RIVERSIDE CALIFORNIA

CITY OF RIVERSIDE

PUBLIC WORKS DEPARTMENT

CHICAGO AVE. RECONSTRUCTION

THIRD ST. TO MARLBOROUGH AVE.

LENGTH OF PROJECT = 5298 FEET = 1 MILE

CONSTRUCTION LEGEND

CENTER LINE — ℄ —
RIGHT-OF-WAY LINE — R/W —
SUBDIVISION LOT LINE — ℄ —
TOP OF SLOPE
TOE OF SLOPE
DIRECTION OF FLOW

SECTION | PLAN

- (200) CONST. CURB AND GUTTER PER STD. DWG. 200. CURB FACE TO BE 6".
- (200 E) FUTURE 6" CURB AND GUTTER.
- (302) CONST. DRIVEWAY APPROACH PER STD. DWG. 302 DIMENSIONS AS SHOWN ON THE PLAN. FINAL LOCATION TO BE DETERMINED IN THE FIELD. (BY THE TRAFFIC ENGINEER.)
- (250) CONST. ASPHALT CONCRETE BERM PER STD. DWG 250
- (F 405) CONST. CATCH BASIN PER STD. DWG. 405 "V" AND "W" TO BE DETERMINED AT TIME OF DEVELOPMENT.
- (1) OVERLAY EXISTING PAVEMENT WITH VARIABLE THICKNESS OF ASPHALT CONCRETE.
- (2 0.4') PLACE ASPHALT CONCRETE SECTION. DEPTH AS SHOWN ON THE SYMBOL.
- (3) PAVE WITH 0.2' ASPHALT CONCRETE.
- (4) REPLACE OR REGRADE DRIVEWAY TO GRADES AS DIRECTED BY THE ENGINEER. MATERIAL AS SHOWN ON THE PLAN. AC TO BE 0.20' THICK.
- (5) GRADE AND COMPACT SHOULDER, AS SHOWN ON PLANS.
- (6) CONST. 1.5' HIGH DIRT BERM.
- (7) CLEAR AND GRUB WALKWAY.
- (T) TRANSPLANT TREE TO LOCATION SHOWN ON PLAN. SIZE OF TREE SHOWN AT EACH LOCATION.
- (R I) REMOVE EXIST. TREE. "I" INDICATES TREE DIAMETER OF 6" TO 18". "II" INDICATES TREE DIAMETER OF OVER 18" TO 36". "III" INDICATES DIAMETER OF ABOVE 36". DIAMETERS LESS THAN 6", PART OF CLEARING AND GRUBBING.

GENERAL CONSTRUCTION NOTES

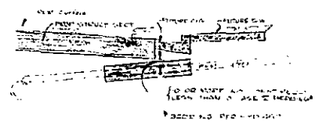
1. CLEAR AND GRUB WHERE NEW CONSTRUCTION IS INDICATED. TREES SHALL REMAIN EXCEPT WHERE SHOWN ON PLAN AS REMOVE OR TRANSPLANT.
2. REMOVE ALL A.C. PAVEMENT TO LIMITS OF CONSTRUCTION EXCEPT WHERE OVERLAY OF EXIST. PAVEMENT IS SHOWN ON PLAN
3. TRANSITION NEW CONSTRUCTION TO MEET EXISTING AS DIRECTED BY THE ENGINEER.
4. SIDE STREETS ARE ASSUMED TO INTERSECT THE CONST. ℄ AT RIGHT ANGLES FOR CURB RETURN CALCULATIONS.
5. STORM DRAIN PIPES SHALL BE INSTALLED PER STD DWG. 452, CASE I UNLESS OTHERWISE SPECIFIED.
6. EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM AVAILABLE UTILITY RECORDS. LOCATIONS AND DEPTHS ARE APPROXIMATE. THE CONTRACTOR IS REQUESTED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UNDERGROUND FACILITIES.
7. SEWER LATERALS WITHIN 10' OF THE PROPOSED STRUCTURAL SECTION SHALL BE LOWERED AND/OR ENCASED PER ALTERNATES AND NOTES BELOW.

CONFLICTING SEWER LATERALS

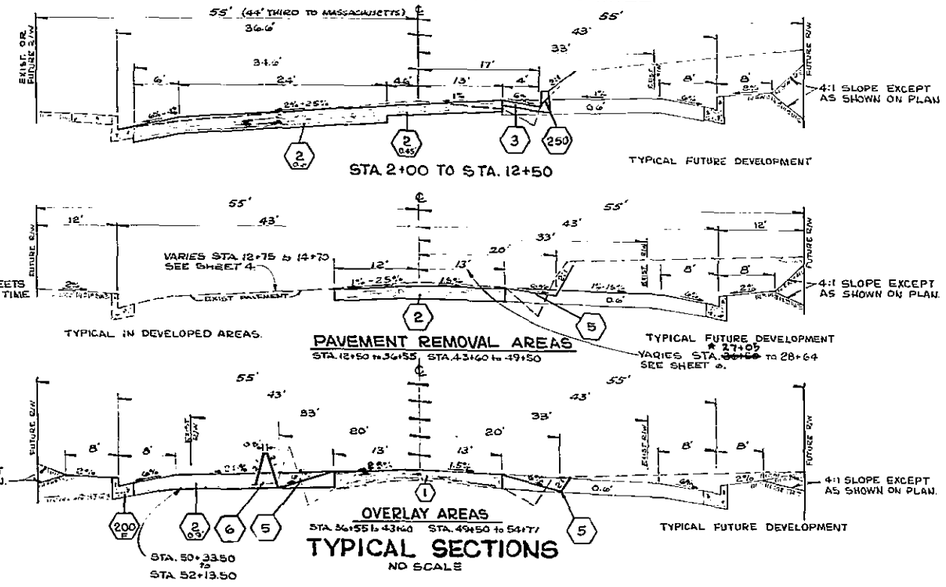
NOTES:

1. EXACT LIMITS OF LOWERING AND/OR ENCASING SHALL BE DETERMINED BY THE INSPECTOR AT TIME OF CONSTRUCTION
2. THE CONTRACTOR SHALL EXPOSE EXIST. LATERALS AND OTHER UTILITIES AS NECESSARY FOR THE INSPECTOR TO DETERMINE THE LIMITS AND GRADE OF LOWERING AND/OR ENCASEMENT.

ALTERNATE 1. - LOWER LATERAL

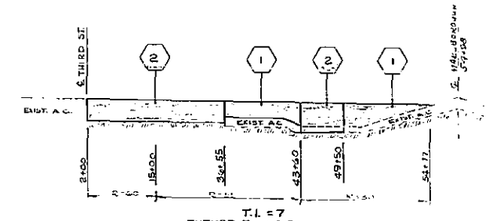


ALTERNATE 2. - ENCASE EXIST. LATERAL



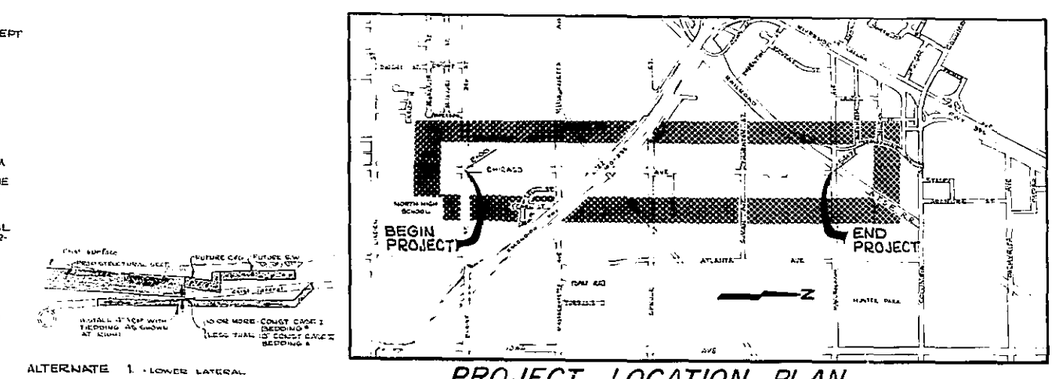
TYPICAL SECTIONS

NO SCALE



T.I. = 7
FUTURE T.I. = 8.5

STUCTURAL SECTION SCHEDULE
AT CENTER LINE



PROJECT LOCATION PLAN

0 1000 2000 3000 4000 5000 4000 FEET

SCALE 1" = 1000'

EXISTING CULTURE & UNDERGROUND LEGEND

EXISTING UNDERGROUND UTILITIES

SANITARY SEWER — WATER LINE — STORM DRAIN — CULVERT — IRRIGATION LINE — GAS LINE — TELEPHONE — ELECTRIC — CONDUIT — SIGN — LINE & SIGN

EXISTING TOPOGRAPHY

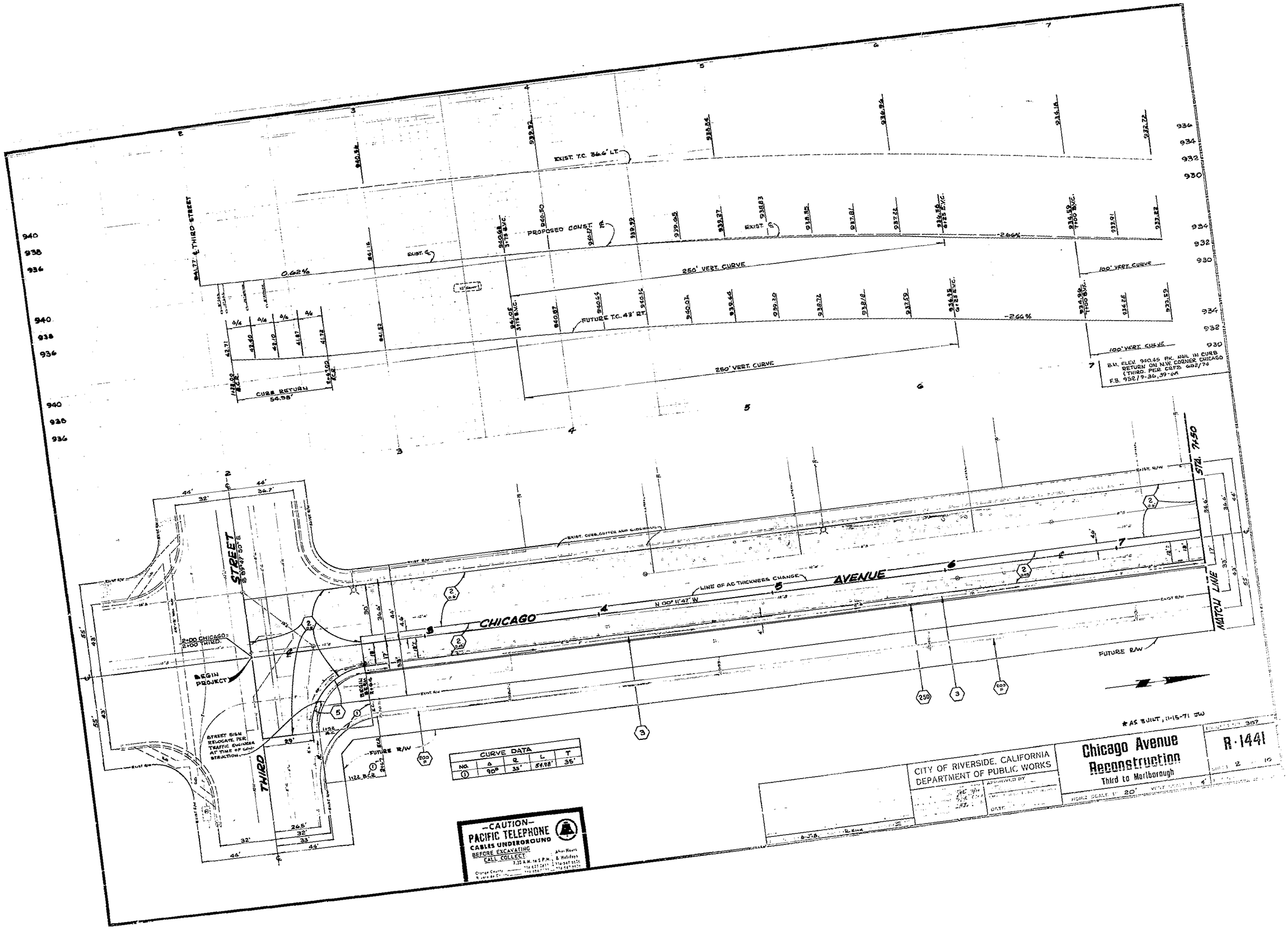
BLOCK WALL — BOARD FENCE — WIRE FENCE — CHAIN LINK FENCE — DIRECTION OF FLOW

SANITARY SEWER MH — SANITARY SEWER CLEANOUT — STORM DRAIN MH — IRRIGATION VALVE — WATER MH — GAS MH — ELECTRIC MH — TELEPHONE MH OR VAULT — POWER POLE — GUY POLE — POLE FOR LIGHTING — PULL BOX — TRAFFIC SIGN — PARKING METER — STREET NAME — WATER METER — FIRE HYDRANT — SPRINKLER HEAD — VALVE — HYDRANT OR FAUCET — GAS METER — MAIL BOX — PEDESTRIAN CONTROL FOR TRAFFIC SIGNAL — HANDICAP RAMP — TREE SIGN — STREET LIGHT — TRAFFIC SIGNAL — TRAFFIC SIGNAL W/ MAST ARM — TRAFFIC SIGNAL W/ PEDESTRIAN — TRAFFIC SIGNAL — CONCRETE — ASPHALT — EDGE OF PAVEMENT — BUILDING — UNDERGROUND OR OVERHANGING STRUCTURE — TREE SHRUB DIAMETER IN INCHES — PALM TREE DIAMETER IN INCHES — SIGN — TREE STUMP

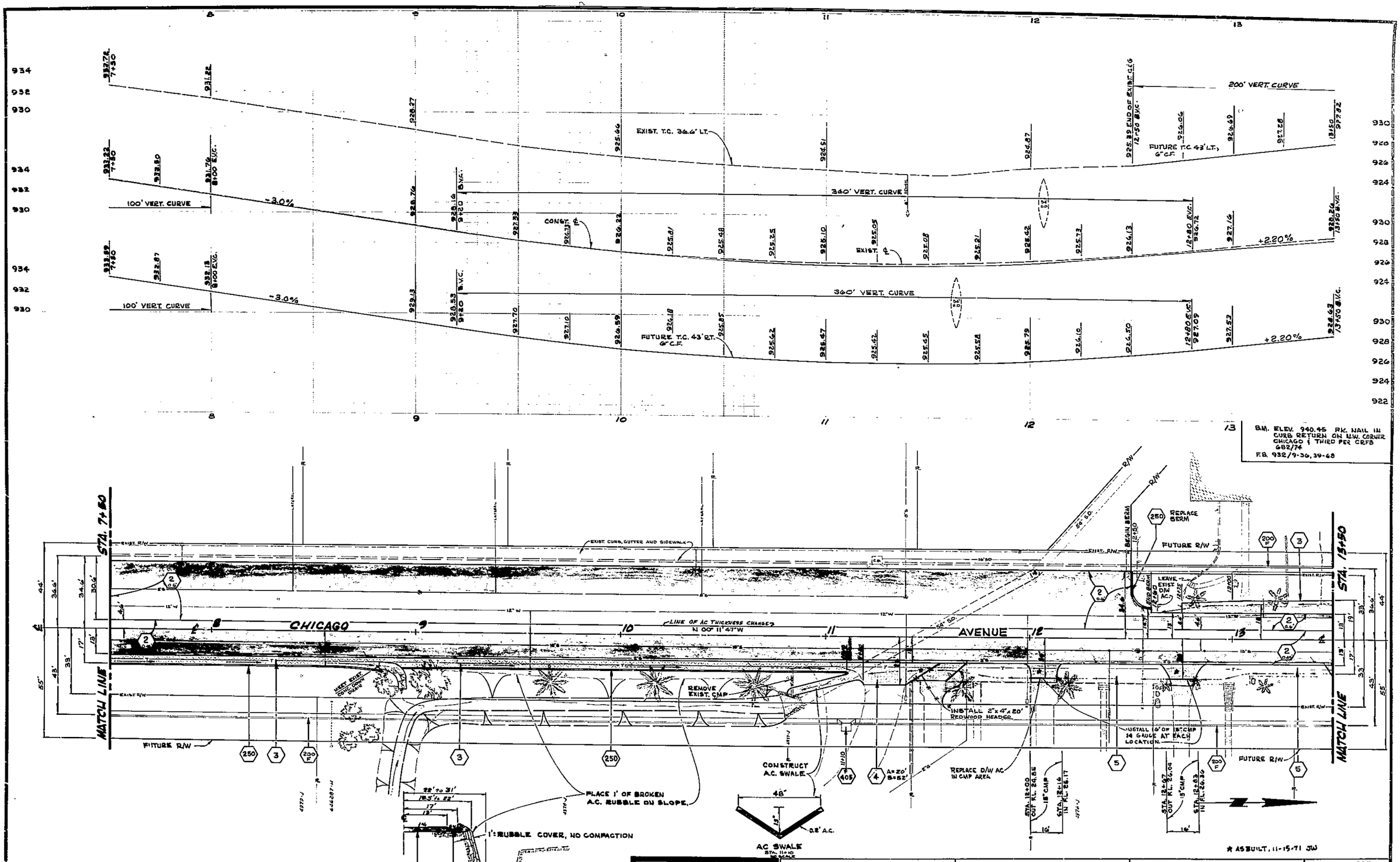
★ AS BUILT - 11-15-71 JWJ

Chicago Avenue Reconstruction THIRD TO MARLBOROUGH		
APPROVED BY — BY — DATE	APPROVED BY	ACCOUNT NO. 3A7
PUBLIC WORKS ENGINEER		DRAWING NUMBER
PARK DEPARTMENT		R-1441
TRAFFIC DIVISION	DIRECTOR OF PUBLIC WORKS	
CHIEF PLAN CHECKER	DATE	SHEET 1 OF 1

DESIGNED BY S.J.G. DRAWN BY R.K. CHECKED BY



EXIST. T.C. 36.6' LT.
PROPOSED CONST. ℄
EXIST. ℄
0.62%
250' VERT. CURVE
-2.66%
100' VERT. CURVE
FUTURE T.C. 43' RT.
CURB RETURN 54.98'
B.M. ELEV. 940.45 P.K. NAIL IN CURB RETURN ON N.W. CORNER CHICAGO (THIRD. PER CRFB 682/74
F.B. 952/9-36,39-64
STA. 7+50
MATCH LINE
CHICAGO AVENUE
N 00° 11' 47" W
LINE OF AC THICKNESS CHANGE
THIRD STREET
S 89° 47' 50" E
BEGIN PROJECT
2+00 CHICAGO = 2+00 THIRD.
STREET SIGN RELOCATE PER TRAFFIC ENGINEER AT TIME OF CONSTRUCTION
FUTURE R/W
EXIST. CURB, GUTTER AND SIDEWALK
CURVE DATA
NO. Δ R L T
① 90° 35' 54.98' 35'
-CAUTION-
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT
7:30 A.M. to 5 P.M.
After Hours & Holidays
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY
DATE
Chicago Avenue Reconstruction
Third to Marlborough
HORIZ. SCALE 1" = 20'
R-1441
SHEET 2 OF 10
* AS BUILT, 11-15-71 JW



-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

MARK | REVISIONS | APPR | DATE

DESIGNED BY S.J.S. DRAWN BY R. Kim CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY | BY | DATE
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
CHIEF P.W. ENGR.

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 7-16-71

Chicago Avenue Reconstruction
Third to Marlborough

HORIZ. SCALE: 1" - 20' VERT. SCALE: 1" - 4'

PROJECT NO. 387
R-1441
SHEET 3 OF 10
FILE NO.

200' VERT. CURVE

FUTURE T.C. 36.6' L.T. 6" C.F.

NOT TO SCALE CURB RETURN 54.98'

EXIST. T.C. 43' L.T.

FUTURE T.C. 43' L.T. 6" C.F.

-2.72%

PROPOSED CONST.

500' VERT. CURVE

-2.26%

FUTURE T.C. 43' R.T. 6" C.F.

★ 3+89

★ 3+54

★ 3+00 - MEET EXIST

TYPICAL SECTION
STA. 12+75 TO 14+70 CHICAGO

0.2' A.C.

CURVE DATA

NO.	Δ	R	L	T
1	90°	35'	54.98'	35'
2	3° 39' 34"	1500'	95.85'	47.92'

CULLIGAN
2801

2929

STREET

CHICAGO AVENUE

MASSACHUSETTS

BAGWELL TRACT

EXISTING PAVEMENT TO REMAIN
FOG SEAL

N 00° 11' 47" W

FUTURE R/W

EXIST. R/W

STA. 13+50

STA. 19+50

MATCH LINE

INSTALL 2"x4"x8' REDWOOD HEADER BOTH SIDES OF D/W.

GRADE SHOULDER TO DRAIN

GRADE TO EXIST. WALL

REMOVE STEPS

★ AS BUILT, 11-15-71 JW

B.M. ELEV. 940.45 PK NAIL IN CURB RETURN ON N.W. CORNER CHICAGO & THIRD PER CORB 682/74
F.B. 932/9-36, 39-63

-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 | 714-547-6608
Riverside County 714-684-0071 | 714-547-6606

REVISIONS

DESIGNED BY S.T.G. DRAWN BY R.KWA CHECKED BY JS

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY PRINCIPAL ENGINEER RLC 7/1/8
PARK DEPARTMENT 7/11/71
TRAFFIC DIVISION 7-14-71
CHIEF P. W. ENGR.
APPROVED BY DIRECTOR OF PUBLIC WORKS
DATE 7-16-71

Chicago Avenue Reconstruction
Third to Marlborough

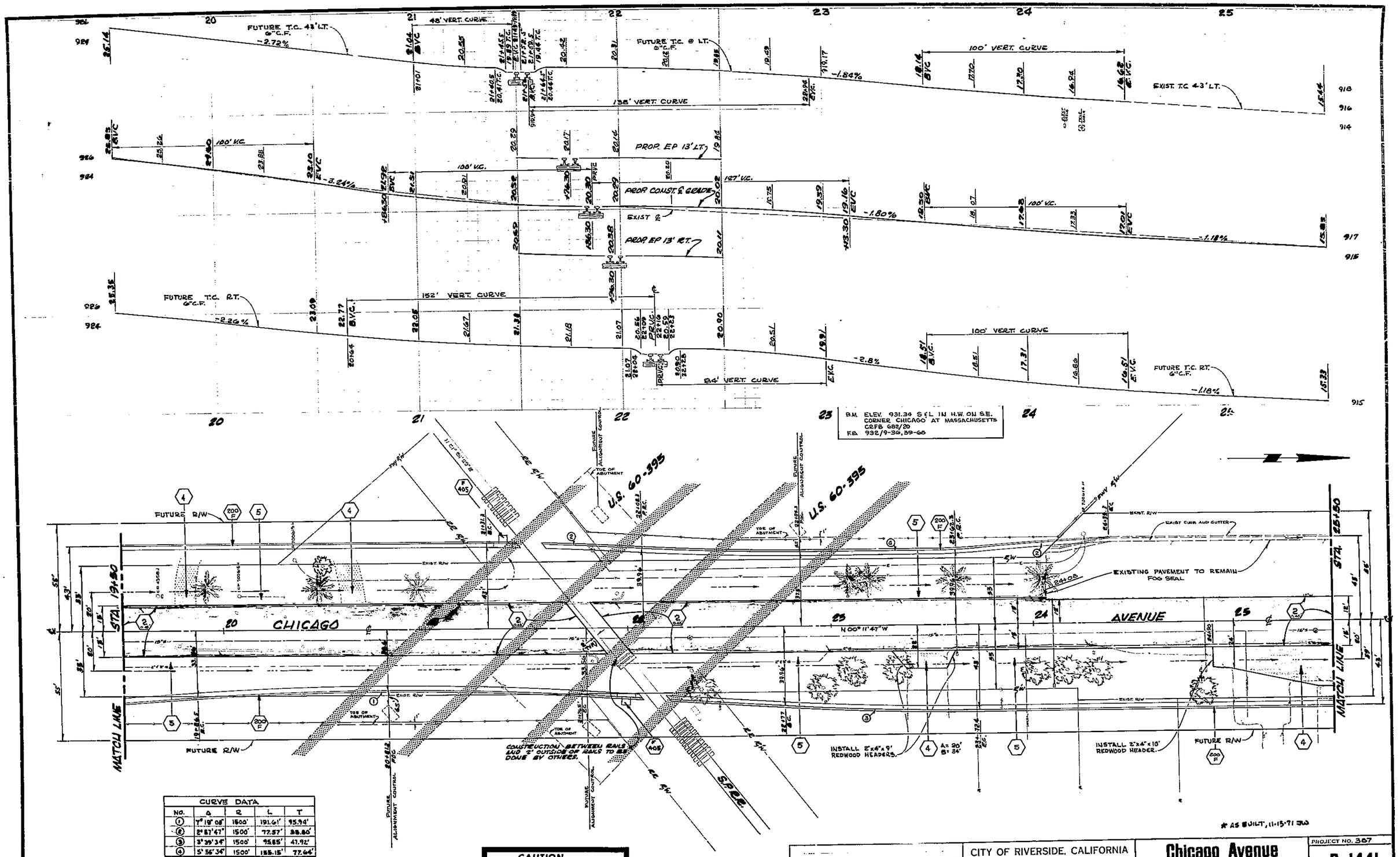
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

PROJECT NO. 387

R-1441

SHEET 4 OF 10

FILE NO.



CURVE DATA				
NO.	Δ	R	L	T
1	7° 19' 08"	1500'	191.61'	95.94'
2	2° 57' 47"	1500'	77.57'	38.80'
3	3° 39' 34"	1500'	95.85'	47.92'
4	5° 56' 34"	1500'	155.15'	77.64'

* AS BUILT, 11-15-71 JW

-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

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

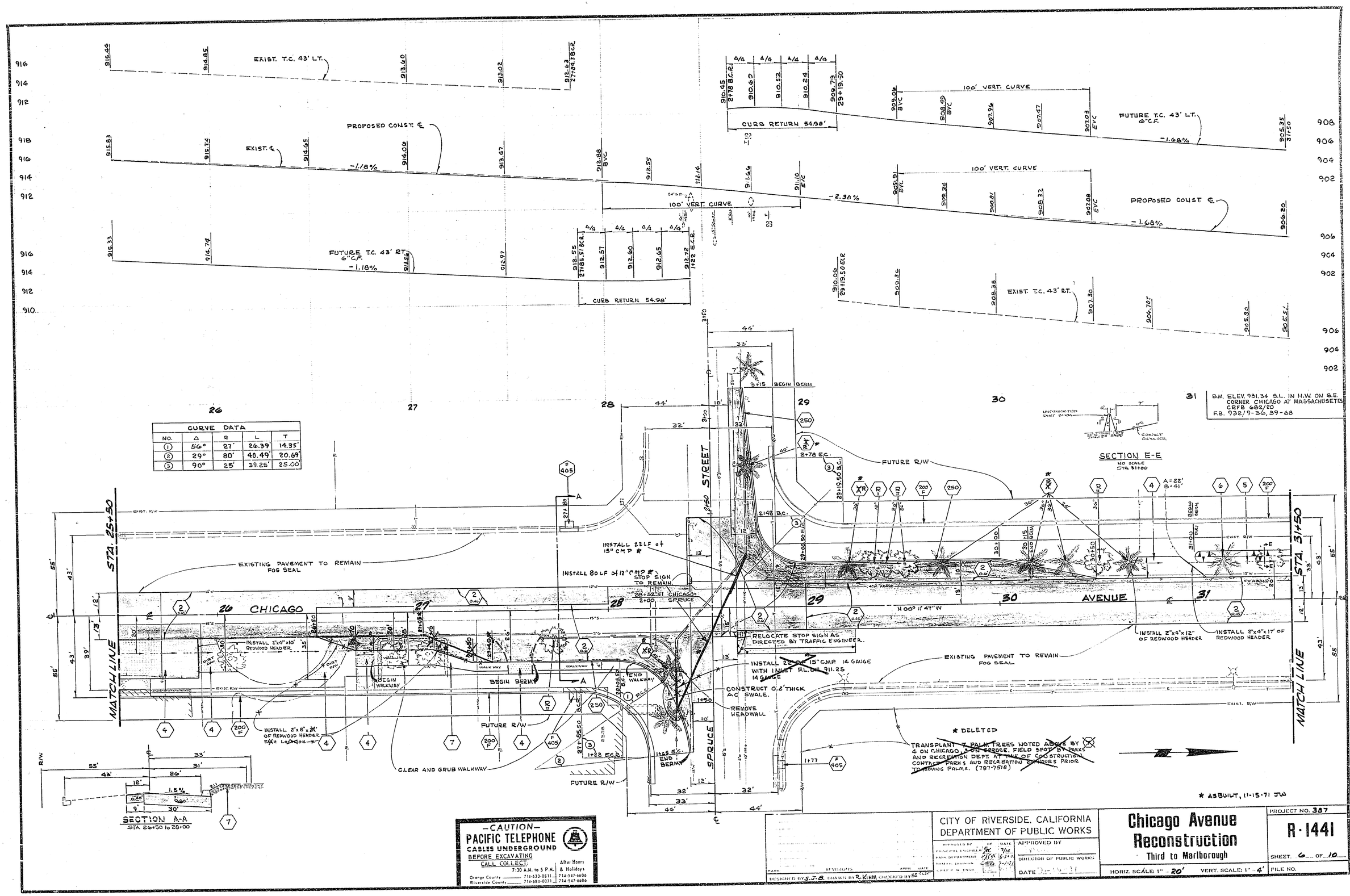
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 7-16-71

DESIGNED BY S.J.B. DRAWN BY R.K.M. CHECKED BY

Chicago Avenue Reconstruction
Third to Marlborough

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

PROJECT NO. 387
R-1441
SHEET 5 OF 10
FILE NO.



CURVE DATA				
NO.	Δ	R	L	T
1	56°	27'	26.39'	14.35'
2	29°	80'	40.49'	20.69'
3	90°	25'	39.25'	25.00'

-CAUTION-
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT:
7:30 A.M. to 5 P.M. — After Hours & Holidays
Orange County 714-633-0611 — 714-547-6606
Riverside County 714-684-0071 — 714-547-6606

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

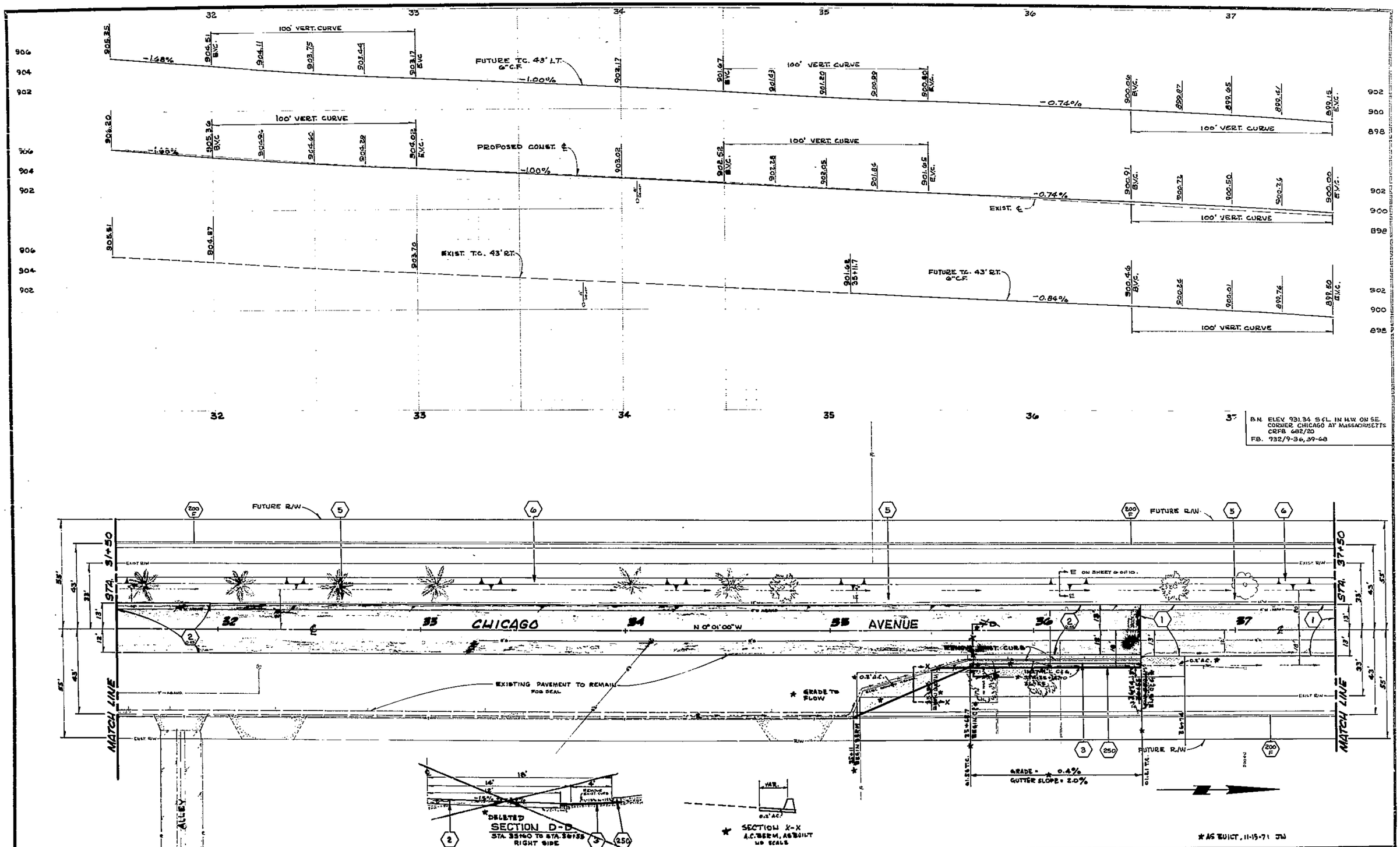
APPROVED BY — DIRECTOR OF PUBLIC WORKS — DATE

DESIGNED BY S.J.B. DRAWN BY R. KINM CHECKED BY

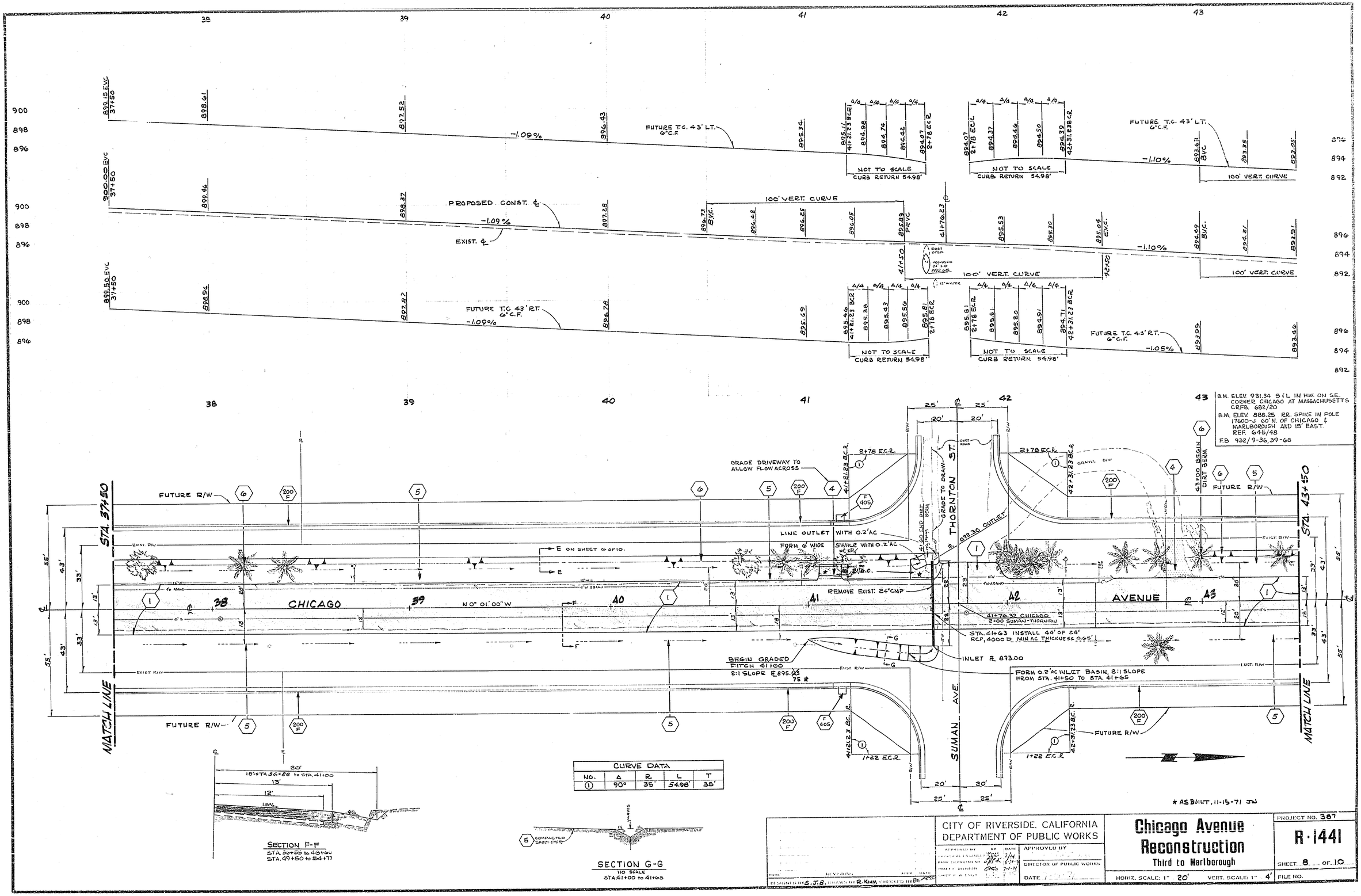
Chicago Avenue Reconstruction
Third to Marlborough

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

PROJECT NO. 387
R-1441
SHEET 6 OF 10
FILE NO.



100' VERT. CURVE
FUTURE T.C. 43' LT. 6" C.F.
-1.00%
-0.74%
PROPOSED CONST. ℄
EXIST. ℄
EXIST. T.C. 43' RT.
FUTURE T.C. 43' RT. 6" C.F.
-0.84%
B.N. ELEV. 931.34 S.&L. IN H.W. ON SE. CORNER CHICAGO AT MASSACHUSETTS CRFB 682/20
F.B. 932/9-36, 39-68
FUTURE R/W
STA. 31+50
STA. 37+50
MATCH LINE
CHICAGO AVENUE
N 0° 01' 00" W
EXISTING PAVEMENT TO REMAIN FOG SEAL
GRADE TO FLOW
GRADE = 0.4%
GUTTER SLOPE = 2.0%
ALLEY
DELETED
SECTION D-D
STA. 35+60 TO STA. 36+55 RIGHT SIDE
SECTION X-X
A.C. BERM, AS BUILT
NO SCALE
* AS BUILT, 11-15-71 JW
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 7-16-71
Chicago Avenue Reconstruction
Third to Marlborough
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'
PROJECT NO. 387
R-1441
SHEET 7 OF 10
FILE NO.
DESIGNED BY S.J.B. DRAWN BY R. KUHN CHECKED BY



CURVE DATA				
NO.	Δ	R	L	T
1	90°	35'	54.98'	35'

★ AS BUILT, 11-15-71 JW

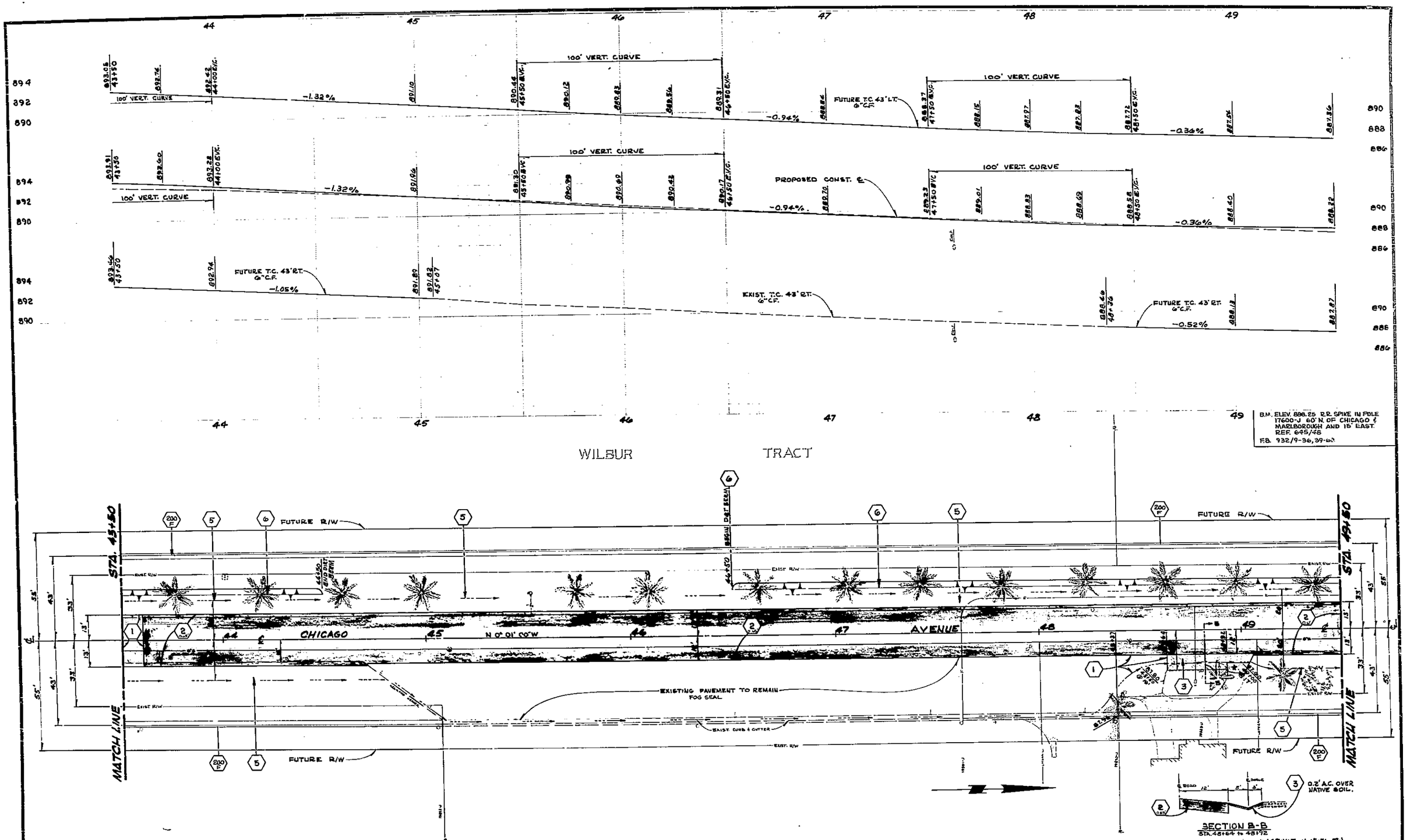
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE

Chicago Avenue Reconstruction
Third to Marlborough

PROJECT NO. 387
R-1441
SHEET 8 OF 10
HORIZ. SCALE: 1" 20' VERT. SCALE: 1" 4'
FILE NO.

DESIGNED BY S.J.B. DRAWN BY R. KIMM CHECKED BY BE



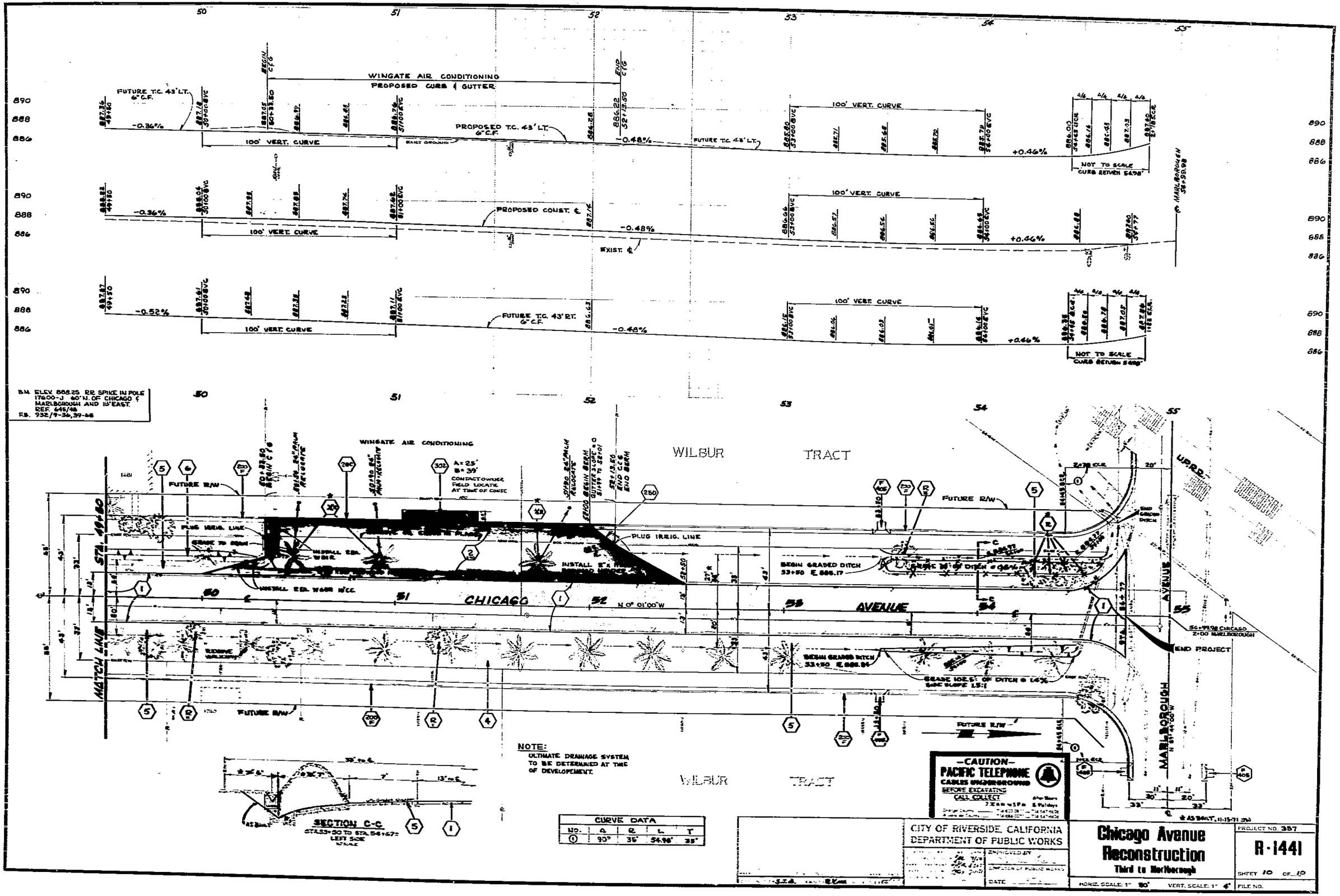
REVISIONS	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	**Chicago Avenue Reconstruction** **Third to Marlborough**
DESIGNED BY S.J.B. DRAWN BY R.K.W. CHECKED BY	APPROVED BY PRINCIPAL ENGINEER; PARK DEPARTMENT; TRAFFIC DIVISION; CHIEF P.W. ENGR.	APPROVED BY DIRECTOR OF PUBLIC WORKS DATE 2-16-71
		HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

PROJECT NO. 387

R-1441

SHEET 9 OF 10

FILE NO.



WINGATE AIR CONDITIONING
PROPOSED CURB & GUTTER
FUTURE T.C. 43' LT. 6" C.F.
PROPOSED T.C. 43' LT. 6" C.F.
100' VERT. CURVE
-0.36%
-0.48%
+0.46%
NOT TO SCALE
CURB RETURN 54.98'
PROPOSED CONST. ℄
EXIST. ℄
FUTURE T.C. 43' RT. 6" C.F.
-0.52%
B.M. ELEV. 888.25 RR SPIKE IN POLE 17600-J 60' N. OF CHICAGO & MARLBOROUGH AND 13' EAST. REF. 645/48 F.B. 932/9-36,39-48
WINGATE AIR CONDITIONING
WILBUR TRACT
FUTURE R/W
PLUG IRRIG. LINE
INSTALL 2" x 1" BORING HEADER
BEGIN GRADED DITCH 53+50 E 886.17
CHICAGO AVENUE
N 0° 01' 00" W
MATCH LINE
STA. 49+50
MARLBOROUGH AVENUE
END PROJECT
CONTACT OWNER FIELD LOCATE AT TIME OF CONST.
NOTE:
ULTIMATE DRAINAGE SYSTEM TO BE DETERMINED AT TIME OF DEVELOPEMENT.
SECTION C-C
STA. 53+50 TO STA. 54+67± LEFT SIDE
-CAUTION-
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT
CURVE DATA
NO. | Δ | R | L | T
1 | 90° | 35' | 54.98' | 35'
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
Chicago Avenue Reconstruction
Third to Marlborough
PROJECT NO. 387
R-1441
SHEET 10 OF 10
HORIZ. SCALE: 1" = 20'
VERT. SCALE: 1" = 4'
FILE NO.