CITY OF RIVERSIDE

CALIFORNIA

DEPARTMENT OF PUBLIC WORKS

CHICAGO AVENUE WIDENING

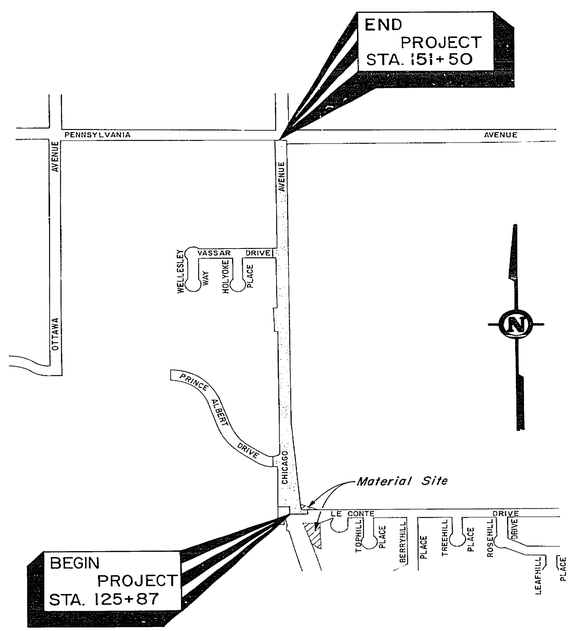
Le Conte Drive to Pennsylvania Avenue

SELECT SYSTEM PROJECT NO. 313

LENGTH OF PROJECT = 2563.00 Feet = 0.485 Mile

INDEX OF SHEETS

PROJECT NO.	DRAWING NO.	SHEET NO.	SHEET TITLE
3102	R-1152	1	Title Sheet
"	"	2	Typical Sections
"	"	3	Plan & Profile Sta. 125+00 to Sta. 128+00
"	"	4	" " " Sta. 128+00 to Sta. 133+00
"	"	5	" " " Sta. 133+00 to Sta. 138+00
"	"	6	" " " Sta. 138+00 to Sta. 143+00
"	"	7	" " " Sta. 143+00 to Sta. 148+00
"	"	8	" " " Sta. 148+00 to Sta. 152+00
"	"	9	Details
5106	S-675	1	Chicago Ave. Sewer Extension Between Vassar Dr. and Prince Albert Dr.
3102	R-1152	1X-12X	Cross Sections and Driveway Profiles (available separately)



PROJECT LOCATION MAP

400 200 0 400 800 1200 1600 2000

SCALE 1" = 400'

LEGEND

EXISTING	DESCRIPTION	PROPOSED
	Construct 0.35' A.C. over 0.60' Class 3 A.B.	A
	Trees and shrubs to be removed.	B
	Curve Data to be found on individual sheets.	C
	Curb Return Data to be found on individual sheets.	D
	Construct concrete sidewalk per C/R Std. Dwg. 350	
	Construct concrete D/W & D/W approach per C/R Std. Dwg. 302	
	Construct concrete curb & gutter per C/R Std. Dwg. 200	
	A.C. Overlay	
	Removal of A.C. pavement	
	Removal of concrete curb, gutter, D/W, & D/W approach	
	Slope easement	
	Building	
	Dirt or unpaved D/W	
	Light post	
	Wagon wheel	
AND	Water valve for lawn sprinkler system and water hydrant	
	Sprinkler head	
	Direction of flow	
	Edge of pavement	
	Concrete area	
	Curb and gutter	
	A.C. berm	
	Toe of slope	
	Top of slope	
	Water valve for City water system	
12"DUCT	Underground telephone conduit or duct	
SIG.	Traffic signal conduit	
6" S	Sanitary sewer	
4" CI. W	Water line	
2" M G	Gas line	
15" CONC D	Storm drain	
12" CONC IRR	Irrigation line	
IRR. BOX	Irrigation or wier box	
P.P.	Power Pole	
	Telephone or power pole	
	Guy anchor	
AND	Traffic signal control box and pullbox	
	Walk-wait signal control post	
S	Sanitary sewer manhole	
	Traffic sign	
	Street name sign	
	Mail box	
	Water meter	
	Fire hydrant	
	Irrigation stand pipe	
X X	Woven hog wire 5' high and 5 strands of barbed wire	
	Block wall	
B B	Rail fence	
	Hedge	
	Shrub or bush	
24	Deciduous tree and size in inches	
10	Evergreen tree and size in inches	
18	Palm tree and size in inches	
	Chain link fence per C/R Std. Dwg. 900	

—CAUTION—
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT:

	7:30 A.M. to 5 P.M.	After Hours & Holidays
Orange County	714-633-0811	714-547-6606
Riverside County	714-684-0271	714-547-6606
Inyo County	714-684-0271	714-547-6606
San Bernardino County	714-684-0271	714-547-6606
Los Angeles County	213-621-3111	24 HOUR SERVICE
Ventura County	213-621-3111	
San Diego County	714-298-0595	714-222-0027

FOR FREE CABLE LOCATING SERVICE

MARK	REVISIONS	APPR.	DATE

DESIGNED BY SJG DRAWN BY JPG CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

	BY	DATE
APPROVED BY OFFICE ENGINEER		10-9
PARK DEPARTMENT		9-11-66
TRAFFIC DIVISION		9-14-66
ASSISTANT CITY ENG.		10-4

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 10-4-66

CHICAGO AVENUE WIDENING
Le Conte Dr. to Pennsylvania Ave.

Title Sheet

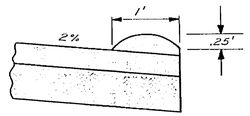
HORIZ. SCALE: 1" = 400'

PROJECT NO. 3102

R-1152

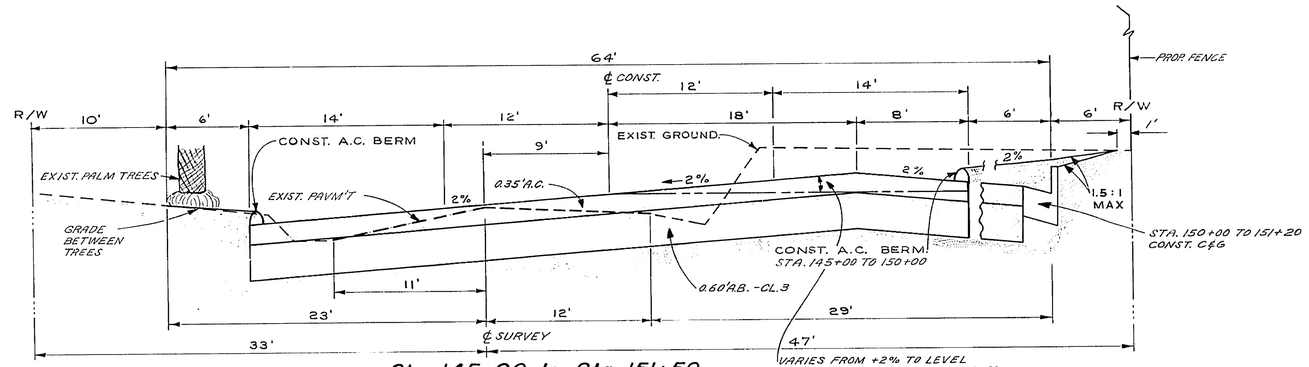
SHEET 1 OF 9

S.S. PROJECT NO. 313

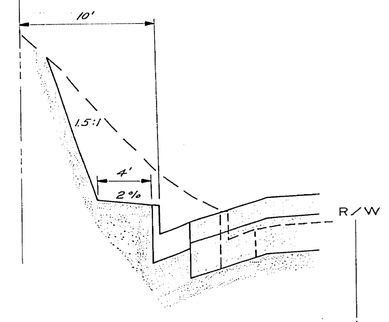


DETAIL OF A.C. ROLLED BERM

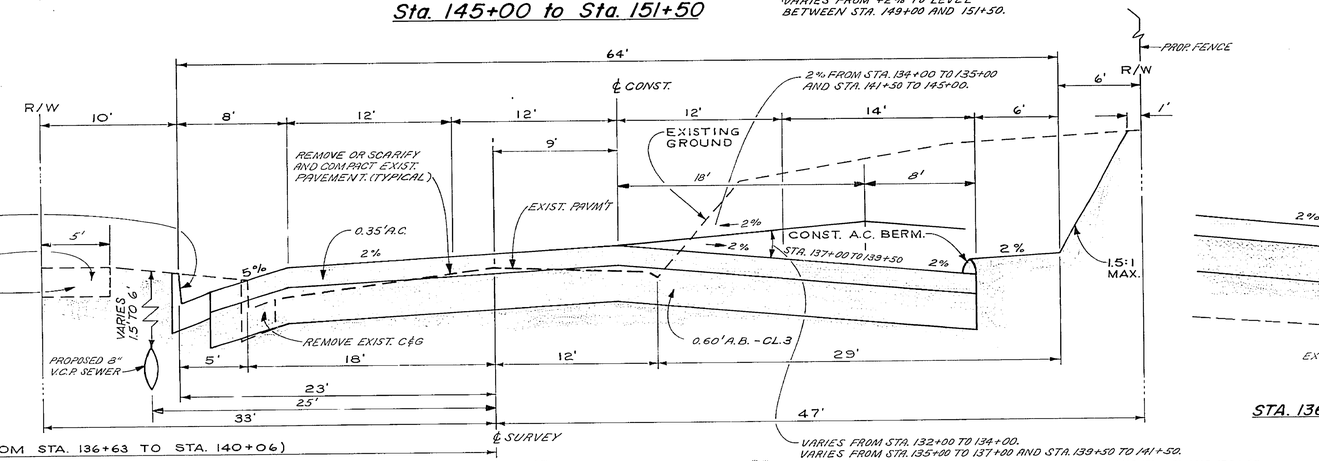
SCALE: HOR. 1" = 1'
VER. 1" = 1'



Sta. 145+00 to Sta. 151+50

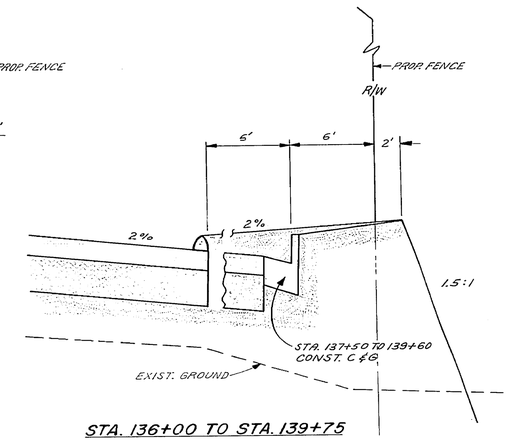


STA. 134+00 TO STA. 136+50

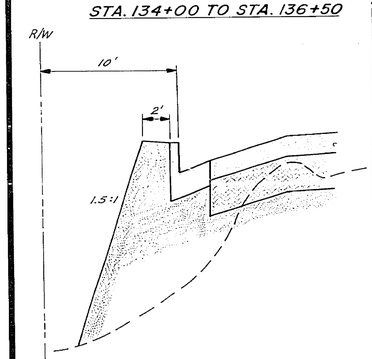


Sta. 132+00** to Sta. 145+00**

** FOR INCREASED ROADWAY WIDTH BETWEEN STATIONS 137+50 AND 139+60 SEE DETAIL AT RIGHT. FOR CUT AND FILL CONDITION SEE DETAILS LEFT.



STA. 136+00 TO STA. 139+75



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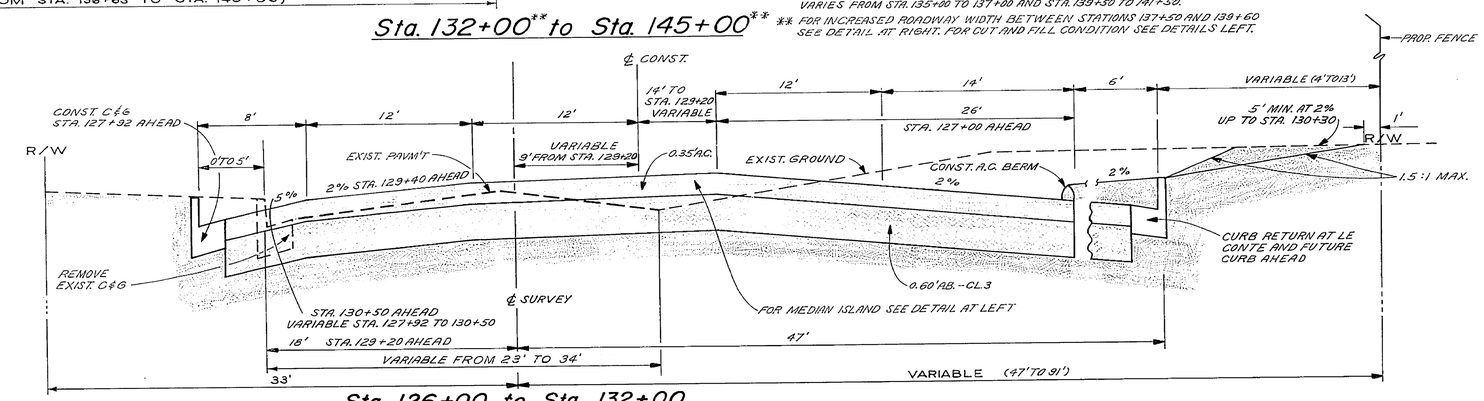
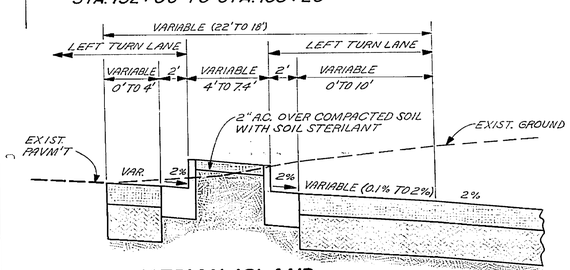


Sta. 126+00 to Sta. 132+00



MEDIAN ISLAND
STA. 126+27 TO 129+43

TYPICAL SECTIONS

SCALE: HORZ. 1" = 5'
VERT. 1" = 1'

"R" VALUE = 37
T.I. = 7

MARK	REVISIONS	APPR.	DATE

DESIGNED BY R.J.C. DRAWN BY J.P.G. CHECKED BY D.H.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER	J.P.G.	10-4
PARK DEPARTMENT		
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		10-4

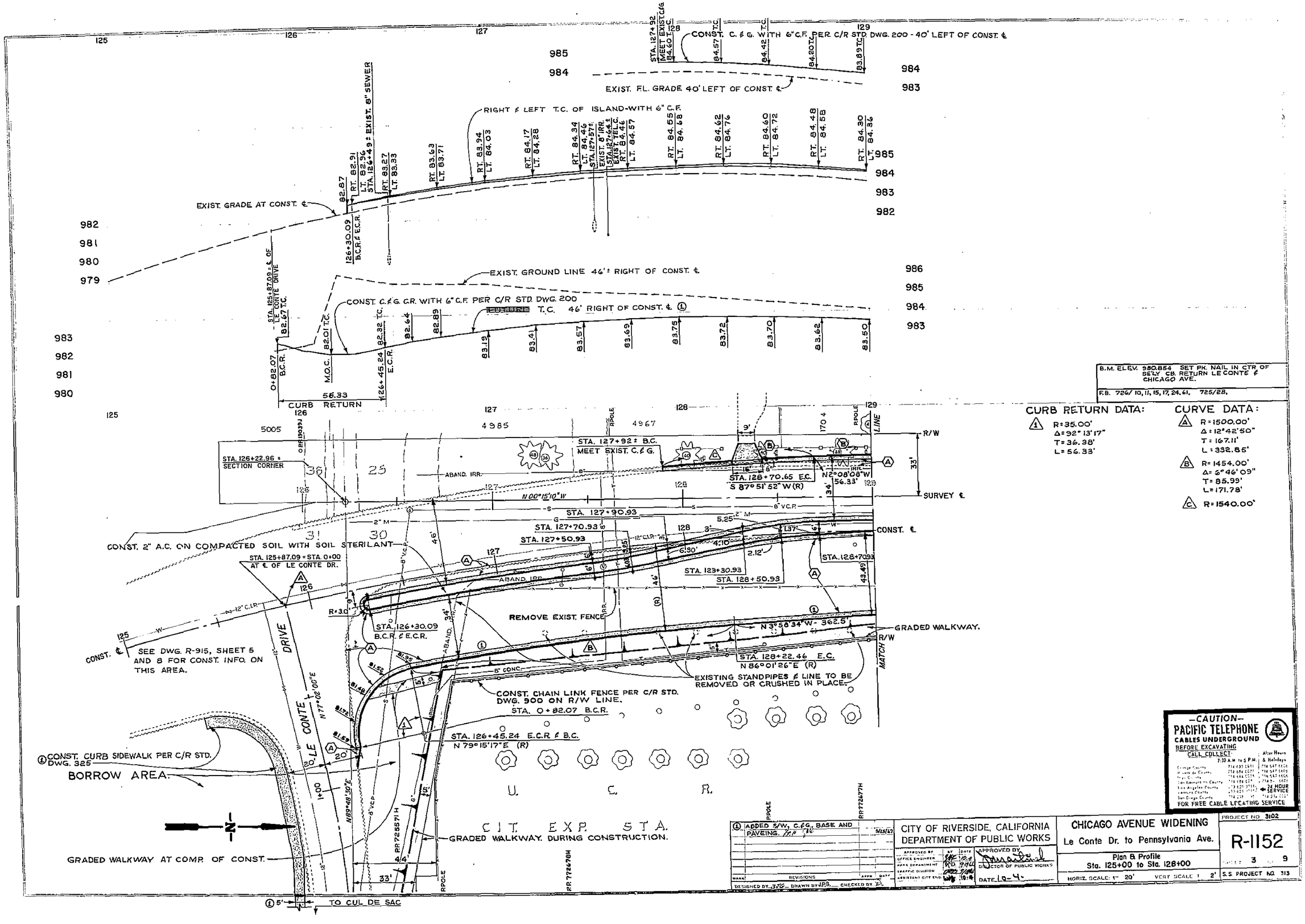
APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 10-4-66

CHICAGO AVENUE WIDENING
Le Conte Dr. to Pennsylvania Ave.

Typical Sections

SCALE AS SHOWN

PROJECT NO. 3102
R-1152
SHEET 2 OF 9
S.S. PROJECT NO. 313



B.M. ELEV. 980.854 SET PK. NAIL IN CTR OF SE'LY CB. RETURN LE CONTE & CHICAGO AVE.

F.B. 726/10, 11, 15, 17, 24, 61. 725/28.

CURB RETURN DATA:

(1) R=35.00'
Δ=92°13'17"
T=36.38'
L=56.33'

CURVE DATA:

(A) R=1500.00'
Δ=12°42'50"
T=167.11'
L=332.85'

(B) R=1454.00'
Δ=6°46'09"
T=85.99'
L=171.78'

(C) R=1540.00'

—CAUTION—
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT
7:30 A.M. to 5 P.M.
Orange County 714 633 0511
Riverside County 714 684 0077
San Bernardino County 714 684 0077
Los Angeles County 213 621 3711
Ventura County 213 621 3711
San Diego County 714 239 [illegible]
After Hours & Holidays
24 HOUR SERVICE
FOR FREE CABLE LOCATING SERVICE

(1) ADDED S/W, C.&G., BASE AND PAVEING. 5/15/67

MARK	REVISIONS	APPR	DATE

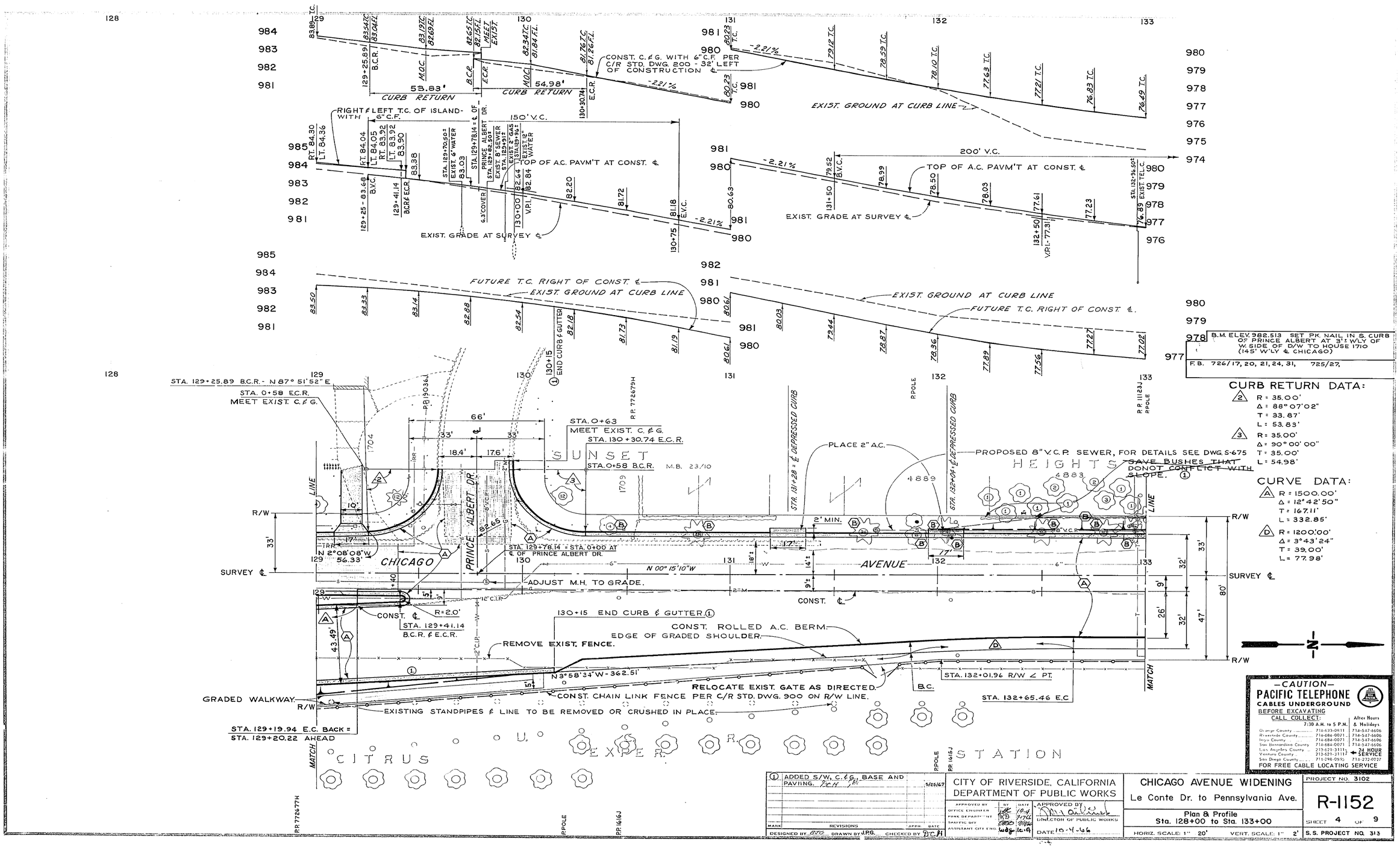
DESIGNED BY JTG DRAWN BY JPG CHECKED BY D

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: OFFICE ENGINEER, PARK DEPARTMENT, TRAFFIC DIVISION, ASSISTANT CITY ENG.
APPROVED BY: DIRECTOR OF PUBLIC WORKS
DATE 10-4-

CHICAGO AVENUE WIDENING
Le Conte Dr. to Pennsylvania Ave.
Plan & Profile
Sta. 125+00 to Sta. 128+00
HORIZ. SCALE: 1" 20' VERT. SCALE 1 2'

PROJECT NO. 3102
R-1152
SHEET 3 OF 9
S.S. PROJECT NO. 313



B.M. ELEV. 982.513 SET PK. NAIL IN S. CURB OF PRINCE ALBERT AT 3'± W'LY OF W. SIDE OF D/W TO HOUSE 1710 (145' W'LY ℄ CHICAGO)

F.B. 726/17, 20, 21, 24, 31, 725/27,

CURB RETURN DATA:

2 R = 35.00'
Δ = 88° 07' 02"
T = 33.87'
L = 53.83'

3 R = 35.00'
Δ = 90° 00' 00"
T = 35.00'
L = 54.98'

CURVE DATA:

A R = 1500.00'
Δ = 12° 42' 50"
T = 167.11'
L = 332.85'

D R = 1200.00'
Δ = 3° 43' 24"
T = 39.00'
L = 77.98'

—CAUTION—
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT:

	7:30 A.M. to 5 P.M.	After Hours & Holidays
Orange County	714-633-0811	714-547-6606
Riverside County	714-684-0071	714-547-6606
Inyo County	714-684-0071	714-547-6606
San Bernardino County	714-684-0071	714-547-6606
Los Angeles County	213-621-3111	← 24 HOUR SERVICE
Ventura County	213-621-3111	
San Diego County	714-298-0595	714-232-0027

FOR FREE CABLE LOCATING SERVICE

MARK	REVISIONS	APPR.	DATE
①	ADDED S/W, C.&G., BASE AND PAVING. DCH JBL		5/25/67

DESIGNED BY BTC DRAWN BY J.P.G. CHECKED BY DCH

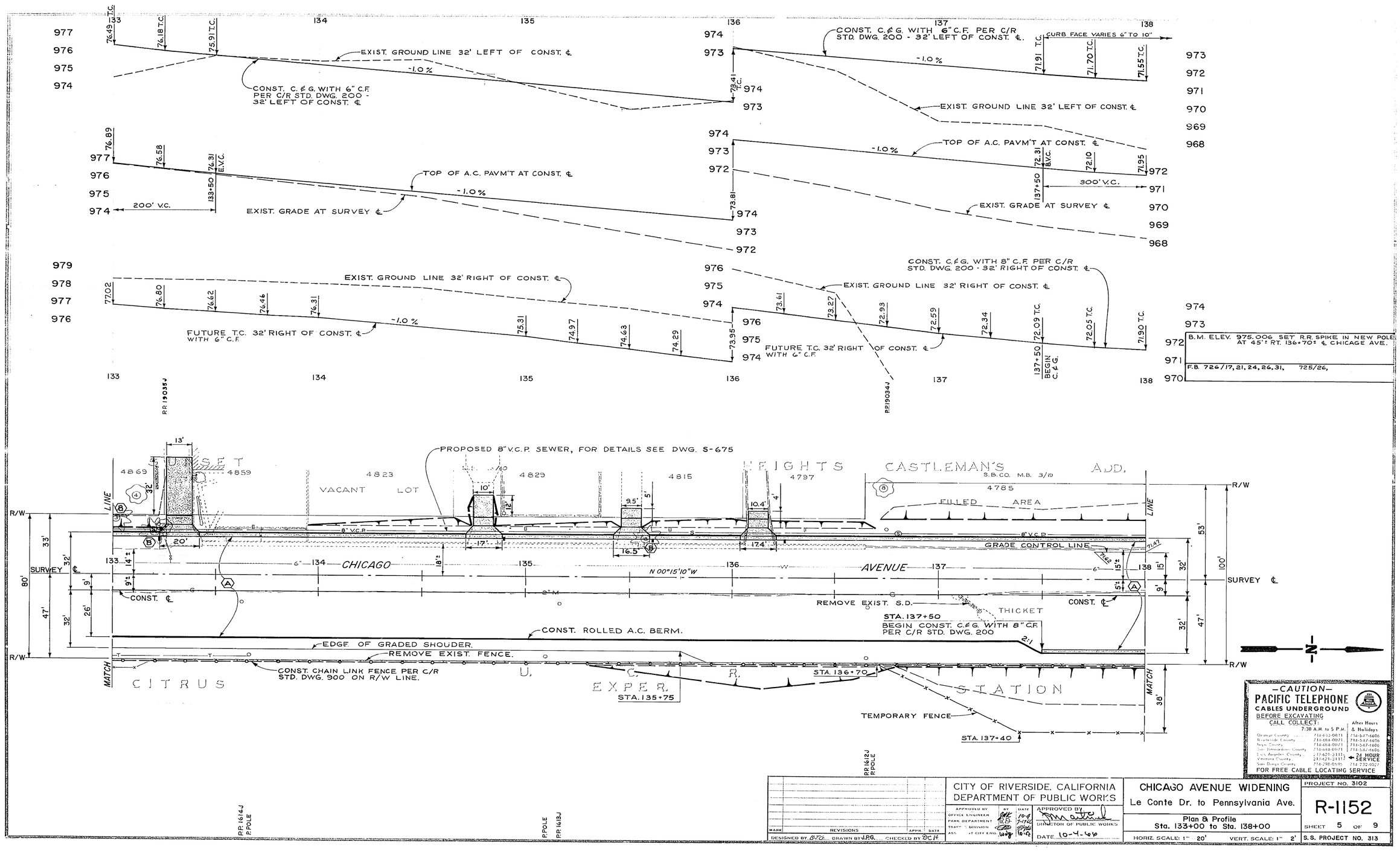
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER	JBL	10-4
PARK DEPARTMENT	RD	9-7-66
TRAFFIC DIV.	[illegible]	9/7/66
ASSISTANT CITY ENG.	wdg	10-4

APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 10-4-66

CHICAGO AVENUE WIDENING
Le Conte Dr. to Pennsylvania Ave.
Plan & Profile
Sta. 128+00 to Sta. 133+00
HORIZ. SCALE: 1" 20' VERT. SCALE: 1" 2'

PROJECT NO. 3102
R-1152
SHEET 4 OF 9
S.S. PROJECT NO. 313



-CAUTION-
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CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT:

	7:30 A.M. to 5 P.M.	After Hours & Holidays
Orange County	714-633-0811	714-547-6606
Riverside County	714-684-0071	714-547-6606
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San Bernardino County	714-684-0071	714-547-6606
Los Angeles County	213-621-3111	24 HOUR SERVICE
Ventura County	213-621-3111	
San Diego County	714-298-0595	714-232-0027

FOR FREE CABLE LOCATING SERVICE

MARK	REVISIONS	APPR.	DATE

DESIGNED BY BTC DRAWN BY J.P.G. CHECKED BY DCH

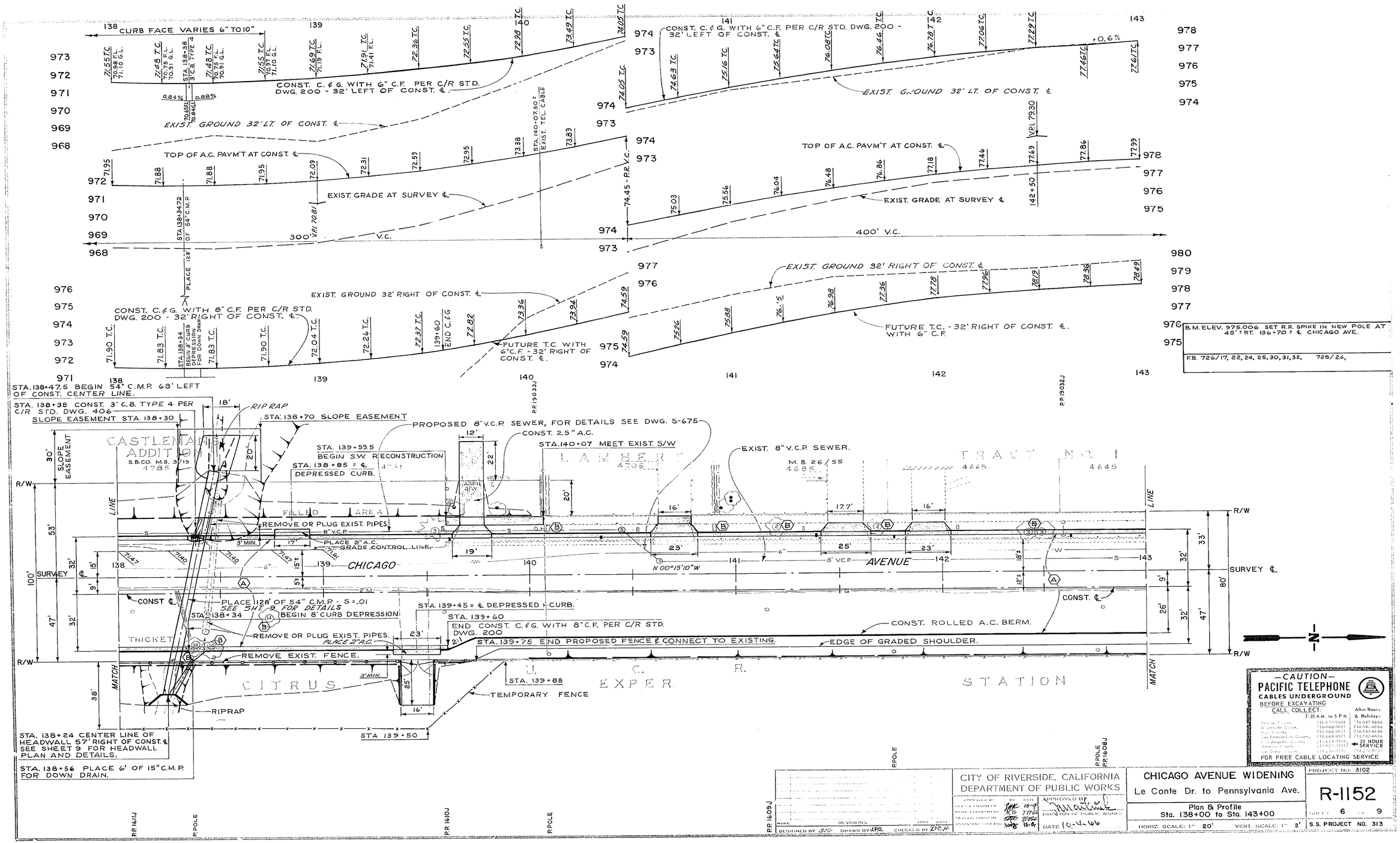
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY OFFICE ENGINEER, PARK DEPARTMENT, TRAFFIC DIVISION, ASS'T CITY ENG. — BY — DATE 10-4-66

APPROVED BY [signature] DIRECTOR OF PUBLIC WORKS
DATE 10-4-66

CHICAGO AVENUE WIDENING
Le Conte Dr. to Pennsylvania Ave.
Plan & Profile
Sta. 133+00 to Sta. 138+00
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

PROJECT NO. 3102
R-1152
SHEET 5 OF 9
S.S. PROJECT NO. 313



CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 10-4-66

CHICAGO AVENUE WIDENING
Le Conte Dr. to Pennsylvania Ave.

Plan & Profile
Sta. 138+00 to Sta. 143+00

HORIZ. SCALE: 1" 20' VERT. SCALE: 1" 2'

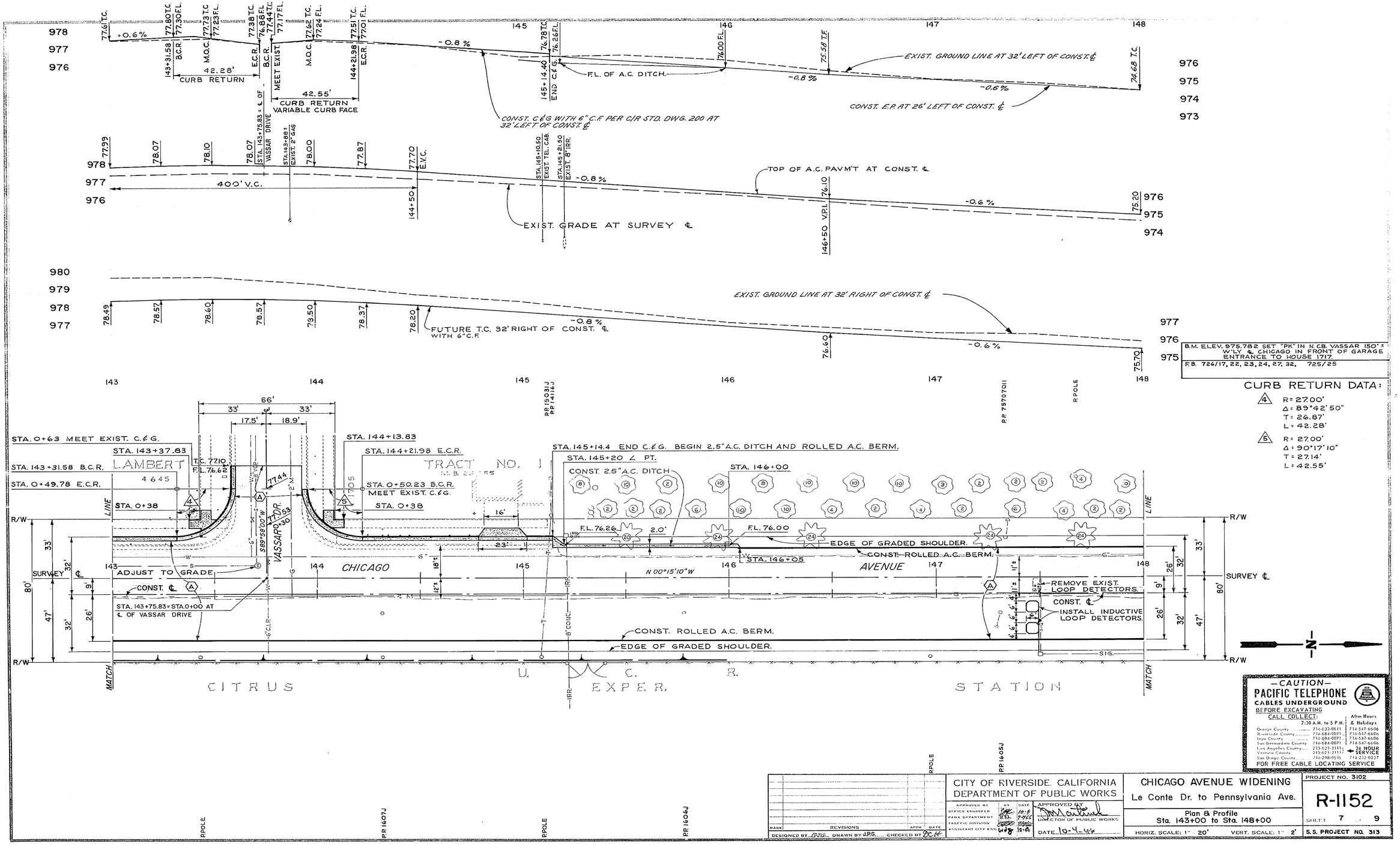
PROJECT NO. 3102

R-1152

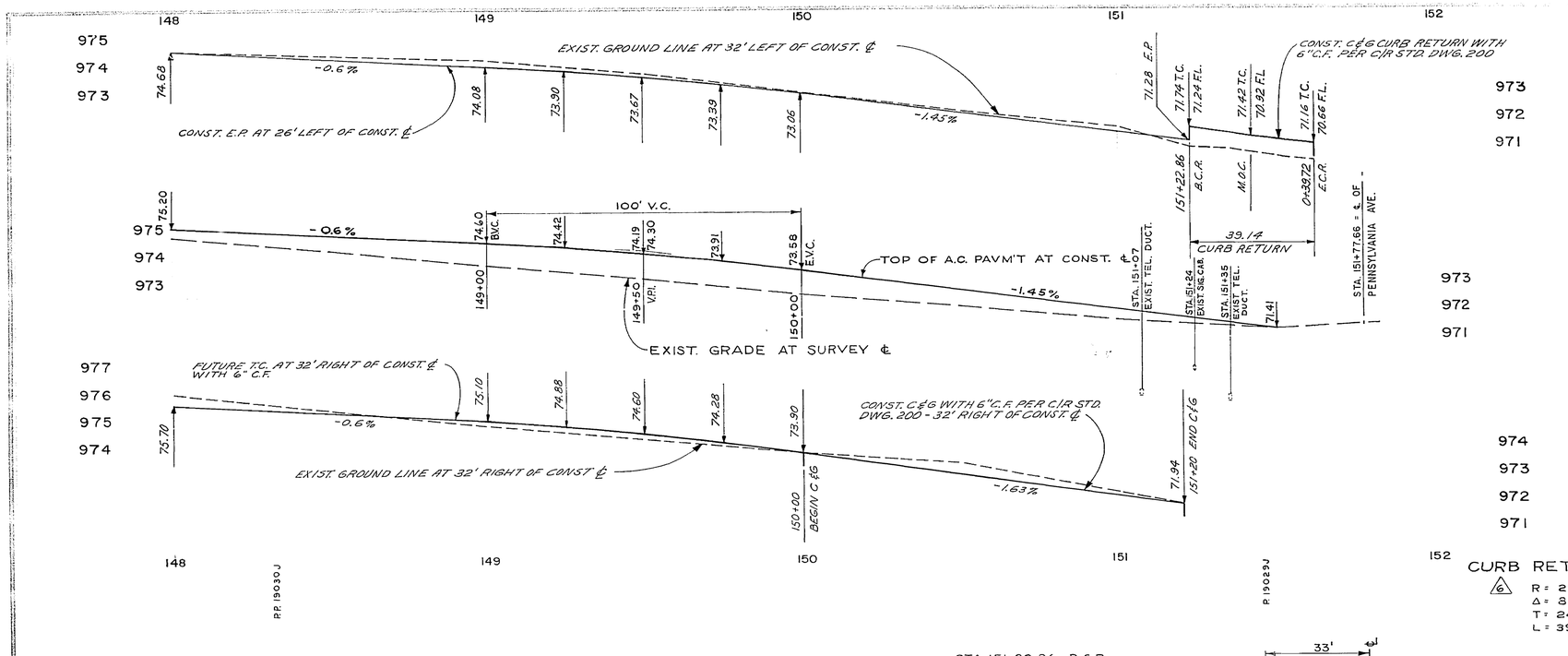
SHEET 6 OF 9

S.S. PROJECT NO. 313

DESIGNED BY SJC DRAWN BY J.P.G. CHECKED BY DCH



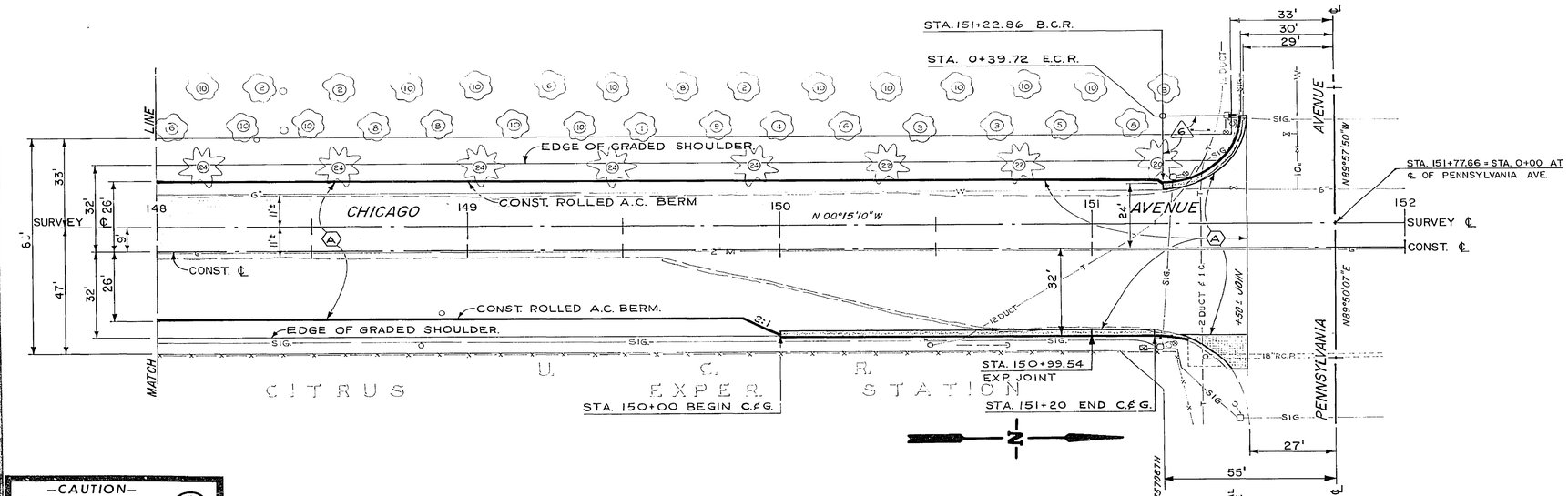
CURB RETURN
42.28'
42.55'
CURB RETURN VARIABLE CURB FACE
MEET EXIST.
CONST. C&G WITH 6" C.F. PER C/R STD. DWG. 200 AT 32' LEFT OF CONST. ℄
F.L. OF A.C. DITCH
EXIST. GROUND LINE AT 32' LEFT OF CONST. ℄
CONST. E.P. AT 26' LEFT OF CONST. ℄
400' V.C.
TOP OF A.C. PAVM'T AT CONST. ℄
EXIST. GRADE AT SURVEY ℄
EXIST. GROUND LINE AT 32' RIGHT OF CONST. ℄
FUTURE T.C. 32' RIGHT OF CONST. ℄ WITH 6" C.F.
STA. 0+63 MEET EXIST. C.&G.
STA. 143+37.83
STA. 143+31.58 B.C.R.
STA. 0+49.78 E.C.R.
LAMBERT
STA. 0+38
STA. 144+13.83
STA. 144+21.98 E.C.R.
STA. 0+50.23 B.C.R. MEET EXIST. C.&G.
TRACT NO. 1
STA. 145+14.4 END C.&G. BEGIN 2.5" A.C. DITCH AND ROLLED A.C. BERM.
STA. 145+20 ∠ PT.
CONST. 2.5" A.C. DITCH
STA. 146+00
STA. 146+05
EDGE OF GRADED SHOULDER.
CONST. ROLLED A.C. BERM.
ADJUST TO GRADE
CONST. ℄
STA. 143+75.83 = STA. 0+00 AT ℄ OF VASSAR DRIVE
CHICAGO AVENUE
N 00°15'10" W
REMOVE EXIST. LOOP DETECTORS.
INSTALL INDUCTIVE LOOP DETECTORS.
CITRUS EXPER. STATION
U. C. R.
MATCH LINE
R/W
SURVEY ℄
B.M. ELEV. 975.782 SET "PK" IN N.CB. VASSAR 150'± W'LY ℄ CHICAGO IN FRONT OF GARAGE ENTRANCE TO HOUSE 1717.
F.B. 726/17, 22, 23, 24, 27, 32, 725/25
CURB RETURN DATA:
4 R = 27.00' Δ = 89°42'50" T = 26.87' L = 42.28'
5 R = 27.00' Δ = 90°17'10" T = 27.14' L = 42.55'
-CAUTION-
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT:
7:30 A.M. to 5 P.M.
After Hours & Holidays
Orange County 714-633-0811 714-547-6606
Riverside County 714-684-0071 714-547-6606
Inyo County 714-684-0071 714-547-6606
San Bernardino County 714-684-0071 714-547-6606
Los Angeles County 213-621-3111
Ventura County 213-621-3111
24 HOUR SERVICE
San Diego County 714-298-0595 714-232-0027
FOR FREE CABLE LOCATING SERVICE
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
CHICAGO AVENUE WIDENING
Le Conte Dr. to Pennsylvania Ave.
Plan & Profile
Sta. 143+00 to Sta. 148+00
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'
PROJECT NO. 3102
R-1152
SHEET 7 OF 9
S.S. PROJECT NO. 313
DESIGNED BY GVG DRAWN BY J.P.G. CHECKED BY DCH
DIRECTOR OF PUBLIC WORKS
DATE 10-4-66



B.M. ELEV. 973.497' "RR" SPIKE IN COMB. POLE 757067H ON SE COR. OF CHICAGO AND PENN. AVE.
F.B. 726/17, 23, 24, 28, 29, 92,

CURB RETURN DATA:

6
R = 25.00'
Δ = 89°42'40"
T = 24.87'
L = 39.14'



-CAUTION-
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT:

	7:30 A.M. to 5 P.M.	After Hours & Holidays
Orange County	714-673-0831	714-547-6606
Riverside County	714-684-0071	714-547-6606
Inyo County	714-684-0071	714-547-6606
San Bernardino County	714-684-0071	714-547-6606
Los Angeles County	213-621-3111	← 24 HOUR SERVICE
Ventura County	213-621-3111	
San Diego County	714-298-0595	714-232-0027

FOR FREE CABLE LOCATING SERVICE

MARK	REVISIONS	APPR.	DATE

DESIGNED BY SVG DRAWN BY J.P.G. CHECKED BY DCK

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER		10-6
PARK DEPARTMENT		10-6
TRAFFIC DIVISION		10-6
ASSISTANT CITY ENGINEER		10-6

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 10-4-66

CHICAGO AVENUE WIDENING
Le Conte Dr. to Pennsylvania Ave.

Plan & Profile
Sta. 148+00 to Sta. 152+00

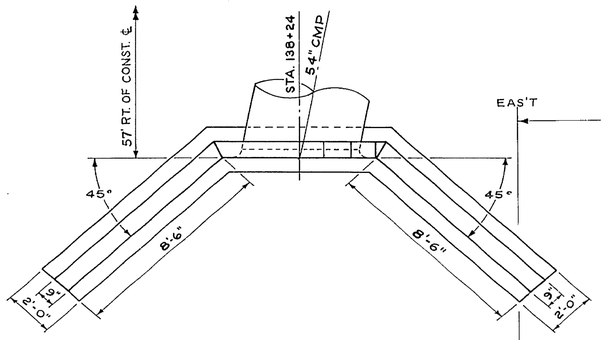
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 2'

PROJECT NO. 3102

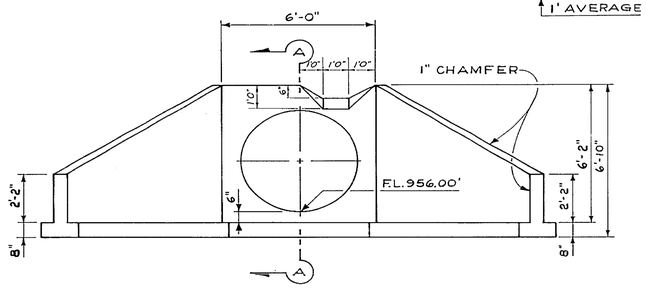
R-1152

SHEET 8 OF 9

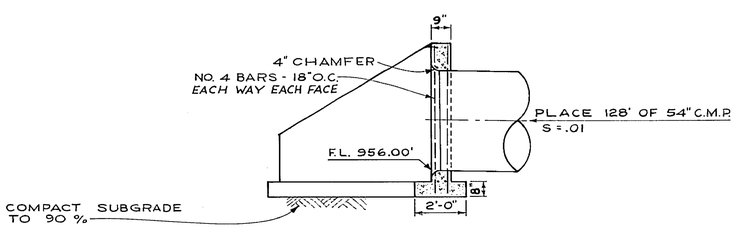
S.S. PROJECT NO. 313



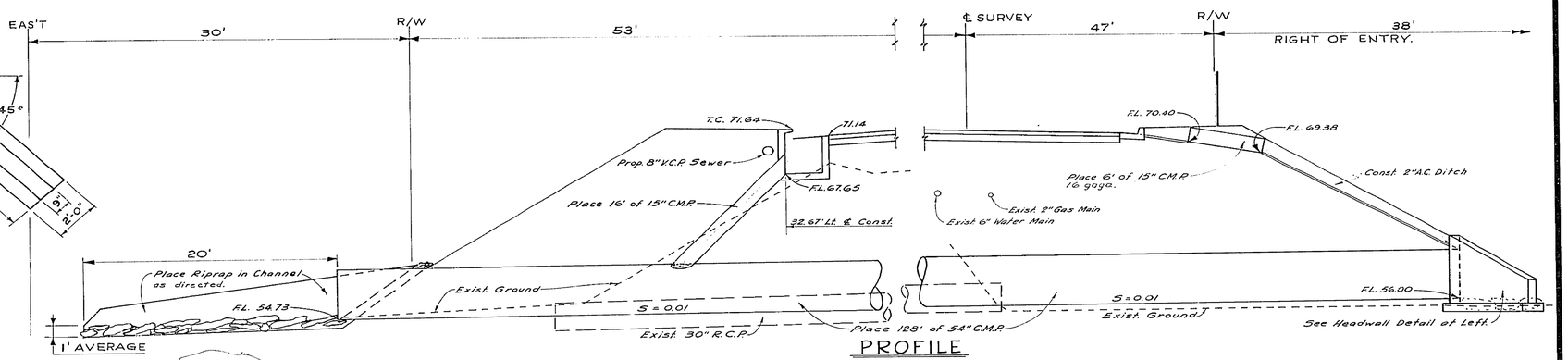
HEADWALL PLAN
SCALE: 3/8" = 1'-0"



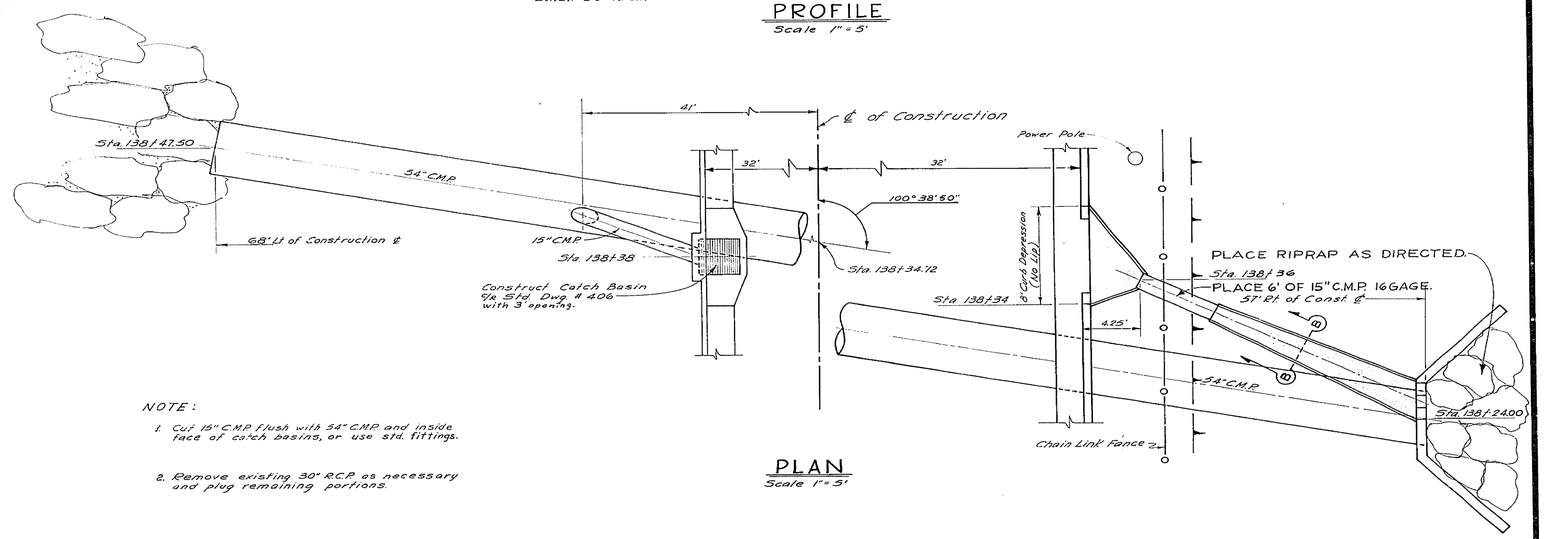
FRONT ELEVATION
SCALE: 3/8" = 1'-0"



SECTION A-A
SCALE: 3/8" = 1'-0"



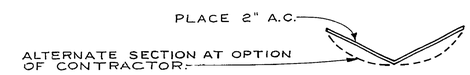
PROFILE
Scale 1" = 5'



PLAN
Scale 1" = 5'

NOTE:

1. Cut 15" C.M.P. flush with 54" C.M.P. and inside face of catch basins, or use std. fittings.
2. Remove existing 30" R.C.P. as necessary and plug remaining portions.



SECTION B-B
NO SCALE

MARK	REVISIONS	APPR.	DATE

DESIGNED BY KVC DRAWN BY JRG-JC CHECKED BY DCH

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER	JHK	10-4
PARK DEPARTMENT		
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		

APPROVED BY: [signature]
DIRECTOR OF PUBLIC WORKS
DATE 10-4-69

CHICAGO AVENUE WIDENING
Le Conte Dr. to Pennsylvania Ave.

Details

SCALE AS SHOWN

PROJECT NO. 3102
R-1152
SHEET 9 OF 9
S.S. PROJECT NO. 313