RIVERSIDE CITY OF RIVERSIDE CALIFORNIA

PUBLIC WORKS DEPARTMENT

CHICAGO AVENUE EXTENSION

AT A.T. & S.F. RY./MARLBOROUGH

(INCLUDING MARLBOROUGH REALIGNMENT AND SIDEWALK)

CONSTRUCTION LEGEND

CENTER LINE
RIGHT-OF-WAY LINE — R/A
SUBDIVISION LOT LINE
TELEPHONE
ELECTRIC
WATER LINE

- (A) REMOVE A.C.
- (B) 0.75' A.C.
- (C) 0.35' A.C. OVER 100' BASE MATERIAL.
- (D) 0.30' A.C. (MISC. AREAS)
- (E) GRADE AS DIRECTED BY ENGINEER
- (F) OVERLAY A.C.
- (T) TRANSPLANT PALM TREE
- (G) .35' A.C. OVER 1.00' BASE MATERIAL.
- (H) 6" THICK CONCRETE (DRIVEWAYS ON SHEET 4)

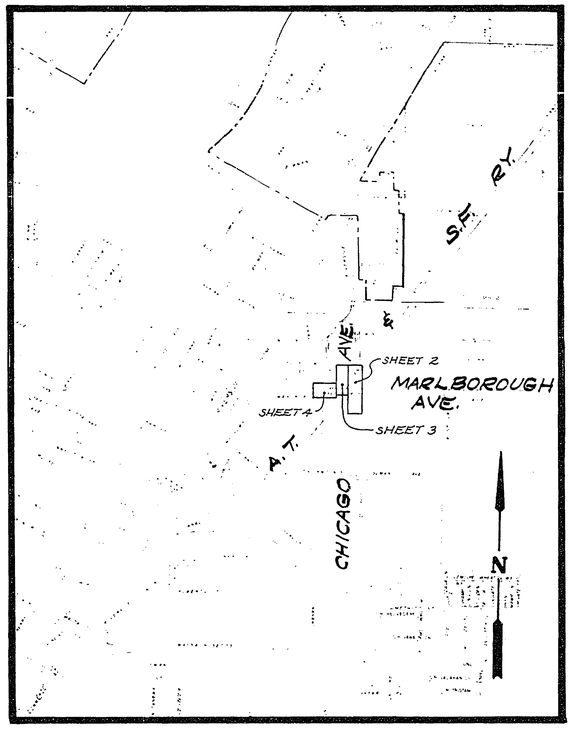
SPECIFIC CONSTRUCTION NOTES

NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY, UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET BELOW. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

- 122/M 8'/45' TAPER, MODIFY STD. 8'/90' TAPER.
- 123/M 9'/62' FLARE, LAYOUT AT 15.5' INTERVALS.
- 304/M 4' WIDE RAMP OF A.C., 0.30 THICK.
- 425/M PROVIDE 24"x24" CLEAR OPENING FRAME AND GRATE RIVERSIDE FOUNDRY NO. R-2010 OR APPROVED EQUAL 8" SHELF NOT REQUIRED. ADJUST LOCATION LATERALLY TO AVOID DISTURBING FENCE.

GENERAL CONSTRUCTION NOTES

1. ELEVS. IN PARENTHESES ARE EXISTING.
2. EMBANKMENT SLOPES 2:1 OR FLATTER.
3. REMOVE ALL A.C. BERMS AND ISLANDS WITHIN PROJECT LIMITS.
4. PAVEMENT SURFACE SHALL HAVE STRAIGHT GRADES BETWEEN PROFILE LINES.
5. CONFLICTING UTILITIES SHOWN WITHIN CONSTRUCTION AREA WILL BE RELOCATED PRIOR TO CONSTRUCTION.
6. RIGHTS OF ENTRY HAVE BEEN OBTAINED FOR WORK SHOWN ON PRIVATE PROPERTY.
7. REFER TO THE SIGN TABLE AND SPECIAL SIGN DETAILS IN SPECIAL PROVISIONS SECTION 312 "TRAFFIC SIGNS" FOR NEW SIGNS AND DISPOSITION OF EXISTING SIGNS.



PROJECT LOCATION PLAN

0' 500' 1000' 2000' 3000' 4000' 5000' 6000'

SCALE 1" = 1000'

T. I. = 7.0 ON CHICAGO AVE.

T. I. = 6.0 ON MARLBOROUGH AVE.

EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

EXISTING UNDERGROUND UTILITIES:

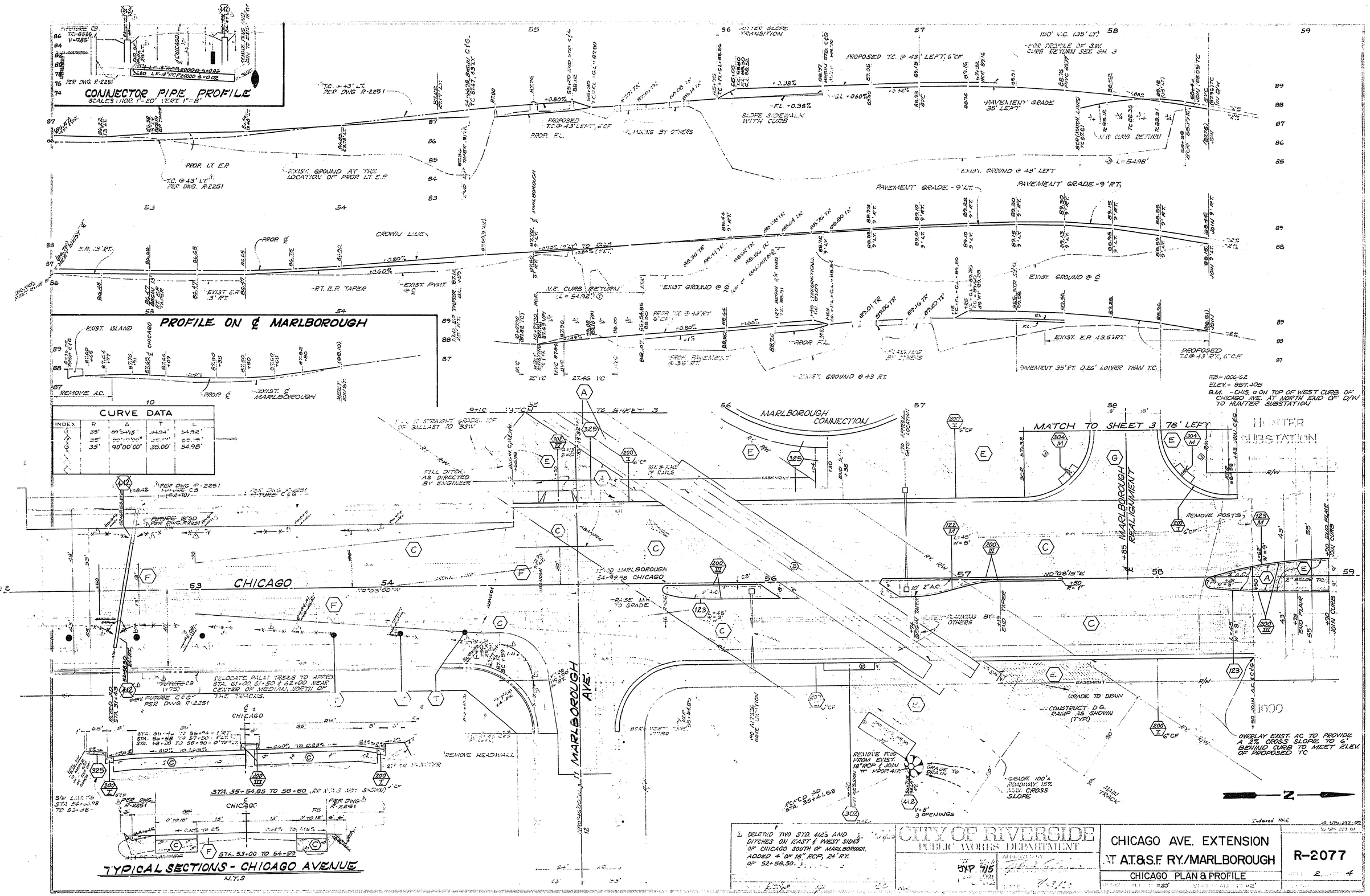
SANITARY SEWER	8"S	TELEPHONE CONDUIT	T — T
WATER LINE	6"W	ELECTRICAL CONDUIT	E — E
STORM DRAIN	24"S.D.	STREET LIGHTING	SL — SL
GAS LINE	3"G	TRAFFIC SIGNAL	SIG — SIG
IRRIGATION LINE	20" IRR	FIRE ALARM	F — F
ABANDONED UTILITY	6"G(ABAN'D)		

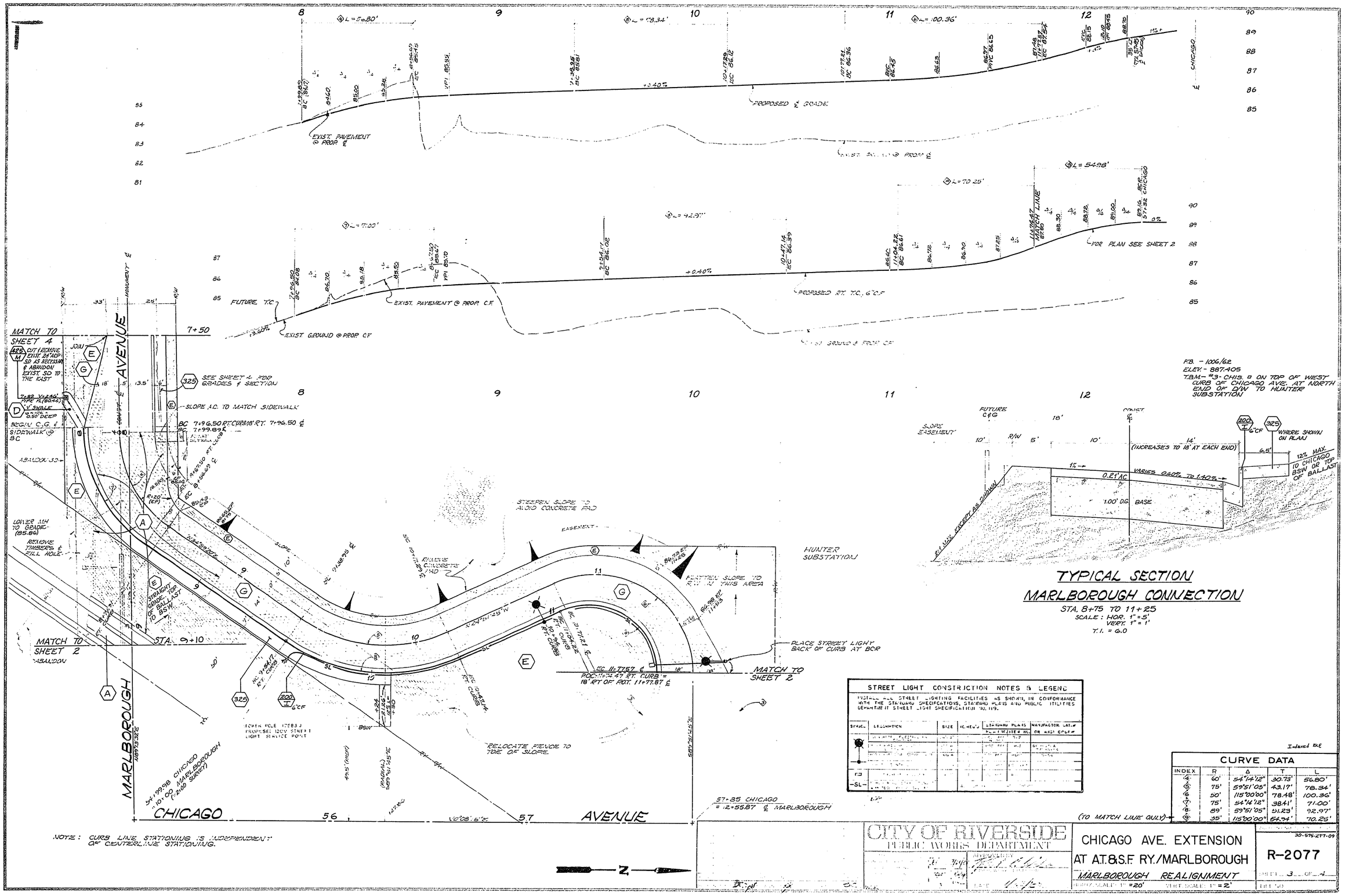
EXISTING TOPOGRAPHY:

- BLOCK WALL
- BOARD FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- TOP OF SLOPE
- TOE OF SLOPE
- DIRECTION OF FLOW

- SANITARY SEWER M.H.
- SANITARY SEWER CLEANOUT
- STORM DRAIN M.H.
- IRRIGATION WEIR
- WATER M.H.
- GAS M.H.
- ELECTRIC M.H.
- TELEPHONE M.H. OR VAULT
- WATER METER
- FIRE HYDRANT
- SPRINKLER HEAD
- VALVE
- AIR VALVE
- AIR VENT
- POLE & GUY ANCHOR
- ELECTRIC POLE
- TELEPHONE POLE
- JOINT USE POLE
- PULL BOX
- TRAFFIC SIGN
- PARKING METER
- FIRE ALARM BOX
- STREET NAME SIGN
- GAS METER
- MAIL BOX
- FAUCET
- TELEPHONE RISER
- WHEEL STOP
- A.C. BERM
- STEEL POST
- WOOD POST
- PEDESTRIAN PUSH BUTTON
- RAILROAD TRACKS
- RAILROAD SIGN
- RAILROAD SIGNAL
- STREET LIGHT & TRAFFIC SIGNAL ON MAST ARM
- STREET LIGHT (UPRIGHT)
- STREET LIGHT
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL ON MAST ARM
- TRAFFIC SIGNAL CONTROLLER
- TRAFFIC SIGNAL PRESSURE DETECTOR
- TRAFFIC SIGNAL LOOP DETECTOR
- CONCRETE
- ASPHALT
- EDGE OF PAVEMENT
- BUILDING
- UNDERGROUND STRUCTURE
- OVERHANGING STRUCTURE
- CITRUS TREE
- DECIDUOUS TREE OR
- PALM TREE OR
- SHRUBBERY OR
- TREE STUMP
- EVERGREEN TREE

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT				CHICAGO AVE. EXTENSION AT A.T.&S.F. RY./MARLBOROUGH	ENGINEER ERK ACCOUNT NO. 30-470-279-09 DRAWING NUMBER R-2077
APPROVED BY	INI	DATE	APPROVED BY		SHEET 1 OF 4
PRINCIPAL ENGINEER			PUBLIC WORKS DIRECTOR		
PARK DEPARTMENT					
TRAFFIC DIVISION			DATE	DESIGNED BY DRAWN BY CHECKED BY SC	
CHIEF P.W. ENGINEER					


CONNECTOR PIPE PROFILE
SCALES: HOR. 1"=20' VERT. 1"=8'
PROFILE ON ℄ MARLBOROUGH
CURVE DATA
INDEX R Δ T L
35' 89°54'15" 34.94' 54.92'
35' 90°00'00" 35.00' 55.15'
35' 90°00'00" 35.00' 54.98'
CHICAGO
MARLBOROUGH AVE.
MARLBOROUGH CONNECTION
MATCH TO SHEET 3 78' LEFT
MARLBOROUGH REALIGNMENT
HUNTER SUBSTATION
TYPICAL SECTIONS - CHICAGO AVENUE
N.T.S.
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
CHICAGO AVE. EXTENSION
AT A.T.&S.F. RY./MARLBOROUGH
CHICAGO PLAN & PROFILE
R-2077



NOTE: CURB LINE STATIONING IS INDEPENDENT OF CENTERLINE STATIONING.

F.B. - 1006/62
ELEV. - 887.405
T.B.M. - #3 - CHIS. □ ON TOP OF WEST CURB OF CHICAGO AVE. AT NORTH END OF D/W TO HUNTER SUBSTATION

TYPICAL SECTION
MARLBOROUGH CONNECTION

STA. 8+75 TO 11+25
SCALE: HOR. 1" = 5'
VERT. 1" = 1'
T.I. = 6.0

STREET LIGHT CONSTRUCTION NOTES & LEGEND

INSTALL ALL STREET LIGHTING FACILITIES AS SHOWN, IN CONFORMANCE WITH THE STANDARD SPECIFICATIONS, STANDARD PLANS AND PUBLIC UTILITIES DEPARTMENT STREET LIGHT SPECIFICATION NO. 119.

SYMBOL	DESCRIPTION	SIZE	ICE REQ'D	STANDARD PLANS PLAN	STANDARD PLANS ITEM NO.	MANUFACTOR, CAT. # OR ANSI CODE #
	[illegible]					
	[illegible]					
	[illegible]					
	[illegible]					
	[illegible]					
	[illegible]					
-SL-	[illegible]					

Indexed RKE

CURVE DATA

INDEX	R	Δ	T	L
4	60'	54°14'12"	30.73'	56.80'
5	75'	59°51'05"	43.17'	78.34'
6	50'	115°00'00"	78.48'	100.36'
7	75'	54°14'12"	38.41'	71.00'
8	89'	59°51'05"	51.23'	92.97'
9	35'	115°00'00"	54.94'	70.25'

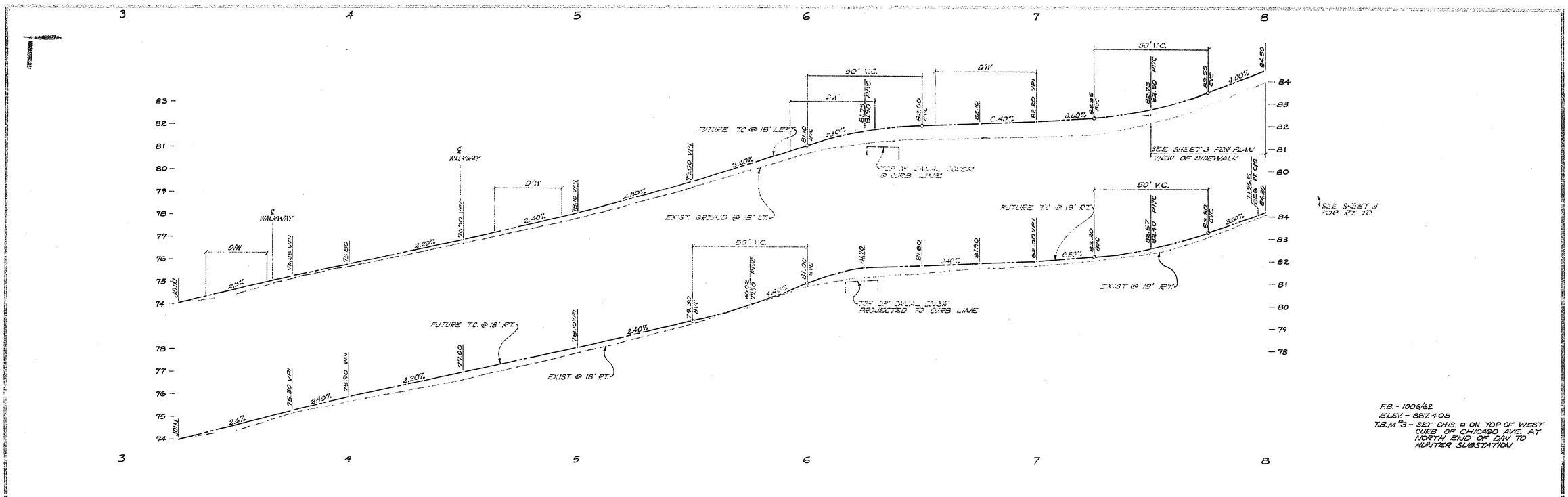
(TO MATCH LINE ONLY)

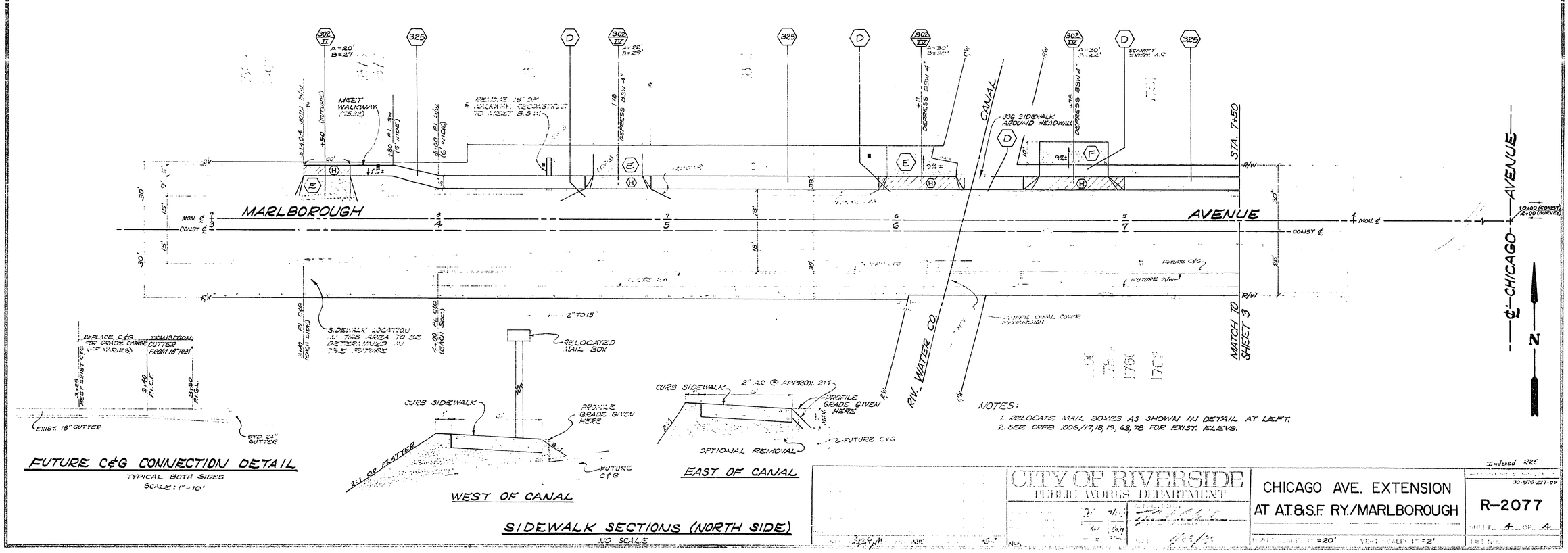
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

CHICAGO AVE. EXTENSION
AT A.T.&S.F. RY./MARLBOROUGH
MARLBOROUGH REALIGNMENT

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

30-575-277-09
R-2077
SHEET 3 OF 4


FUTURE TC @ 18' LT.
EXIST. GROUND @ 18' LT.
TOP OF CANAL COVER @ CURB LINE
SEE SHEET 3 FOR PLAN VIEW OF SIDEWALK
FUTURE TC @ 18' RT.
EXIST @ 18' RT.
TOP OF CANAL COVER PROJECTED TO CURB LINE
SEE SHEET 3 FOR RT. TC
FUTURE TC. @ 18' RT.
EXIST. @ 18' RT.
D/W
WALKWAY
50' V.C.
F.B. - 1006/62
ELEV. - 887.405
T.B.M #3 - SET CHIS. □ ON TOP OF WEST CURB OF CHICAGO AVE. AT NORTH END OF D/W TO HUNTER SUBSTATION


MARLBOROUGH
AVENUE
CHICAGO
AVENUE
CANAL
RIV. WATER CO.
STA. 7+50
MATCH TO SHEET 3
MEET WALKWAY
JOG SIDEWALK AROUND HEADWALL
SIDEWALK LOCATION IN THIS AREA TO BE DETERMINED IN THE FUTURE
RELOCATED MAIL BOX
CURB SIDEWALK
PROFILE GRADE GIVEN HERE
FUTURE C&G
OPTIONAL REMOVAL
2:1 OR FLATTER
EXIST. 18" GUTTER
STD. 24" GUTTER
FUTURE C&G CONNECTION DETAIL
TYPICAL BOTH SIDES
SCALE: 1" = 10'
WEST OF CANAL
EAST OF CANAL
SIDEWALK SECTIONS (NORTH SIDE)
NO SCALE
NOTES:
1. RELOCATE MAIL BOXES AS SHOWN IN DETAIL AT LEFT.
2. SEE CRFB 1006/17, 18, 19, 63, 78 FOR EXIST. ELEVS.
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
CHICAGO AVE. EXTENSION
AT A.T.&S.F. RY./MARLBOROUGH
R-2077
SHEET 4 OF 4