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 — ℓ —
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 F) 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 DEPTH) 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 T) 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.

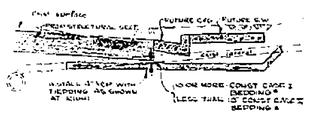
GENERAL CONSTRUCTION NOTES

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.

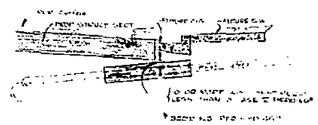
CONFLICTING SEWER LATERALS

NOTES:

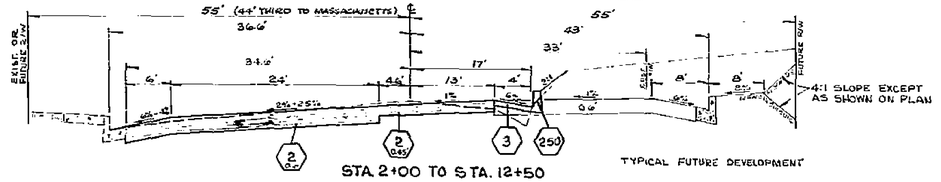
1. EXACT LIMITS OF LOWERING AND/OR ENCASING SHALL BE DETERMINED BY THE INSPECTOR AT TIME OF CONSTRUCTION.
2. THE CONTRACTOR SHALL EXPOSE EXIST. LATERALS AND OTHER UTILITIES AS NECESSARY FOR THE INSPECTOR TO DETERMINE THE LIMITS AND GRADE OF LOWERING AND/OR ENCASEMENT.

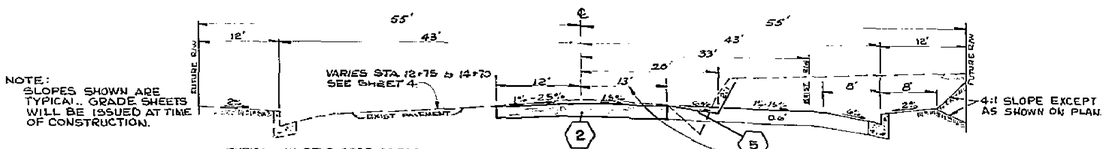


ALTERNATE 1. - LOWER LATERAL.

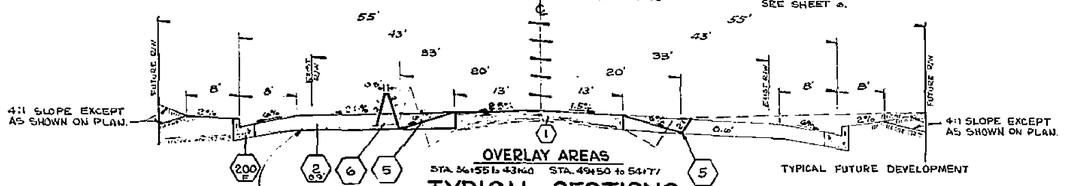


ALTERNATE 2. - ENCASE EXIST. LATERAL





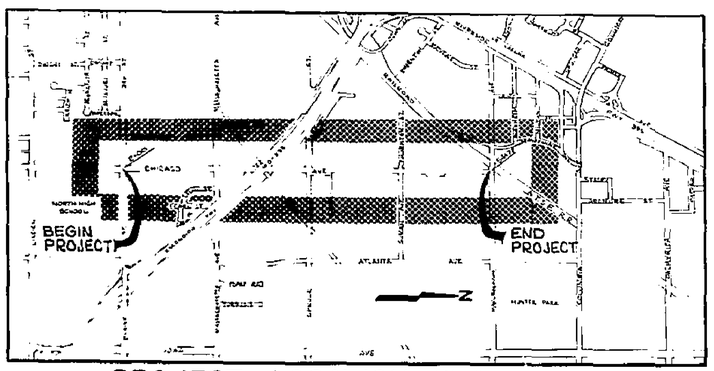
PAVEMENT REMOVAL AREAS
STA. 12+50 to 36+55, STA. 43+60 to 49+50



OVERLAY AREAS
STA. 36+55 to 43+60, STA. 49+50 to 54+77
STA. 50+33.50 to STA. 52+13.50

TYPICAL SECTIONS

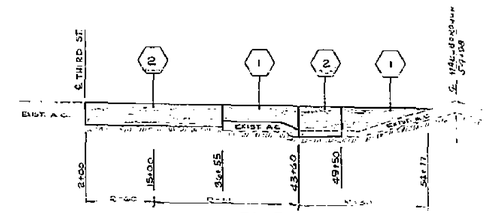
NO SCALE



PROJECT LOCATION PLAN

0 1000 2000 3000 4000 5000 6000 FEET

SCALE 1" = 1000'



STUCTURAL SECTION SCHEDULE

AT CENTER LINE

EXISTING CULTURE & UNDERGROUND LEGEND

EXISTING UNDERGROUND UTILITIES

SANITARY SEWER — W — WATER LINE — STORM DRAIN — SWEEP — IRRIGATION LINE — GAS LINE — TELEPHONE — ELECTRIC — TRAFFIC — SIGNAL

EXISTING TOPOGRAPHY

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

- SANITARY SEWER MH
- SAN. SEWER CLEANOUT
- ST. DRAIN MH
- IRRIGATION WEIR
- WATER MH
- GAS VALVE
- ELECTRIC MH
- TELEPHONE MH OR VAULT
- WATER METER
- FIRE HYDRANT
- SPRINKLER HEAD
- VALVE
- HYDRANT OR FAUCET
- POWER POLE
- GUY POLE
- POLE WITH LIGHT
- OPR POLE W/ P
- TRAFFIC SIGN
- PARKING METER
- STREET NAME
- GAS METER
- MAIL BOX
- STREET LIGHT STANDARD
- STREET LIGHT
- TRAFFIC SIGNAL STANDARD
- TRAFFIC SIGNAL
- PEDESTRIAN CONTROL FOR TRAFFIC SIGNAL

CONCRETE — ASPHALT — EDGE OF PAVEMENT — BUILDING — UNDERGROUND OR OVERHANGING STRUCTURE

- TREE SHOWING TRUNK DIAMETER IN INCHES
- PALM TREE SHOWING TRUNK DIAMETER IN INCHES
- SHRUB OR BUSH
- TREE OR SHRUB LOCATION ONLY

★ AS BUILT - 11-15-71 JHJ

Chicago Avenue Reconstruction

THIRD TO MARLBOROUGH

APPROVED BY	BY	DATE
MUNICIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF PLAN CHECKER		

APPROVED BY

DIRECTOR OF PUBLIC WORKS

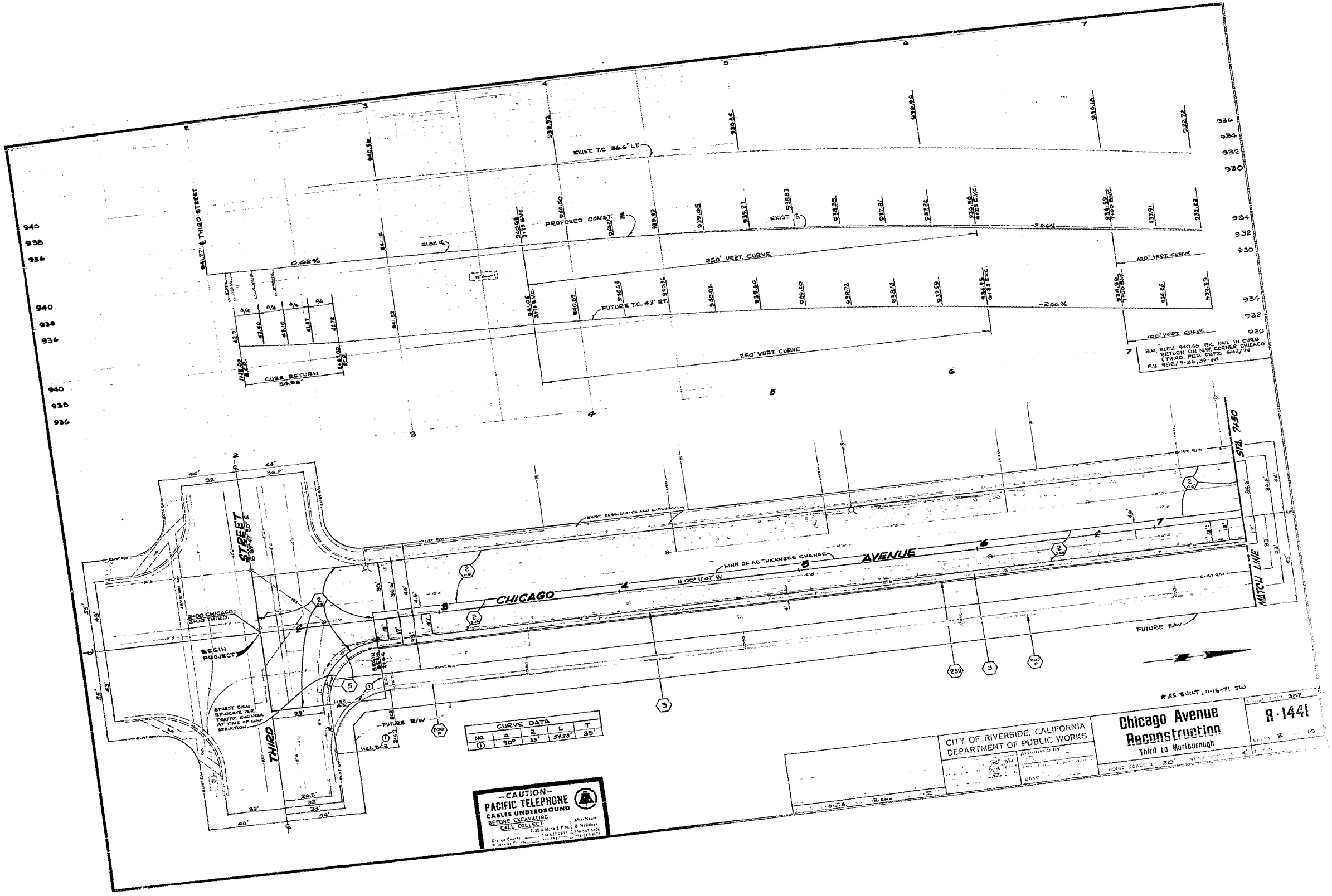
DATE

ACCOUNT NO. 38.7

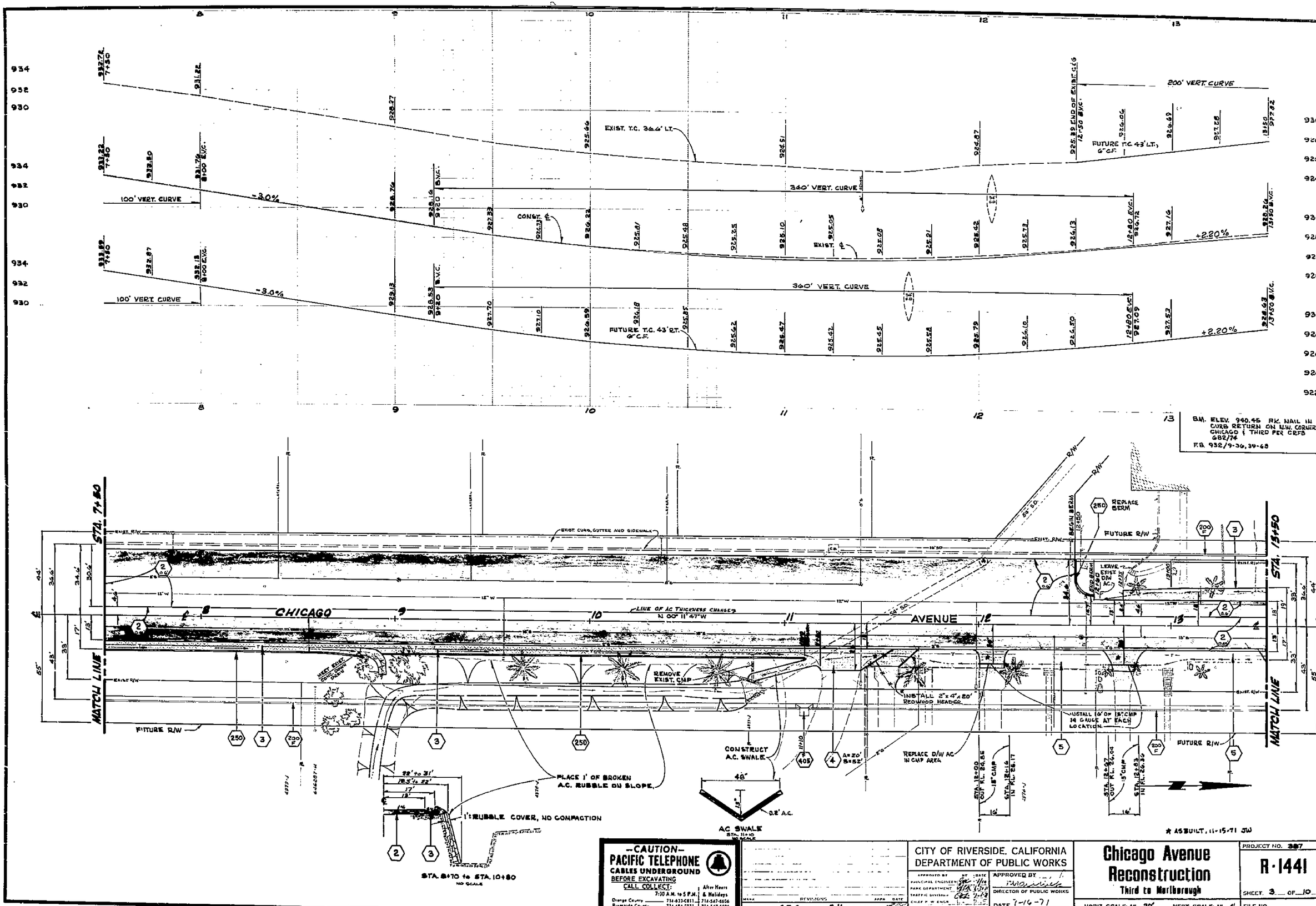
DRAWING NUMBER R-1441

SHEET 1 OF 1

DESIGNED BY S.J.D. DRAWN BY R.K. CHECKED BY EE



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 CRFS 682/74 F.B. 952/9-36, 39-64
THIRD STREET
CHICAGO AVENUE
N 00° 11' 47" W
LINE OF AC THICKNESS CHANGE
EXIST. CURB, GUTTER AND SIDEWALK
EXIST. R/W
FUTURE R/W
MATCH LINE STA. 7+50
2+00 CHICAGO = 2+00 THIRD.
BEGIN PROJECT
STREET SIGN RELOCATE PER TRAFFIC ENGINEER AT TIME OF CONSTRUCTION
CURVE DATA
NO. | Δ | R | L | T
① | 90° | 35' | 54.98' | 35'
-CAUTION-
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
Chicago Avenue Reconstruction
Third to Marlborough
R-1441
HORIZ. SCALE 1" = 20'
* 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

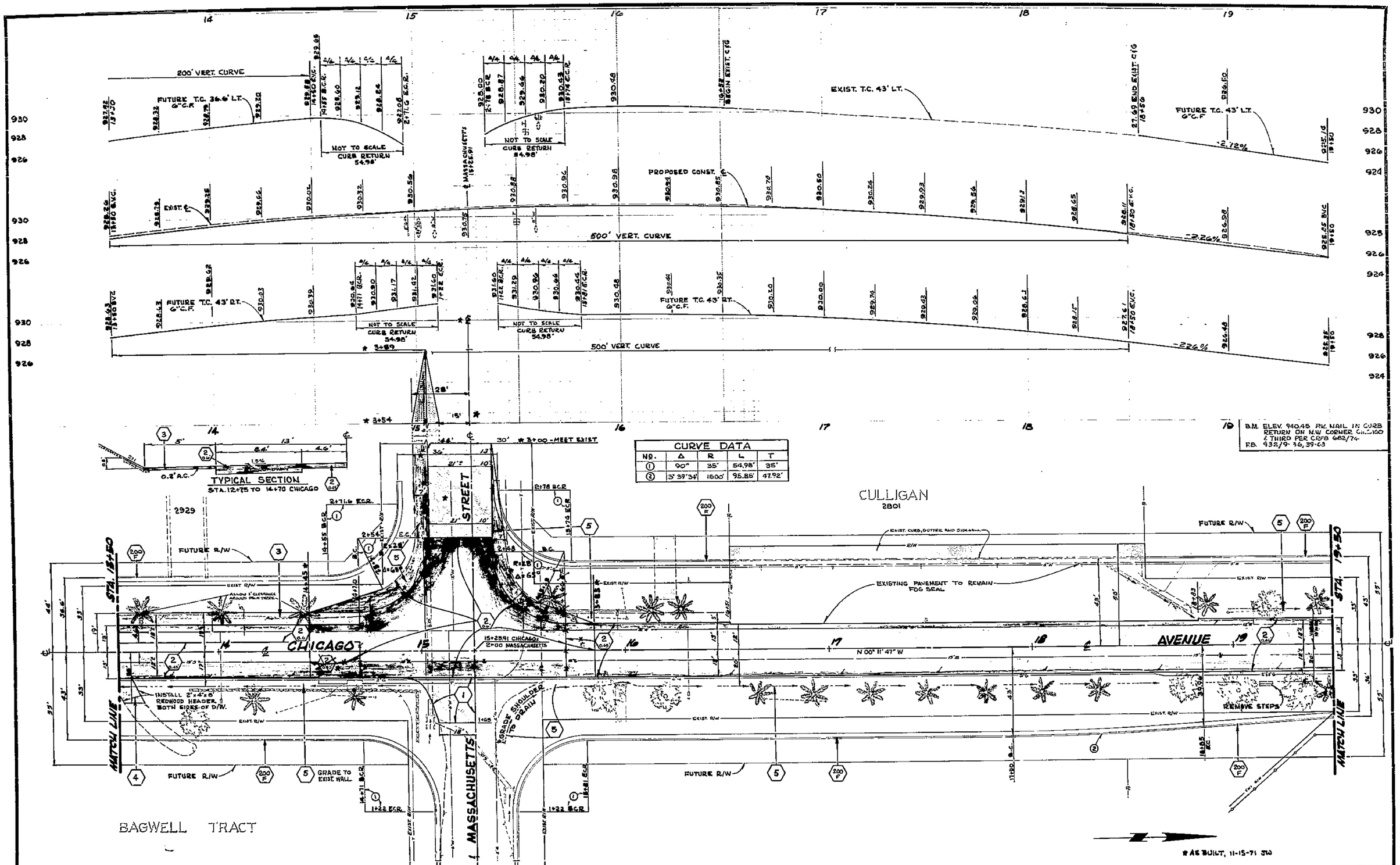
APPROVED BY | BY | DATE
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
CHIEF P.W. ENGR.

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.



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

-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.B. DRAWN BY R. KUHN CHECKED BY JB

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

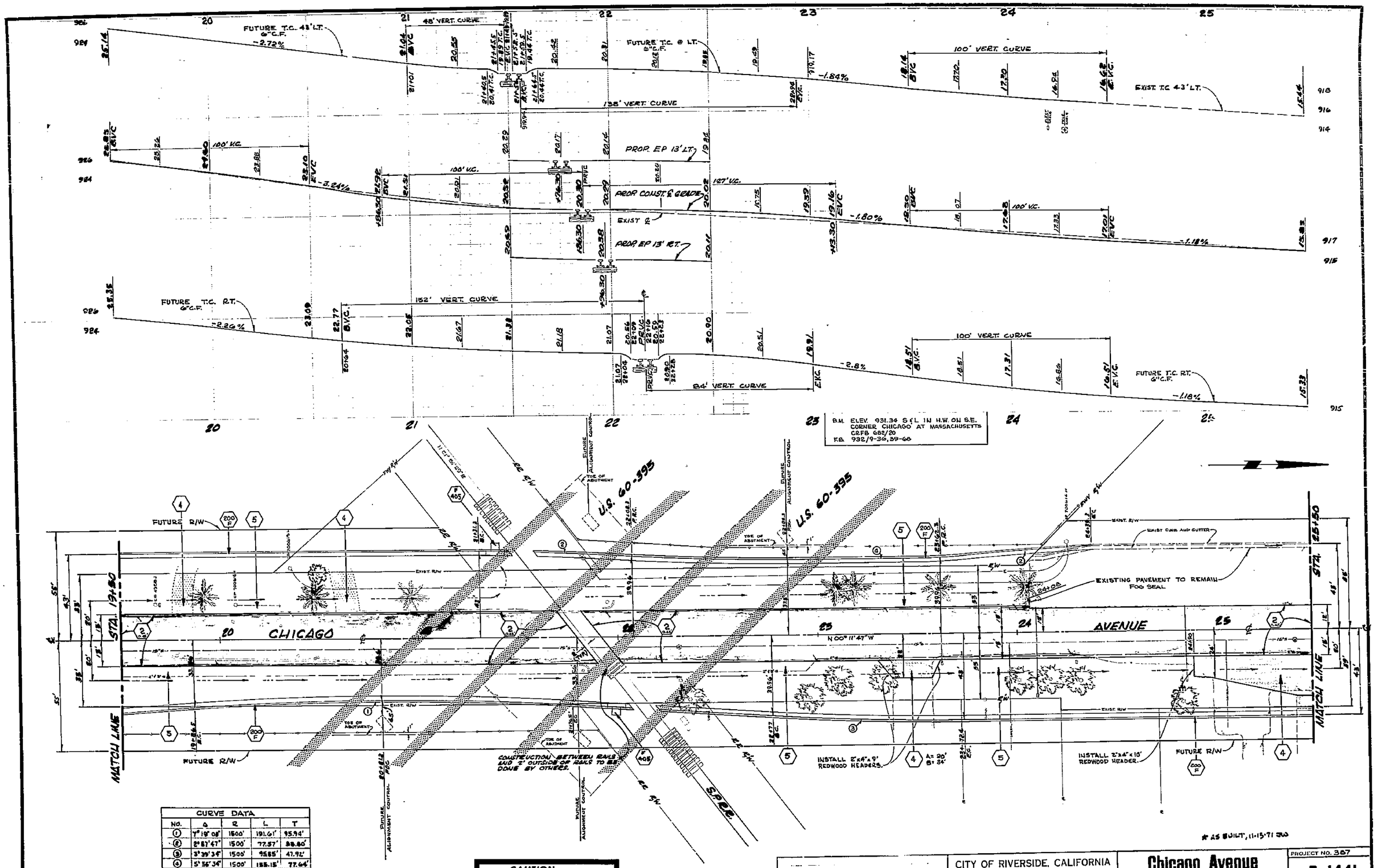
APPROVED BY | BY | DATE
PRINCIPAL ENGINEER | 7/16
PARK DEPARTMENT | 7-31-71
TRAFFIC DIVISION | 7-31-71
CHIEF P.W. ENGR.

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° 55' 34"	1500'	155.15'	77.64'

* AS BUILT, 11-15-71 JW

-CAUTION-
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Orange County 714-633-0811 714-547-6606
Riverside County 714-684-0071 714-547-6606

MARK | REVISIONS | APPR | DATE

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

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

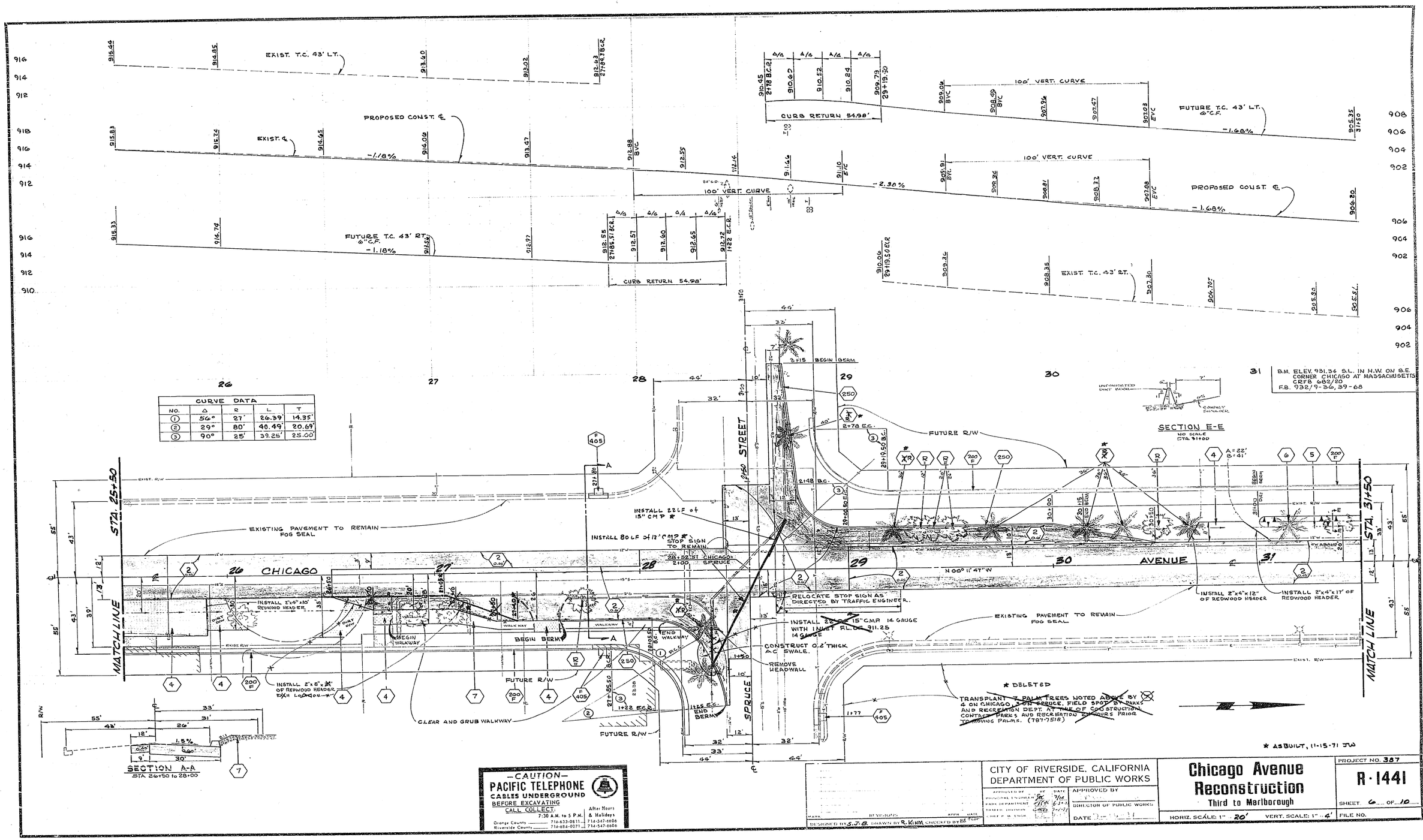
APPROVED BY
PRINCIPAL ENGINEER
PARK DEPARTMENT
CHIEF P. W. ENGR.

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 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 714-633-0511 714-547-6606
Riverside County 714-684-0071 714-547-6606

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

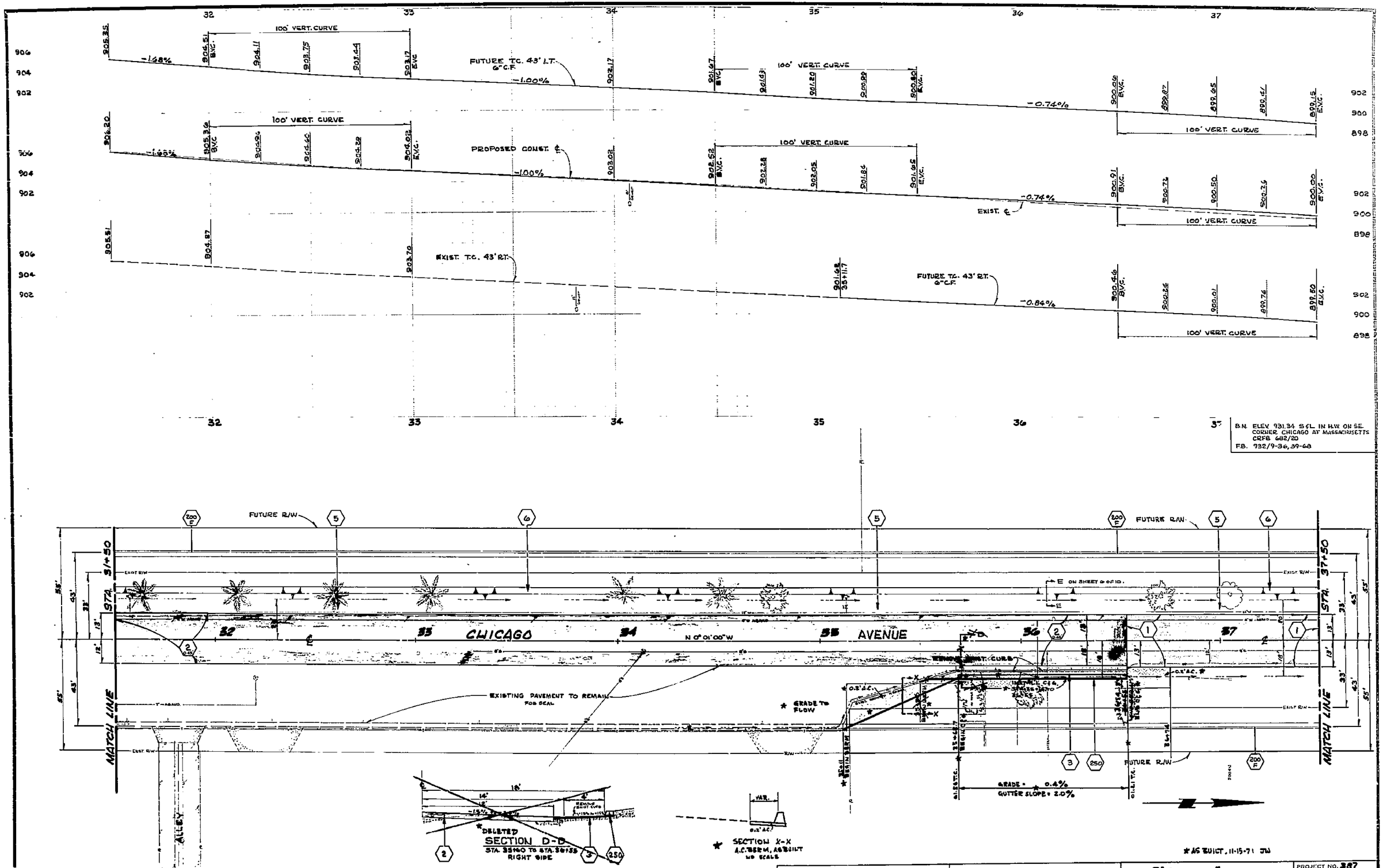
APPROVED BY — DATE
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
CHIEF P.W. ENGR.
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE

MARK — REVISIONS — APPR. — 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.



CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

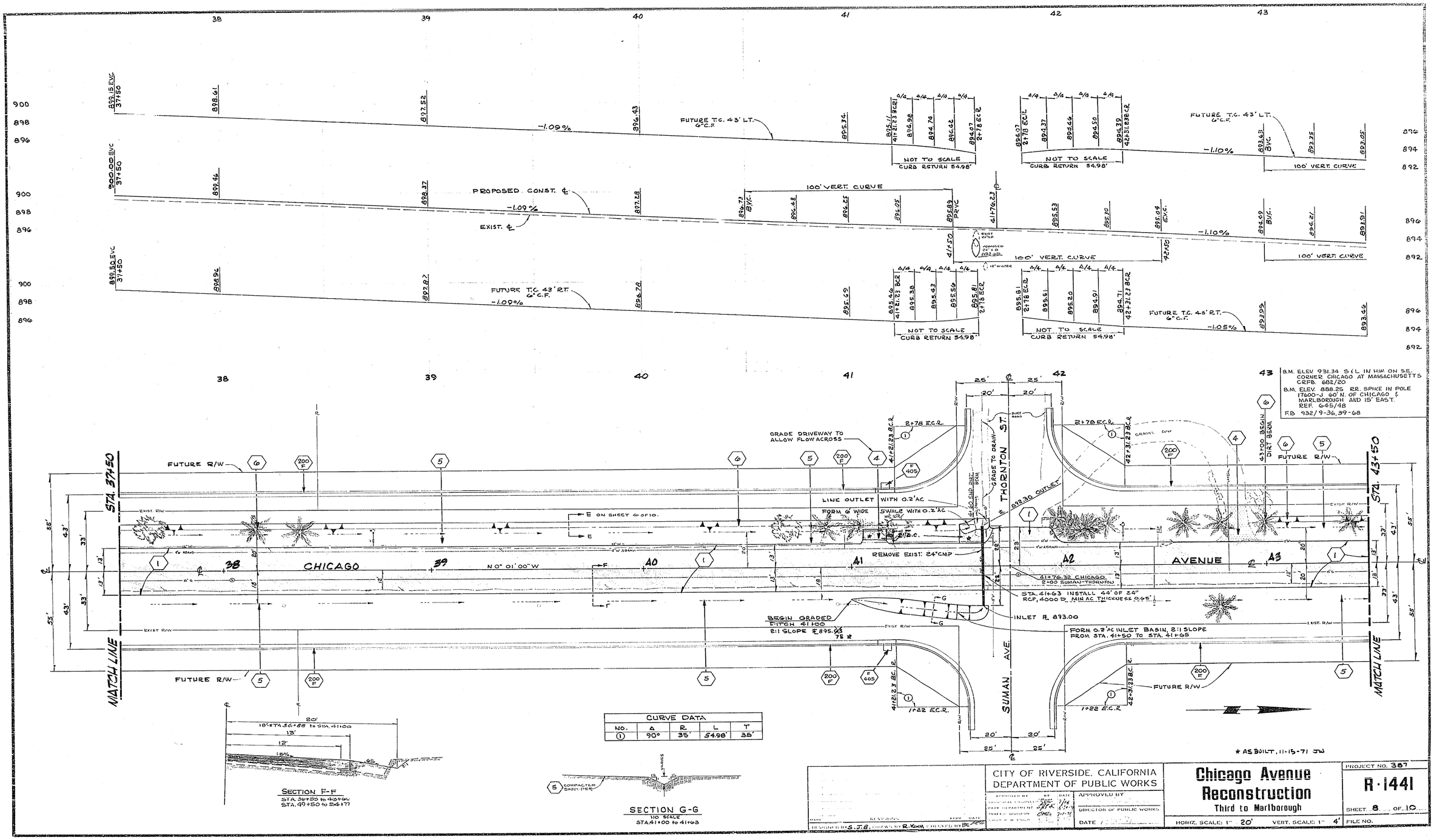
APPROVED BY:
DIRECTOR OF PUBLIC WORKS
DATE 2-16-71

DESIGNED BY S.T.S. DRAWN BY R.K.M.A. CHECKED BY

Chicago Avenue Reconstruction
Third to Marlborough

PROJECT NO. 387
R-1441
SHEET 7 OF 10
FILE NO.

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



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

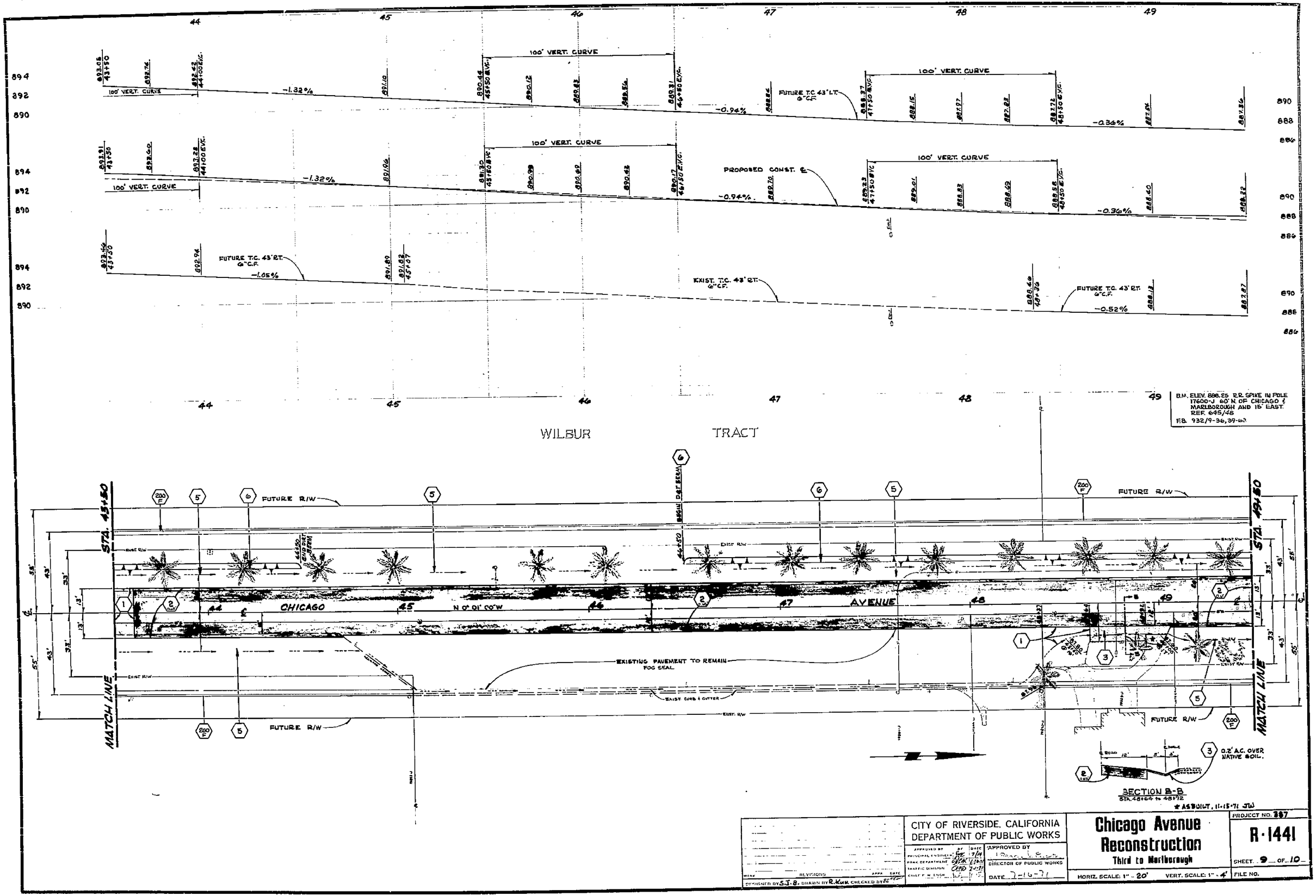
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE

Chicago Avenue Reconstruction
Third to Marlborough

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

PROJECT NO. 387
R-1441
SHEET 8 OF 10
FILE NO.

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



CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS	**Chicago Avenue Reconstruction** Third to Marlborough	PROJECT NO. 387 **R-1441**	
APPROVED BY: PRINCIPAL ENGINEER, PARK DEPARTMENT, TRAFFIC DIVISION, CHIEF P.W. ENGR.	APPROVED BY: DIRECTOR OF PUBLIC WORKS DATE 7-16-71	HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'	SHEET 9 OF 10 FILE NO.
DESIGNED BY S.J.B. DRAWN BY R.K. CHECKED BY			

WINGATE AIR CONDITIONING
PROPOSED CURB & GUTTER

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

PROPOSED T.C. 43' LT. 6" C.F.

PROPOSED CONST. ℄

EXIST. ℄

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

100' VERT. CURVE

-0.36%

-0.52%

-0.48%

+0.46%

NOT TO SCALE

CURB RETURN R=30'

℄ MARLBOROUGH 54+99.98

B.M. ELEV. 888.25 RR SPIKE IN POLE 17600-J 60' N. OF CHICAGO ℄ MARLBOROUGH AND 13' EAST. REF. 648/48
RS. 932/9-36, 39-46

WILBUR TRACT

WINGATE AIR CONDITIONING

CONTRACTOR MAY FIELD LOCATE AT TIME OF CONST.

PLUG IRRIG. LINE

INSTALL 8"x 8" WOOD HEADER

INSTALL CEM. MORTAR W/CC

BEGIN GRADED DITCH 53+50 E 886.17

GRADE 36' OF DITCH @ 96%

BEGIN GRADED DITCH 53+50 E 886.04

GRADE 102.5' OF DITCH @ 1.4% SIDE SLOPE 1.5:1

FUTURE R/W

MATCH LINE STA. 49+80

CHICAGO AVENUE

N 0° 01' 00" W

MARLBOROUGH AVENUE

N 89° 44' 58" W

END PROJECT

54+99.98 CHICAGO
2+00 MARLBOROUGH

NOTE:
ULTIMATE DRAINAGE SYSTEM TO BE DETERMINED AT TIME OF DEVELOPEMENT.

SECTION C-C
STA 53+50 TO STA 54+67=
LEFT SIDE
SCALE

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

-CAUTION-
PACIFIC TELEPHONE
CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT
7 AM to 5 PM 5 Days
After Hours & Holidays

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 10 OF 10
HORIZ. SCALE: 1" = 50' VERT. SCALE: 1" = 4'
FILE NO.