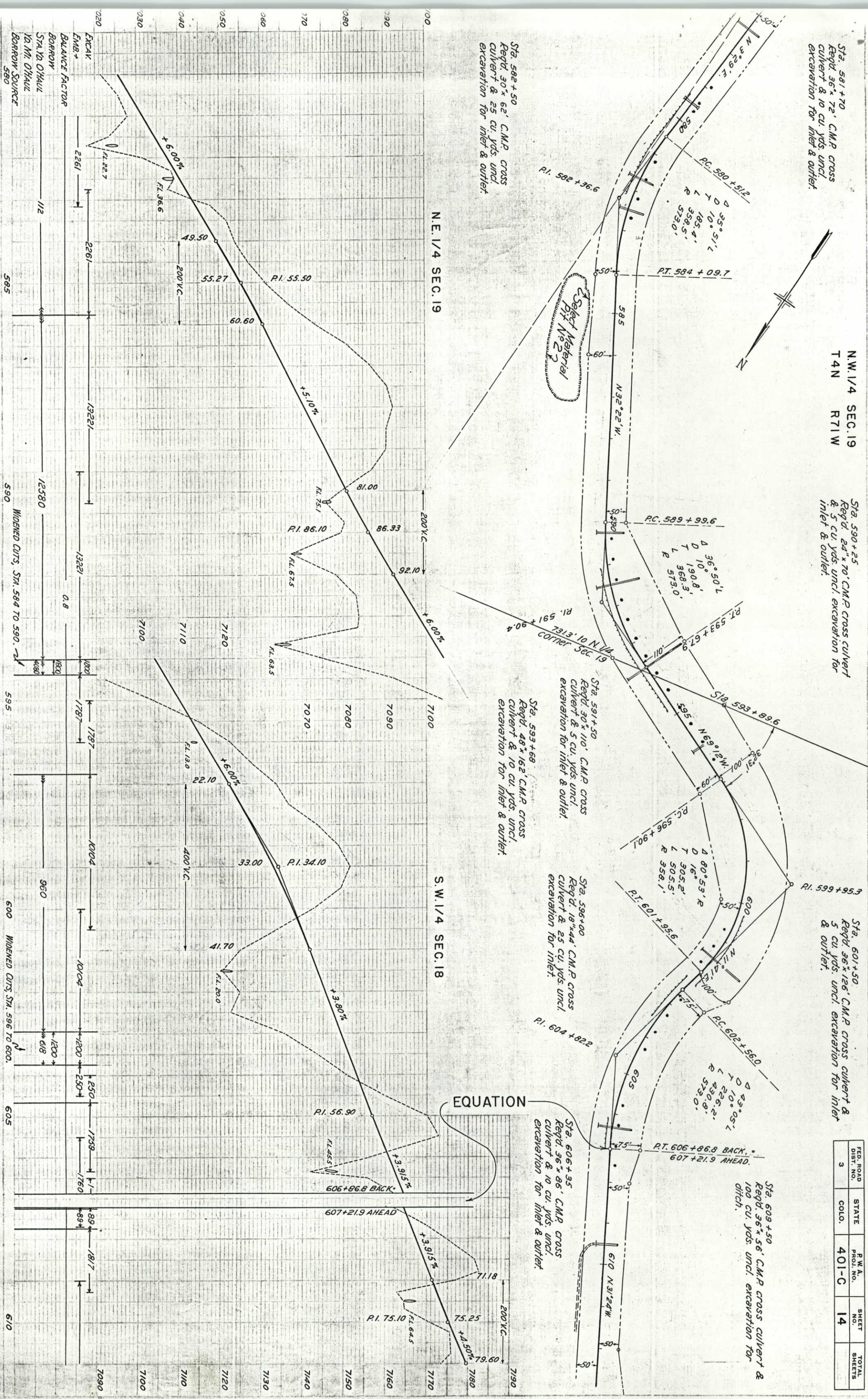
Sta. 606+35
Reqd. 36"x86" C.M.P. cross
culvert & 10 cu. yds. uncl.
excavation for inlet & outlet.

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



S.E. 1/4 SEC. 13
T 4N R 72W

Sta. 617+85
Reqd. 36"x56' C.M.P. cross
culvert & 15 cu. yds. uncl.
excavation for inlet & outlet.

Sta. 634+50
Reqd. 36" x 68' C.M.P. cross
culvert & 5 cu. yds. incl.
excavation for inlet & outlet.

Sta. 630+00
Reqd. 24' x 56' C.M.P. cross
culvert & 5 cu. yds. uncl.
excavation for inlet.

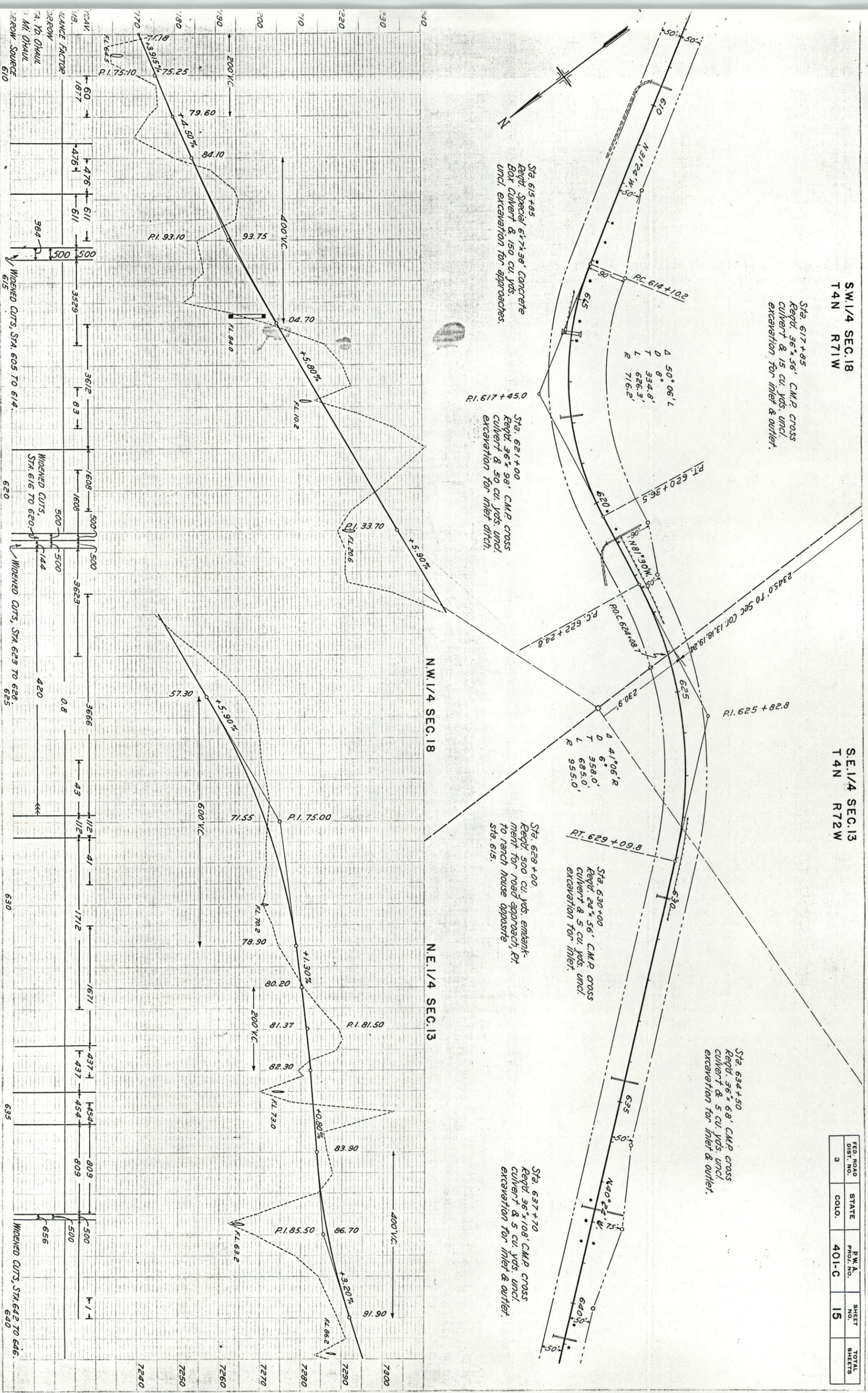
Sta. 628+00
Reqd. 500 cu. yds. embank-
ment for road approach, R.
to ranch house opposite

Sta. 637+70
Reqd. 36"x108' C.M.P. cross
culvert & 5 cu. yds. incl.
excavation for inlet & outlet.

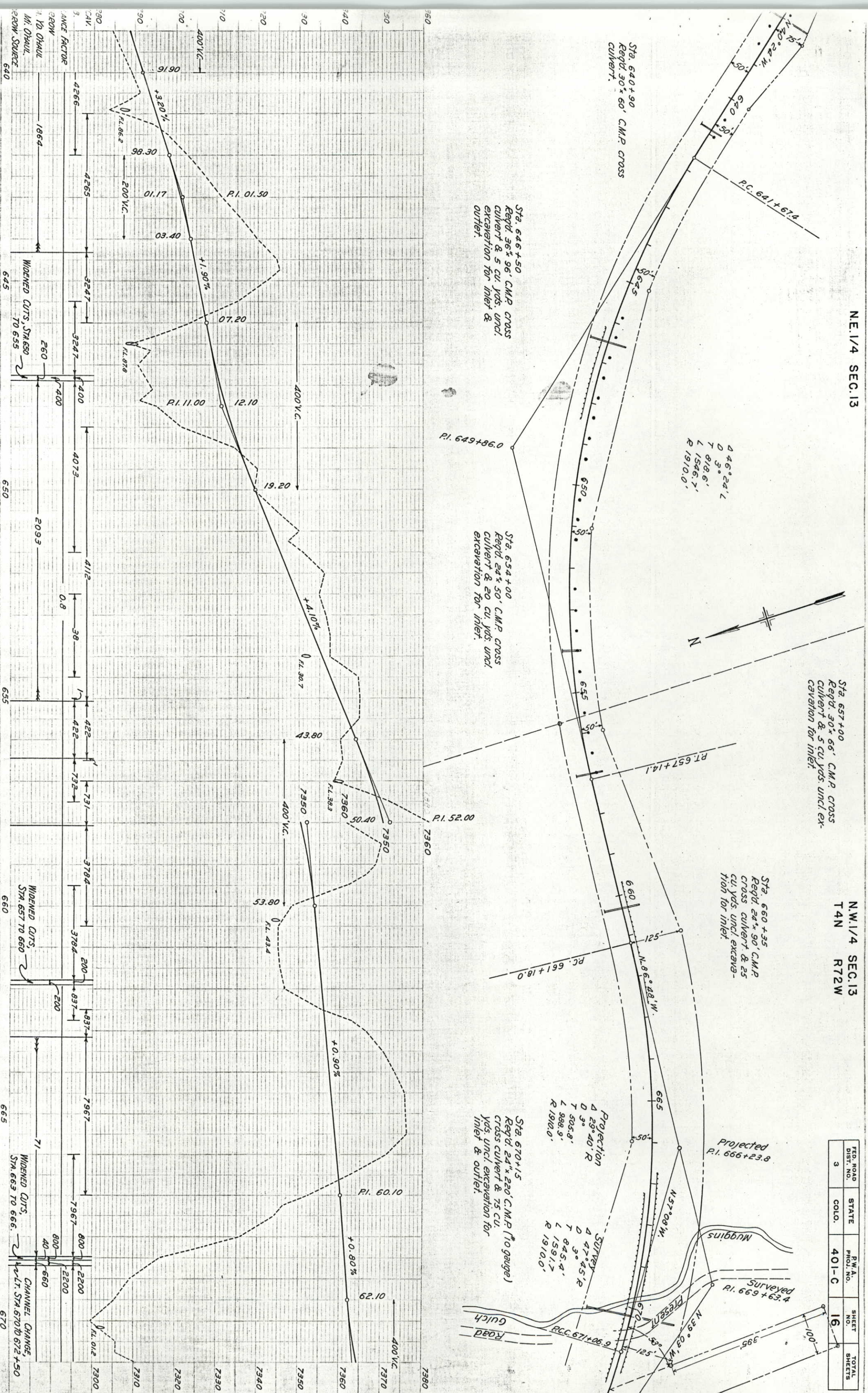
Sta. 621+00
Reqt. 36" x 98' C.M.P. cross
culvert & 50 cu. yds. undi.
excavation for inlet ditch.

Sta. 621+00
Reqt. 36" x 98' C.M.P. cross
culvert & 50 cu. yds. undi.
excavation for inlet ditch.

Sta. 615+85
Reqd. Special 6'x7'x36" Concrete
Box Culvert @ 150 cu. yds.
incl. excavation for approaches.



FED. ROAD DIST. NO.	STATE	P.W.A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	401-C	16	20

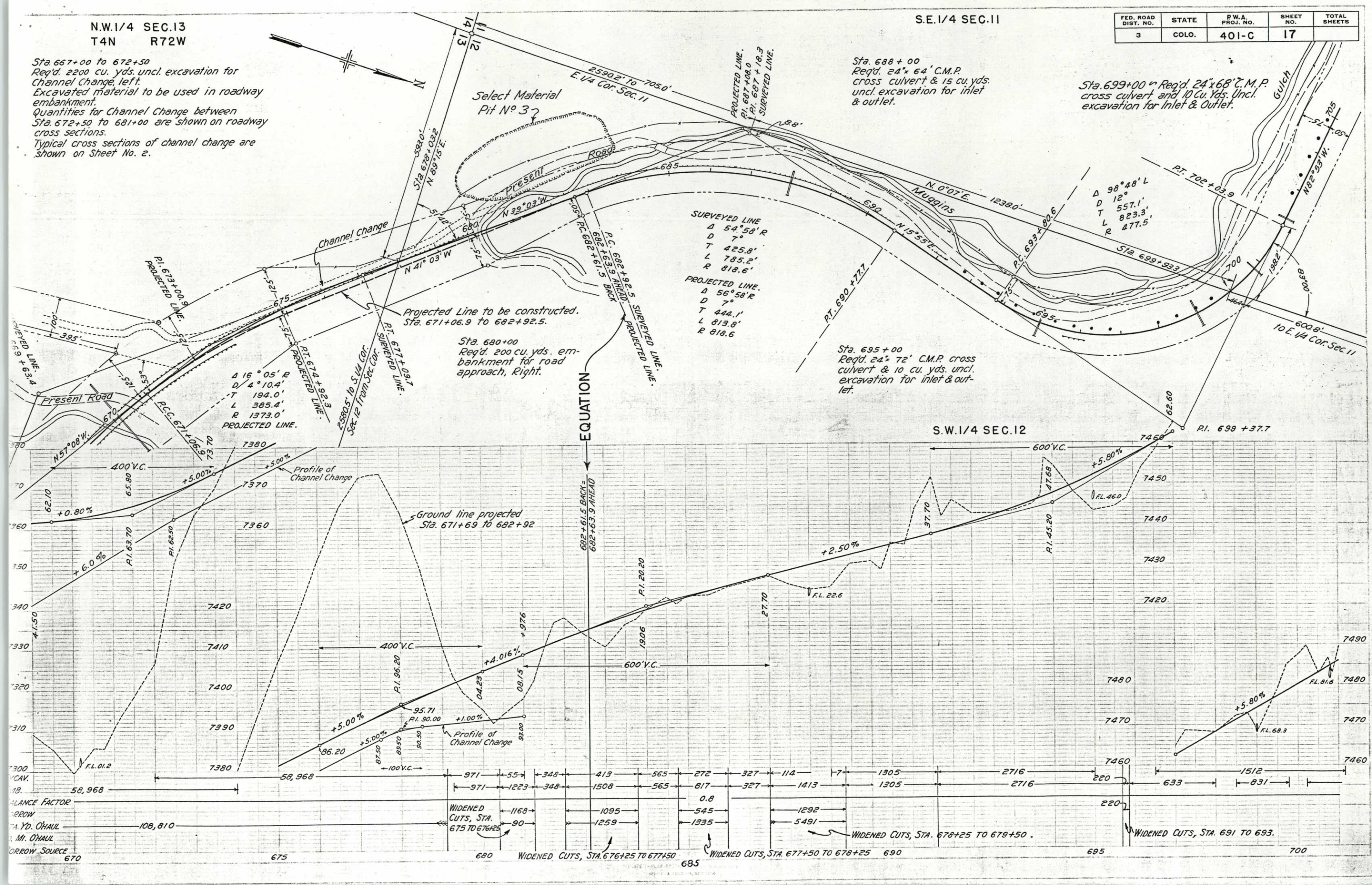


N.W.1/4 SEC.13
T4N R72W

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. 667+00 to 672+50
Req'd. 2200 cu. yds. uncl. excavation for
Channel Change, left.
Excavated material to be used in roadway
embankment.
Quantities for Channel Change between
Sta. 672+50 to 681+00 are shown on roadway
cross sections.
Typical cross sections of channel change are
shown on Sheet No. 2.



FED. ROAD DIST. NO.	STATE	P. W. A. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	401-C	18	

Δ 39° 54' R
 D 3°
 T 693.3'
 L 1330.0'
 R 1910.0'

Sta. 729+00
Req'd. 24' x 68' C.M.P
cross culvert & 20 cu.
yds. uncl. excavation for
inlet & outlet

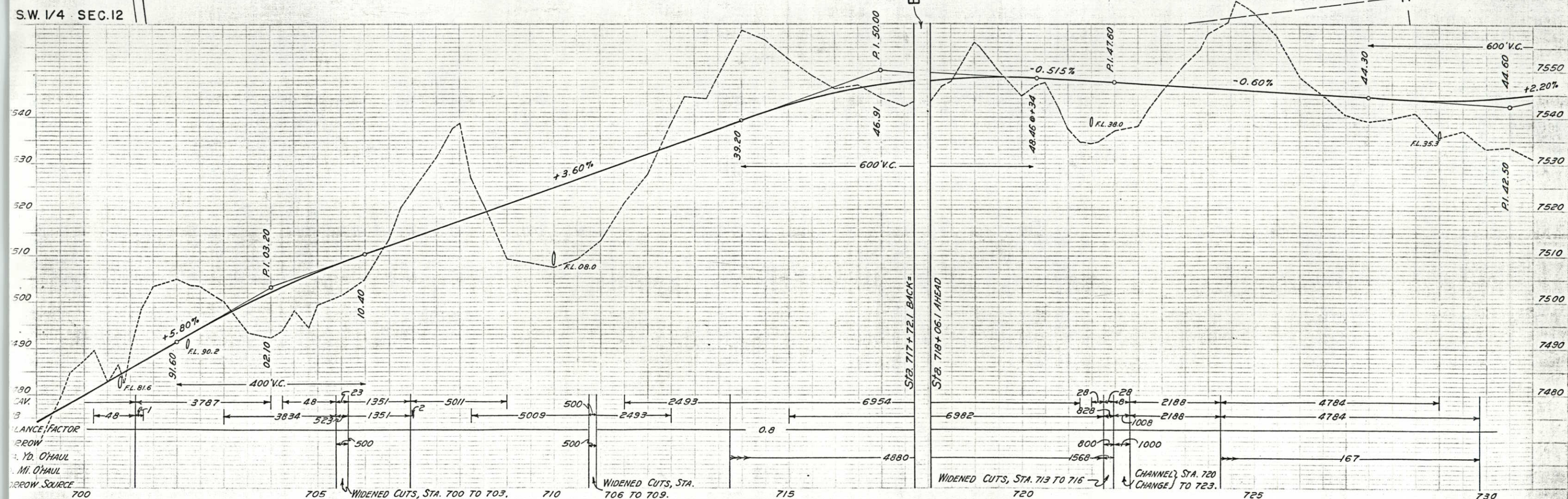
Sta. 720+00 to 723+50
Req'd. 1000 cu. yds. uncl. excavation
for Channel Change, left. Excavated
material to be used in roadway
embankment.

Sta. 710 + 00
Req'd. 36" x 84' C.M.P.
cross culvert & 5 cu.
yds. uncl. excavation
for inlet & outlet.

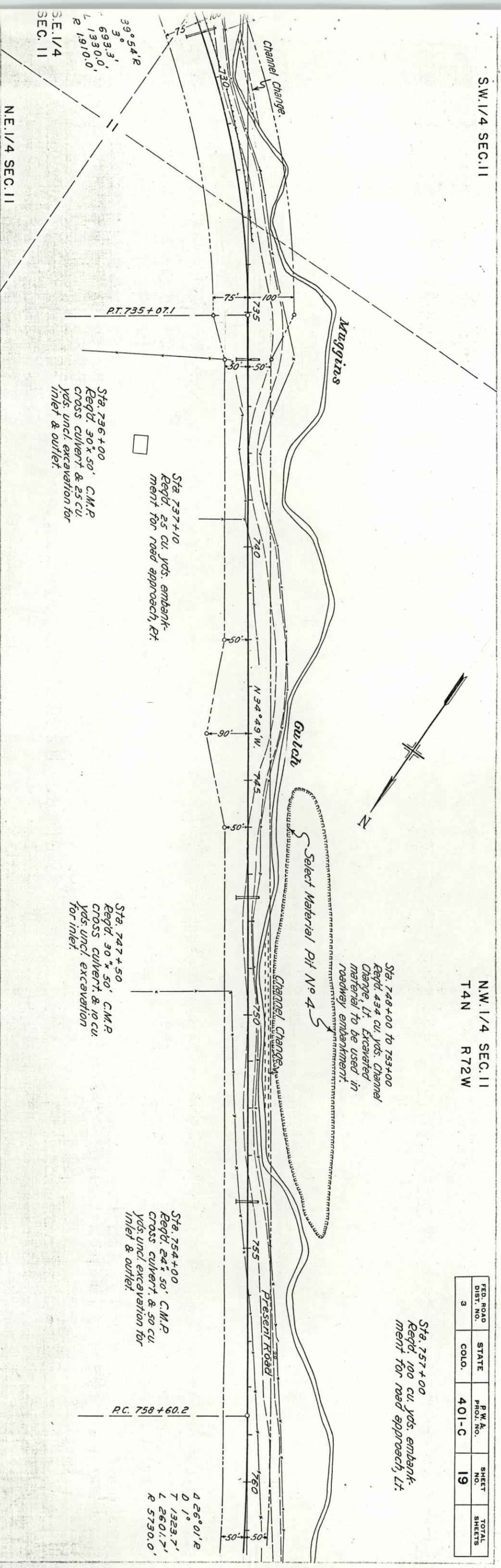
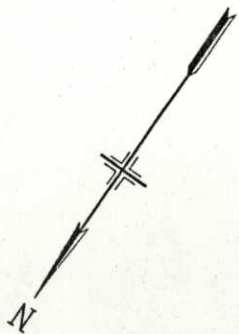
Δ 30°06.5' L
 D 6°
 T 256.9'
 L 501.8'
 R 955.0'

Δ $38^{\circ} 16.5' R$
 D 8°
 T $248.5'$
 L $478.4'$
 R $716.3'$

EQUATION—



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.

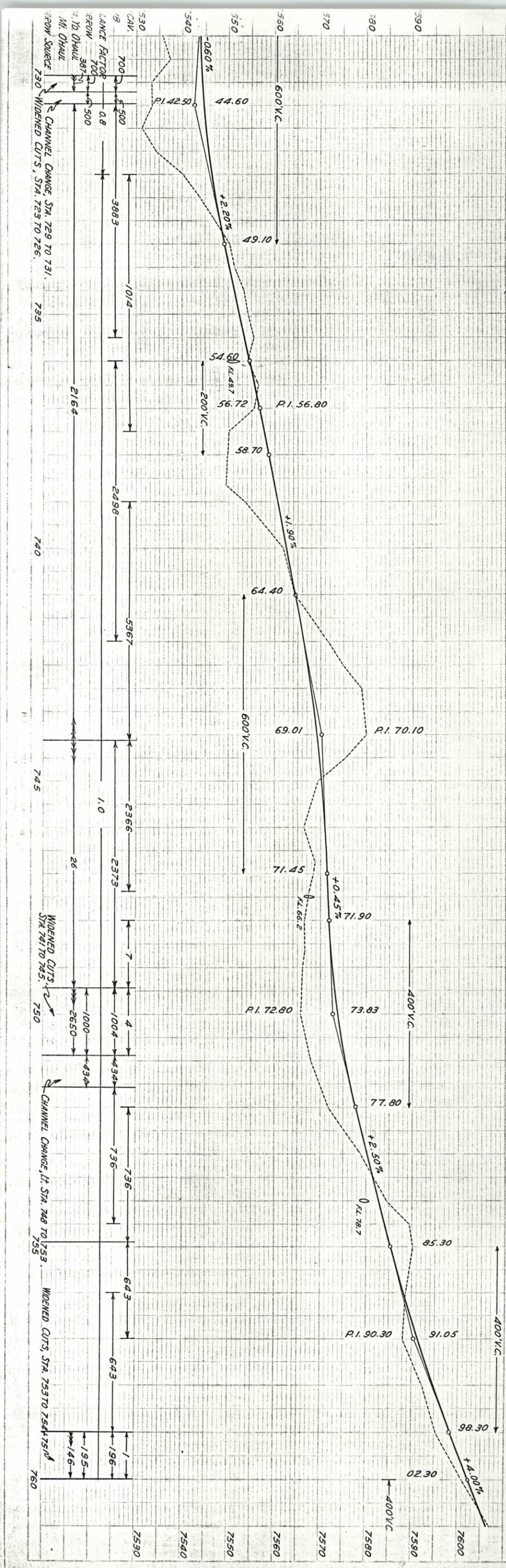
Sta. 747+50
Reqt. 30' x 50' C.M.P.
cross culvert & 10 cu.
yds. uncl. excavation
for inlet.

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' L
7' 1323.7'
L 2601.7'
R 5730.0'



Station	730	735	740	745	750	755	760
CAV.	700	700	700	700	700	700	700
LANE FACTOR	0.8	0.8	0.8	0.8	0.8	0.8	0.8
FROM	387	387	387	387	387	387	387
1/2 CHAUL	500	500	500	500	500	500	500
MI. CHAUL	500	500	500	500	500	500	500
FROM SOURCE	730	730	730	730	730	730	730
WIDENED CUTS, STA. 723 TO 726.							
WIDENED CUTS, STA. 741 TO 745.							
WIDENED CUTS, STA. 753 TO 754+751							

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

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

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

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

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

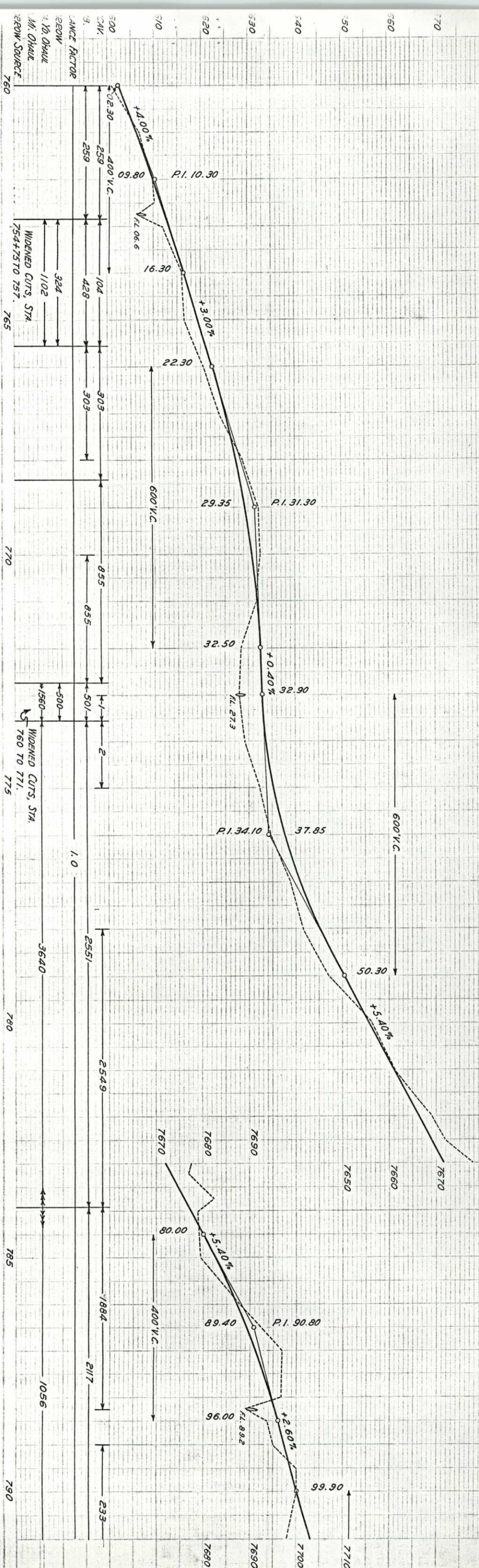
Sta. 773+00
Reqt. 24' x 50' C.M.P. cross culvert & 15 cu. yds. uncl. excavation for inlet & outlet.

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

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

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

S.W. 1/4 SEC. 2



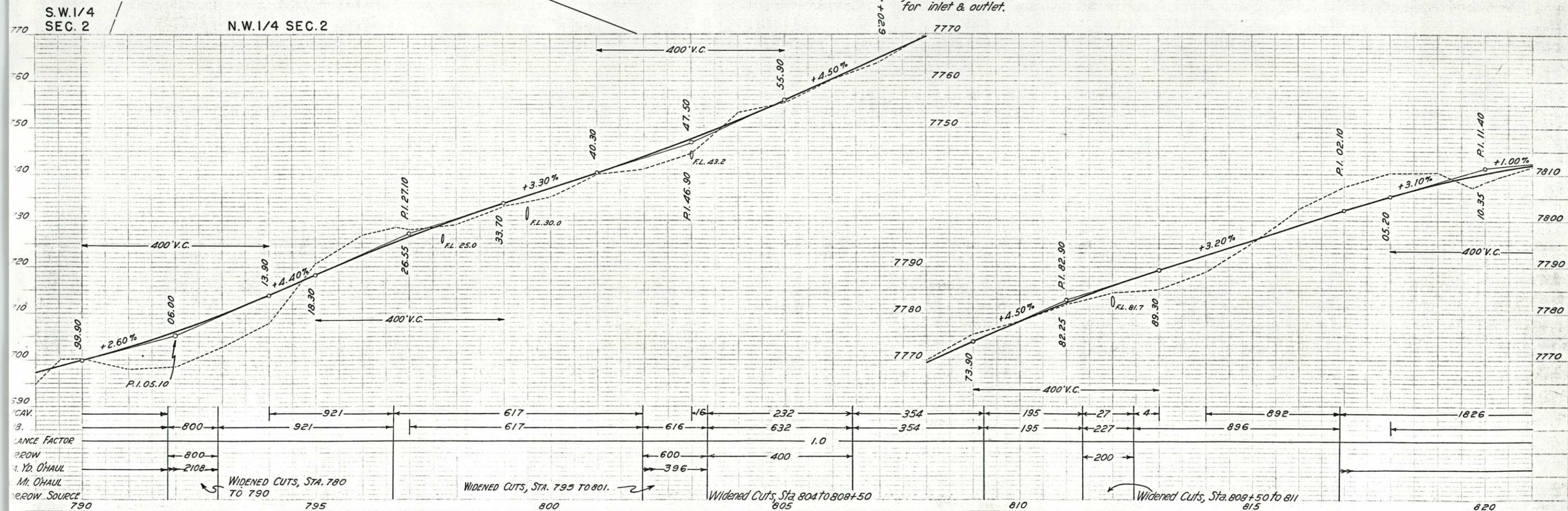
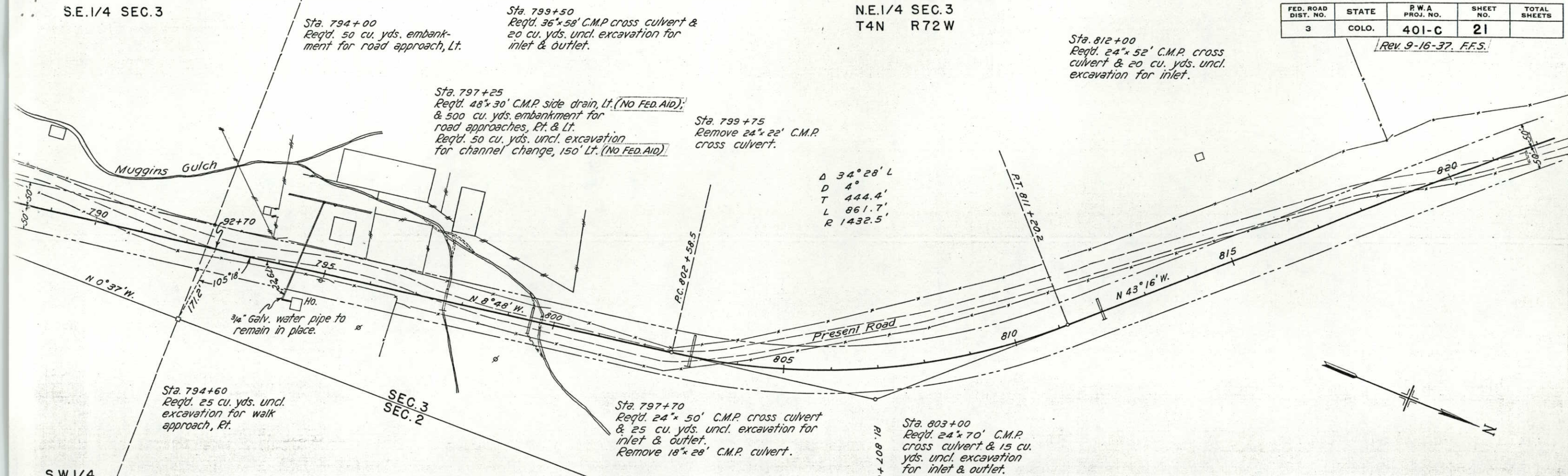
Sta. 799+50
Req'd. 36'x58' C.M.P. cross culvert &
20 cu. yds. uncl. excavation for
inlet & outlet.

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

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.



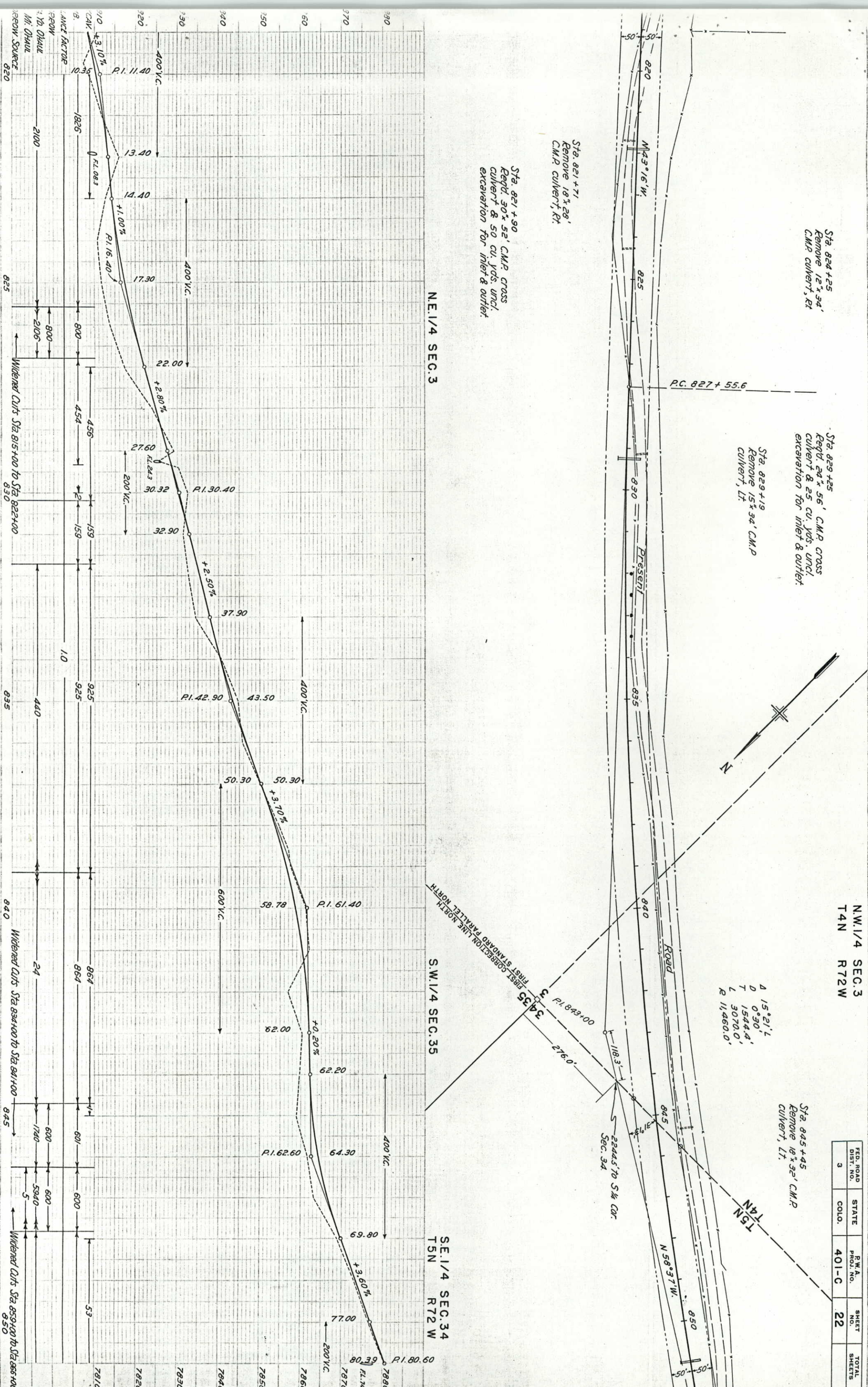
N.W. 1/4 SEC. 3
T4N R72W

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.

Δ	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

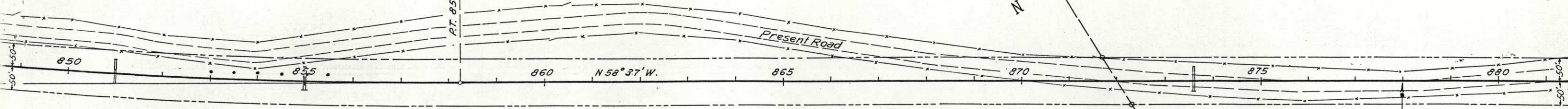
S.W. 1/4 SEC. 34

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.

