STA. 83+00

28° 00.53

1120' EL. 1110' EL. 1130' EL. 1120' EL. 1140' EL.

CUT A = 29.94 IN² (32.82) 32.95

Δ CUT = 32.83 FT²

STA. 82+00

30° 05.37

1130' EL. 1120' EL. 1110' EL. 1130' EL. 1140' EL.

CUT A = 28.58 IN² (27.73)

Δ CUT = 2862 FT²

STA. 81+00

19.75

1120' EL. 1110' EL. 1130' EL. 1120' EL.

CUT A = 12.73 IN² CUT A = 10.89 IN² (10.90)

Δ CUT = 1090 FT²

STA. 80+00

16° 12.12

1120' EL. 1110' EL. 1140' EL. 1130' EL. 1120' EL.

CUT A = 4.02 IN² (4.31)

Δ CUT = 401 FT²

STA. 79+00

16° 14.13

1120' EL. 1110' EL. 1140' EL. 1130' EL. 1120' EL.

CUT A = 2.06 IN² (1.97) FILL A = .18 IN² (.18)

CUT = 201 FT²
FILL = 18 FT²
Δ CUT = 183 FT²

STA. 78+00

15° 15.40

1120' EL. 1110' EL. 1130' EL. 1120' EL.

CUT A = .73 IN² (69) FILL A = .19 IN² (.17)

CUT = 69 FT²
FILL = 20 FT²
Δ CUT = 49 FT²

STA. 77+82.13 B.C.

15° 15.65

1120' EL. 1110' EL. 1130' EL. 1120' EL.

Δ FILL = 58 FT²

STA. 77+00

BEGIN DITCH 15° 16.04

1110' EL. 1120' EL.

FILL A = .53 IN² (.63)

STA. 76+50

15° 17.20

1100' EL. 1110' EL. 1120' EL.

FILL A = .95 IN² (1.02)

Δ FILL = 98 FT²

STA. 76+00

14° 17.88

1100' EL. 1110' EL. 1120' EL. 1130' EL.

FILL A = 1.51 IN² (1.53)

Δ FILL = 152 FT²

STA. 75+65

16° 18.35

1100' EL. 1110' EL. 1120' EL. 1110' EL.

STA. 75+00

19° 19.09

1100' EL. 1120' EL.

℄

1110' EL.

INDEXED

S. S. PROJECT NO. 132

CHICAGO · AVE. EXTENSION NO. 2

CROSS SECTIONS
STA. 75+00 TO STA. 83+00

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

SCALE: HOR. 1"=10'
VERT. 1"=10'
F.B. 697/6-9, C-9/76,

DRG. NO. 3069

R-915

IX - IIX

STA. 90+03.01 B.C.

CUT A = 22.40 IN²

(22.33)

1080' EL.

1070' EL.

1060' EL.

1050' EL.

Δ CUT = 2236 FT²

STA. 89+00

CUT A = 29.38 IN²

(27.35)

1170' EL.

1080' EL.

1060' EL.

1090' EL.

Δ CUT = 2937 FT²

STA. 88+00

CUT A = 26.75 IN²

1090' EL.

1080' EL.

1070' EL.

Δ CUT = 2679 FT²

STA. 87+45

CUT A = 21.31 IN²

(21.27)

1090' EL.

1080' EL.

1070' EL.

Δ CUT = 2129 FT²

STA. 87+00

CUT A = 29.96 IN²

(29.99)

1100' EL.

1090' EL.

1080' EL.

1070' EL.

Δ CUT = 2997 FT²

STA. 86+25.75 E.C.

1100' EL.

1090' EL.

STA. 86+00

CUT A = 26.00 IN²

(25.95)

1110' EL.

1100' EL.

1090' EL.

1080' EL.

Δ CUT = 2597 FT²

STA. 85+00

CUT A = 20.97 IN²

(20.77)

A = 2.26 IN²

Center Island - Country Club Drive

1110' EL.

1100' EL.

1090' EL.

1090' EL.

Δ CUT = 2097 FT²

STA. 84+00

CUT A = 24.74 IN²

(24.71)

1120' EL.

1110' EL.

1100' EL.

1090' EL.

Δ CUT = 2472 FT²

℄

S. S. PROJECT NO. 132

CHICAGO AVE. EXTENSION NO. 2

CROSS SECTIONS
STA 84+00 TO STA. 90+03.01

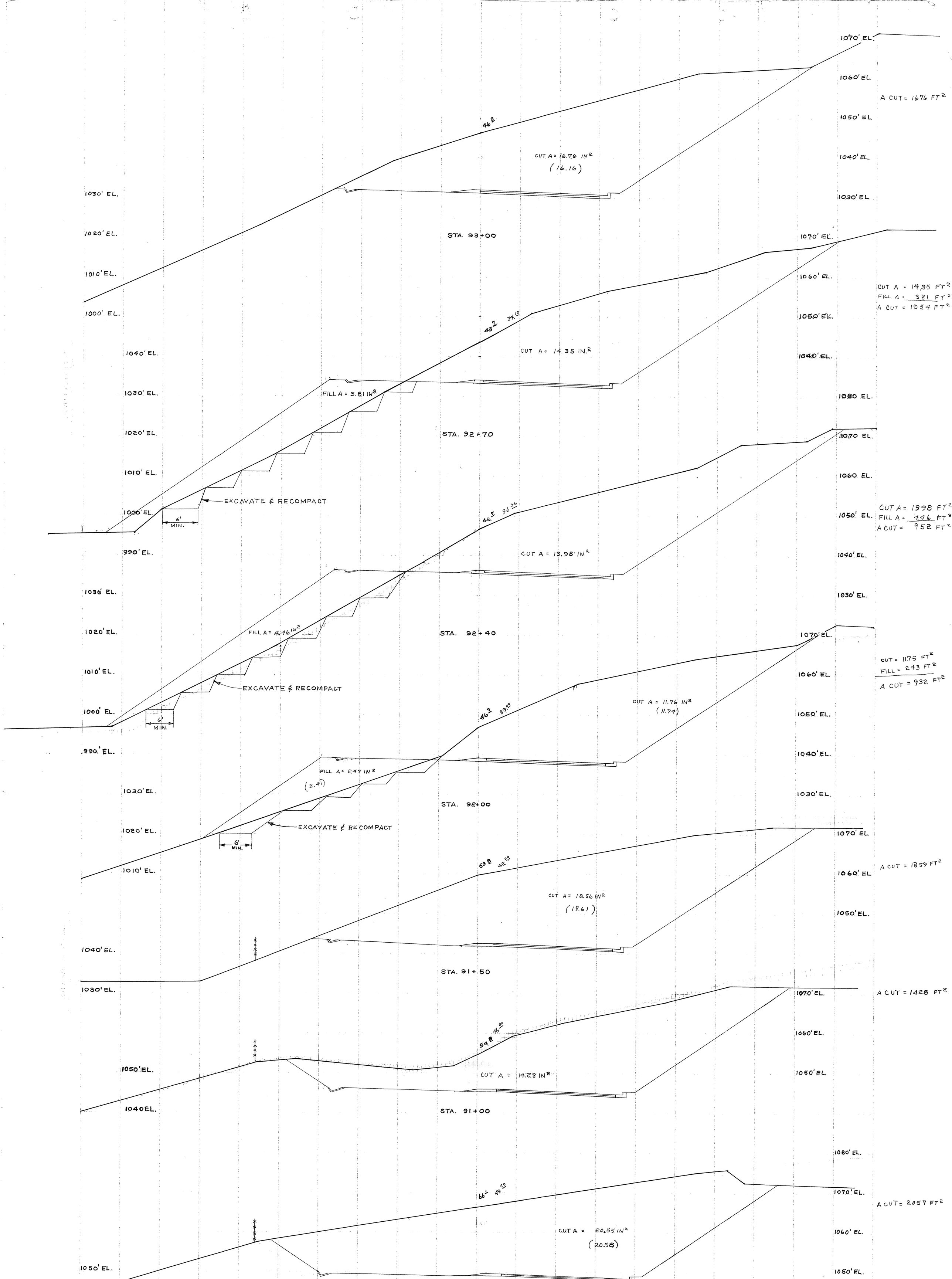
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

SCALE: HOR. 1"= 10'
VERT. 1"= 10'
F.B. 697/9-11

PROJECT 3069

R-915

SHEET 2X-11X



S. S. PROJECT NO. 132

CHICAGO AVE. EXTENSION · NO. 2

CROSS SECTIONS
STA. 90+50 TO STA. 93+00

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

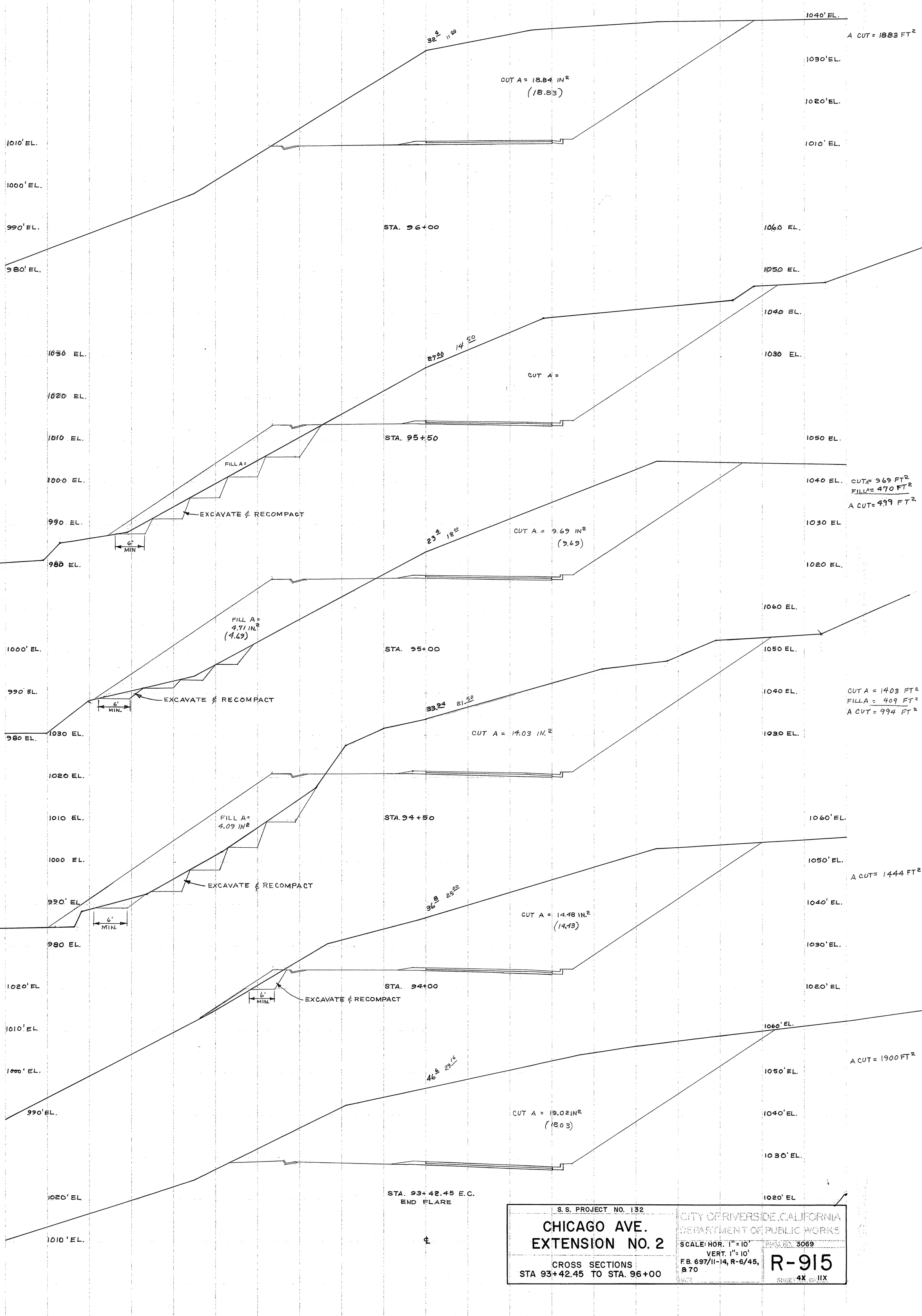
SCALE: HOR. 1" = 10'
VERT. 1" = 10'
F.B. 697/11-14, R-6/45, & 70

PROJ. NO. 3069

R-915

SHEET 3X OF 11X

DATE



S.S. PROJECT NO. 132

CHICAGO AVE. EXTENSION NO. 2

CROSS SECTIONS
STA 93+42.45 TO STA. 96+00

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

SCALE: HOR. 1" = 10'
VERT. 1" = 10'
F.B. 697/11-14, R-6/45, & 70

PROJECT NO. 3069

R-915

SHEET 4X OF 11X SHEETS

S. S. PROJECT NO. 132

CHICAGO AVE. EXTENSION NO. 2

CROSS SECTIONS
STA. 96+53.97 TO STA. 98+30

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

SCALE: HOR. 1" = 10'
VERT. 1" = 10'
F. B. 697/14-17, R-6/45 & 71

DRAWING NO. 3069

R-915

SHEET 5X OF 11X

950' EL.

940' EL.

GAGE CANAL

66" STEEL PIPE

105+50

950' EL.

940' EL.

STA. 105 + 11.29 E.C.
NO SECTION

AT 105+10
50.00 @ 50'

INLET FLUME TO CHANNEL

950' EL.

940' EL.

FILL A = 6.59 IN²
(6.70)

A FILL = 665 FT²

STA. 105+00

960' EL.

950' EL.

CUT A = .16 IN²
(.16)

FILL A = 5.84 IN²
(5.85)

FILL A = 585 FT²
CUT A = 16 FT²
A FILL = 569 FT²

STA. 104+00

970' EL.

960' EL.

950' EL.

CUT A = 12 IN²
(.13)

FILL A = 8.08 IN²
(8.16)

FILL A = 812 FT²
CUT A = 12 FT²
A FILL = 800 FT²

STA. 103+00

970' EL.

960' EL.

950' EL.

CUT A = .09

FILL A = 10.66 IN²
(10.65)

FILL A = 1066 FT²
CUT A = 9 FT²
A FILL = 1057 FT²

STA. 102+00

980' EL.

970' EL.

960' EL.

2:1

FILL A = 13.61 IN²
(13.70)

FILL A = 1365 FT²
CUT A = 22 FT²
A FILL = 1343 FT²

STA. 101+00

990' EL.

980' EL.

970' EL

960' EL.

CUT A = .16 IN²
(.17)

FILL A = 10.73 IN²
(10.75)

CUT A = .79 IN²
(.69)

EXCAVATE & RECOMPACT

6' MIN.

FILL A = 1075 FT²
CUT A = 74 FT²
17 FT²
91 FT²
A FILL = 984 FT²

STA. 100+00

1020' EL.

1010' EL

1000' EL.

990' EL.

980' EL.

970' EL.

960' EL.

CUT A = 16.62 IN²
(15.14)

CUT A = 1506 FT²
25 FT²
1531 FT²
FILL A = 187 FT²
A CUT = 1344 FT²

STA. 99+00

FILL A = 1.43 IN²
(1.85)

EXCAVATE & RECOMPACT

6' MIN.

CUT A = .25 IN²
(.25)

S. S. PROJECT NO. 132

CHICAGO AVE. EXTENSION NO. 2

CROSS SECTIONS
STA. 99+00 TO STA. 105+50

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

SCALE: HOR. 1" = 10'
VERT. 1" = 10'
F.B. 697/14-17, R-6/45

PROJ NO. 3069

R-915

SHEET 6X OF 11X

930'EL.
920'EL.
EXIT DIKE
21²@ 12⁴
CUT A = 1.44 IN²
(1.38)
FILL A = 6.61 IN²
(6.69)
33.42
22.22 ℄
20 1
STA. 116+40
(EXCAVATE & RECOMPACT)
CUT A = .14 IN²
(.14)
18" VCP
approx. location
930'EL.
920'EL.
FILL = 665 FT²
CUT = 138 FT²
= 14 FT²
152
Δ FILL = 513 FT²

930'EL.
920'EL.
(FILL A = .10)
CUT A = .37 IN²
(.38)
FILL A = 5.23 IN²
(5.25)
32.28
22.50 ℄
22 0
STA. 116+00
(EXCAVATE & RECOMPACT)
18" VCP
approx. location
930'EL.
920'EL.
FILL = 585 FT²
= 10 FT²
595 FT²
CUT = 38 FT²
Δ FILL = 557 FT²

930'EL.
920'EL.
CUT A = .37 IN²
(.38)
FILL A = 3.72 IN²
(3.71)
29.58
23.35 ℄
22 1
STA. 115+00
18" VCP
approx. location
930'EL.
920'EL.
FILL = 371 FT²
CUT = 35 FT²
Δ FILL = 336 FT²

930'EL.
920'EL.
CUT A = .37 IN²
(.34)
FILL A = 2.32 IN²
(2.39)
28.53
22 4
STA. 114+00
930'EL.
920'EL.
FILL = 232 FT²
= 11 FT²
243 FT²
CUT = 28 FT²
Δ FILL = 215 FT²

930'EL.
920'EL.
FILL A = 1.94 IN²
(1.96)
28.16
24 0
STA. 113+00
930'EL.
920'EL.
FILL = 140 FT²
= 26 FT²
166 FT²
CUT = 12 FT²
Δ FILL = 154 FT²

930'EL.
920'EL.
CONNECT TO EXIST.
8" IRR. LINE
℄ = 919.6
(.20)
(FILL A = .39 IN²)
STA. 112+00
28.62
26 5
℄ = 923.2
℄ = 926.2
CONNECT TO EXIST. 8" IRR. LINE
930'EL.
920'EL.
FILL = 32 FT²
= 20 FT²
52 FT²
CUT = 26 FT²
Δ FILL = 26 FT²

930'EL.
920'EL.
CUT A = .19 IN²
(.29)
STA. 111+00
30.08
28 3
930'EL.
920'EL.
CUT = 29 FT²
FILL = 10 FT²
Δ CUT = 19 FT²

930'EL.
CUT A = .23 IN²
(.28)
FILL A = .11 IN²
STA. 110+00
32.88
30 5
930'EL.
CUT = 26 FT²
FILL = 11 FT²
Δ CUT = 15 FT²

940'EL.
930'EL.
CUT A = .29 IN²
(.26)
FILL A = .94 IN²
(.99)
STA. 109+00
35.88
33 0
940' EL.
930'EL.
FILL = 99 FT²
CUT = 27 FT²
Δ FILL = 67 FT²

940'EL.
930'EL.
CUT A = .12 IN²
(.34)
FILL 2.11 IN²
(2.07)
STA. 108+00
40.20
36 6
940' EL.
930'EL.
FILL = 209 FT²
CUT = 30 FT²
Δ FILL = 179 FT²

950'EL.
940'EL
930'EL.
PLUG
8" IRR. LINE.
FILL A = 3.83 IN²
(3.86)
STA. 107+00
45.00
39 9
1½:1
1:1
PLUG
940'EL.
930'EL.
FILL = 384 FT²
CUT = 34 FT²
Δ FILL = 350 FT²

950'EL.
940'EL.
1:1
CUT A = .28 IN²
(.31)
Begin Gunite Ditch
See Plans & Detail
FILL A = 5.27 IN²
(5.03)
STA. 106+00
42.66 49.30
1½:1
1:1
950'EL
940'EL.
FILL = 512 FT²
CUT = 28 FT²
Δ FILL = 484 FT²

S. S. PROJECT NO. 132

CHICAGO AVE. EXTENSION NO. 2

CROSS SECTIONS
STA. 106+00 TO STA. 116+40

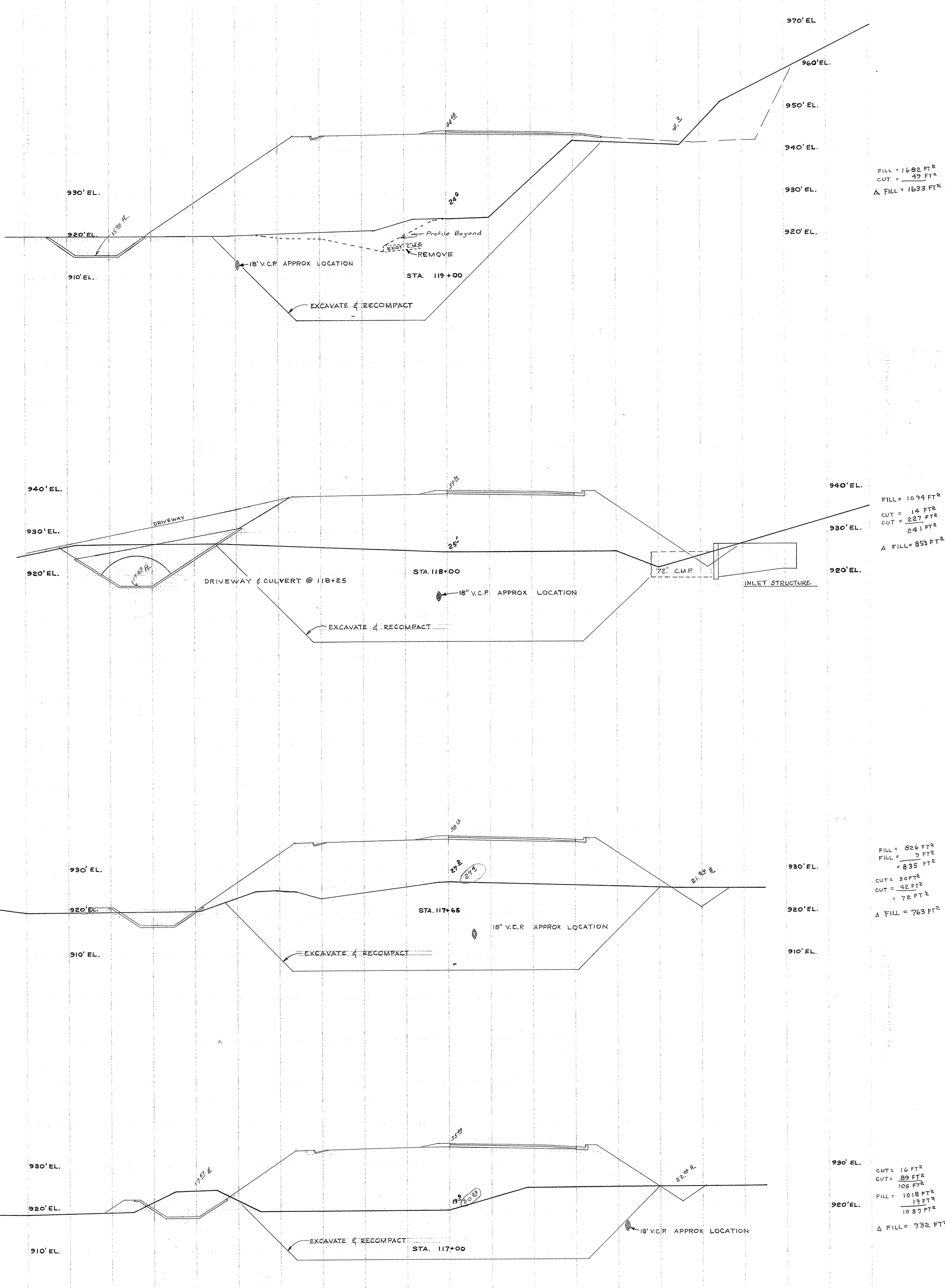
CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

SCALE: HOR. 1"=10'
VERT. 1"=10'
F.B. 697/17-19, R-6/45

DRW NO. 3069

R-915

SHEET 7X OF 11X



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S. S. PROJECT NO. 132

CHICAGO AVE. EXTENSION NO. 2

CROSS SECTIONS
STA. 117+00 TO STA. 119+00

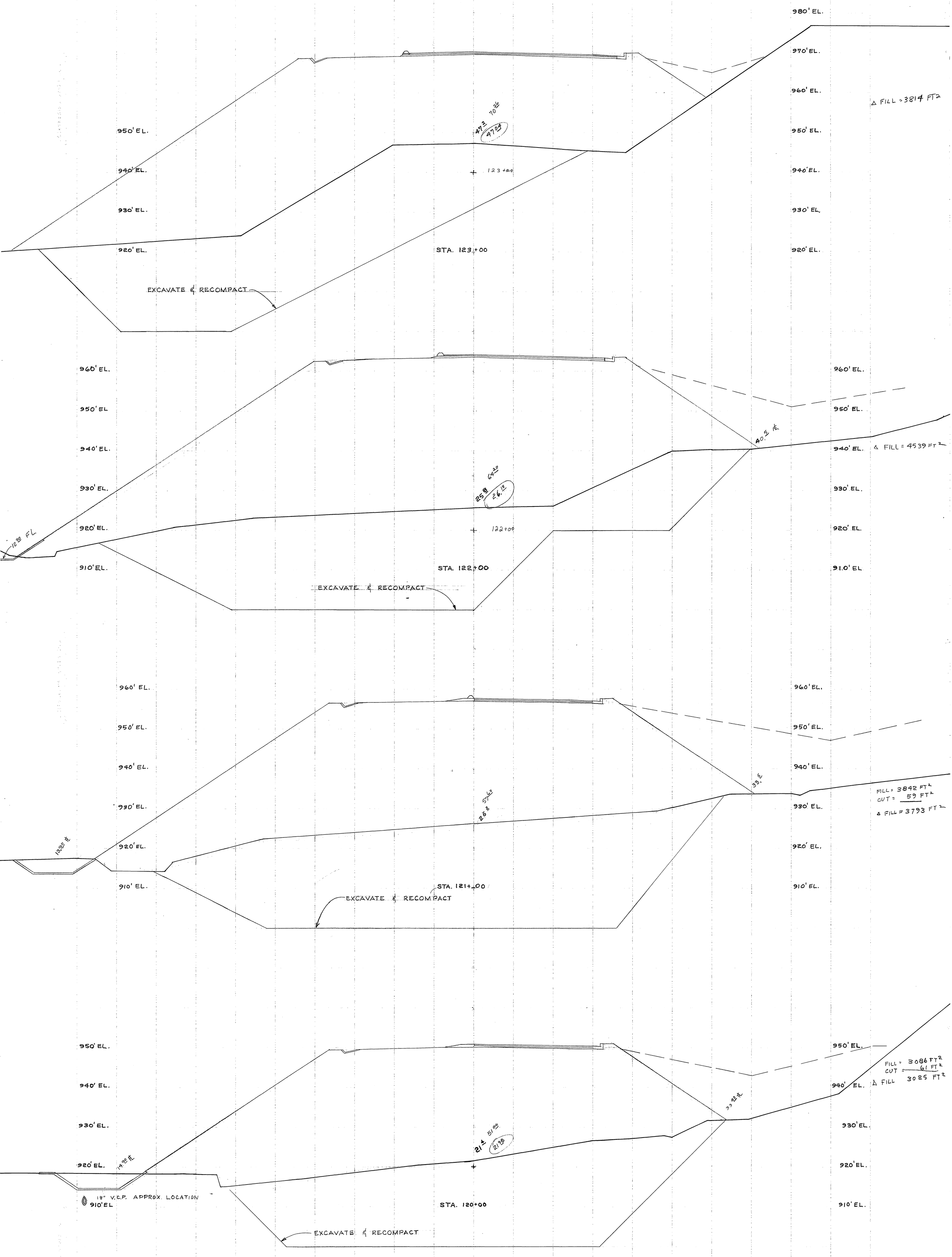
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

SCALE: HOR. 1" = 10'
VERT. 1" = 10'
F.B. 697/20 - 23, R-6/45 & 46

PROJECT NO. 3069

R-915

SHEET 8 X 11X



S.S. PROJECT NO. 132

CHICAGO AVE. EXTENSION NO. 2

CROSS SECTIONS
STA. 120+00 TO STA. 123+00

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

SCALE: HOR. 1" = 10'
1" = 10'

PROJ. NO. 3069

F.B. 697/20-23, R-6/45 & 46

R-915

SHEET 9X OF 11X

S. S. PROJECT NO. 132

CHICAGO AVE. EXTENSION NO. 2

CROSS SECTIONS
STA. 123+50.79 TO STA. 125+50

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

SCALE: HOR. 1"=10'
VERT. 1"=10'
F.B. 697/20-23, R-6/45 & 46

DWG. NO. 3069

R-915

10X-11X

STA. 2+68± JOIN EXISTING PAVEMENT

STA. 2+00

CUT A = .38 IN²
.36

STA. 1+50

CUT A = 1.08 IN²
1.09

990' EL.
980' EL.

STA. 1+00

CUT A = 3.07 IN²
3.03

STA. 0+58

CUT A = 5.50 IN²
5.46

Additional Sections of Le Conte Drive

STA. 130+00

STA 129+50
Join Exist. Pvmt.
END PROJECT

STA. 129+00

STA 128+28 ±
Join Exist. Curb & Gutter

PVMT .09 IN²

CUT A = .24 IN²

STA. 128+00

CUT A = 1.06 IN²

STA. 127+00

126+50

STA. 126+00

CUT A = 7.81 IN²
(CUT A = 5.58)

5.63
5.67
5.64

50' CONST. ℄

See additional Sections

Le Conte Ave →

Δ CUT = 107 FT²

Δ CUT = 565 FT²

S. S. PROJECT NO. 132

CHICAGO AVE. EXTENSION NO. 2

CROSS SECTIONS
STA. 126+00 TO STA. 130+00

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

SCALE: HOR. 1"= 10'
VERT. 1"= 10'

PROJECT 3069

F.B. 697/23-26

R-915

SHEET 11X OF 11X