RIVERSIDE CALIFORNIA

INCORPORATED 1883 — CITY OF RIVERSIDE

PUBLIC WORKS DEPARTMENT

TYLER STREET WIDENING

AN F.A.U. PROJECT

FEDERAL NO. M-MG-2114(3)

CONSTRUCTION LEGEND

CENTER LINE ——℄——

RIGHT-OF-WAY LINE ——R/W——

——℄——

TOP OF SLOPE

TOE OF SLOPE

DIRECTION OF FLOW

ASPHALT OVERLAY

REMOVE AND REPLACE ASPHALT PAVING

PCC. CONCRETE (SIDEWALK AND GUTTERS) DRAINAGE STRUCTURE

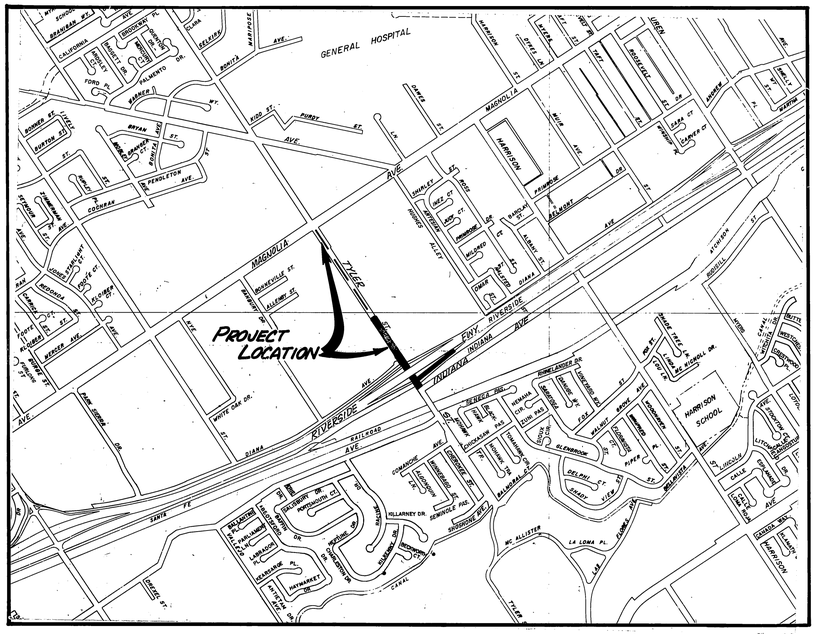
STAMPED CONCRETE

GENERAL NOTES

1. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL CONFORM TO THE STANDARD SPECIFICATIONS DATED JULY, 1984, OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, SUBSEQUENT ADDENDA, AND REFERENCED CITY OF RIVERSIDE SUPPLEMENTAL DRAWINGS.
2. CONTRACTOR SHALL CONTACT "UNDERGROUND SERVICE ALERT" 48 HOURS PRIOR TO START OF WORK. TEL. (800) 422-4133.
3. TRAFFIC SIGNS AND MARKINGS PER STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION, TRAFFIC MANUAL FIGURES 6-29 TO 6-31 INCLUSIVE.
4. INSTALL, RELOCATE AND REMOVE ALL STREET LIGHT FACILITIES AS SHOWN IN ACCORDANCE WITH THE CITY OF RIVERSIDE STREET LIGHT SPECIFICATION 119 AND STANDARD DRAWINGS.

CONSTRUCTION NOTES

1. REMOVE.
2. WATER METER & BACKFLOW VALVE-RELOCATE BY OTHERS.
3. FIRE HYDRANT TO BE RELOCATED BY OTHERS.
4. ADJUST TO GRADE.
5. CONST. CURB & GUTTER PER STD. PLAN N8-A, TYPE B-2.
6. CONST. CURB PER STD. PLAN N8-A, TYPE B3.
7. CONST. CURB PER STD. PLAN N8-A, TYPE A1-6.
8. CONST. SIDEWALK PER CITY OF RIVERSIDE SUPPLEMENTAL DWG. 325.
9. CONST. WHEELCHAIR RAMP PER DETAIL RAMP ON SHT. 4.
10. CONST. WHEELCHAIR RAMP PER CITY OF RIVERSIDE SUPPLEMENTAL DWG. 304.
11. CONST. STAMPED CONC., 4" THICK IN ISLAND MEDIAN.
12. CONST. VARIABLE THICKNESS A.C. LEVELING COURSE.
13. CONST. 0.31' A.C. PAVING OVER 0.33' A.B., CLASS II OR 0.50' FULL DEPTH PAVING OVER COMPACTED NATIVE.
14. REMOVE EXIST. PAVING & CONST. 0.31' A.C. PAVING OVER RECOMPACTED BASE.
15. CONST. 0.25' A.C. OVERLAY.
16. CONST. 0.45' A.C. PAVING OVER 1.05' A.B., CLASS II.
17. REMOVE EXIST. PAVING AND 0.20' BASE, RECOMPACT & CONST. 0.45' A.C. PAVING.
18. PLACE 6' WIDE PAVEMENT REINFORCING FABRIC, CENTERED ON CURB & GUTTER.
19. CONST. A.C. DIKE PER STD. PLAN A73, TYPE B (HIGH DIKE).
20. CONST. CONC. CROSS GUTTER PER CITY OF RIVERSIDE SUPPLEMENTAL DWG. 220.
21. CONST. DRAINAGE INLET PER STD. PLAN D74, TYPE GO WITH A GUTTER DEPRESSION TYPE G, IN GRADE SAG, PER STD. PLAN D-78. GRATE SHALL BE TYPE 24-10C PER STD. PLAN D77-B.
22. CONST. UNDER SIDEWALK DRAIN AS PER DETAIL SHOWN ON SHT. 4.
23. RELOCATE EXIST. ELECTROLIER TO NEW FOUNDATION PER ITEM 54 OF UGS-801. REMOVE EXIST. FOUNDATION.
24. INSTALL 1" HDG. STEEL ST. LT. CONDUIT COMPLETE W/2-#8 CU. 600 V. CABLES. REMOVE EXIST. CONDUIT & CABLES.
25. CONST. 16 L.F. OF DOUBLE REINFORCED BOX CULVERT PER STD. PLAN D81; 10' SPAN 4' HEIGHT.
26. CONST. WARPED WINGWALLS PER STD. PLAN D86-A.
27. CONST. NON-REINFORCED CONC. RETAINING WALL PER DETAIL SHOWN ON SHT. 3.
28. RELOCATE EXIST. CHAINLINK FENCE.
29. INSTALL CITY FURNISHED "WELCOME TO ARLINGTON" SIGN, STA. 5+25.
30. CONST. MIN. 0.05' A.C. OVERLAY (GUTTER LIP & GUTTER LIP) FROM STA. -2+00 TO STA. 10+10 TYLER STREET.
31. CONST. DROP INLET IN TOP OF REINF. CONC. BOX. GRATE SHALL BE TYPE 24-10C PER STD. PLAN D77-B.



PROJECT LOCATION PLAN

0.KM. 0.5 KM. 1 KM. 1.5 KM.

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

SCALE 1" = 1000'

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.——	ELECTROLIER LIGHTING CONDUIT	——ELC——
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

(S) SANITARY SEWER M.H.

SANITARY SEWER CLEANOUT

(D) STORM DRAIN M.H.

IRRIGATION WEIR

(W) WATER M.H.

(G) GAS M.H.

(E) ELECTRIC M.H.

(T) 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

(asphalt) ep—ep (dirt) EDGE OF PAVEMENT

BUILDING

UNDERGROUND STRUCTURE

OVERHANGING STRUCTURE

CITRUS TREE

OR DECIDUOUS TREE

OR PALM TREE

OR SHRUBBERY

TREE STUMP

EVERGREEN TREE

SHEET INDEX

SHEET	TITLE
2	TYPICAL SECTIONS
3	STREET PLAN - TYLER STREET
4	STREET PLAN - TYLER STREET
5	STREET PLAN - NE'LY ON RAMP
6	STREET PLAN - NE'LY ON RAMP
7	STREET PLAN - NE'LY ON RAMP
8	STRIPING PLAN - TYLER STREET
9	STRIPING PLAN - NE'LY ON RAMP

* As built 3/16/87 TE

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CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

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

APPROVED BY: William D. Gardner
PUBLIC WORKS DIRECTOR

DATE JUNE 3, 1985

TYLER STREET WIDENING AND MEDIAN RELOCATION PHASE II

TITLE SHEET

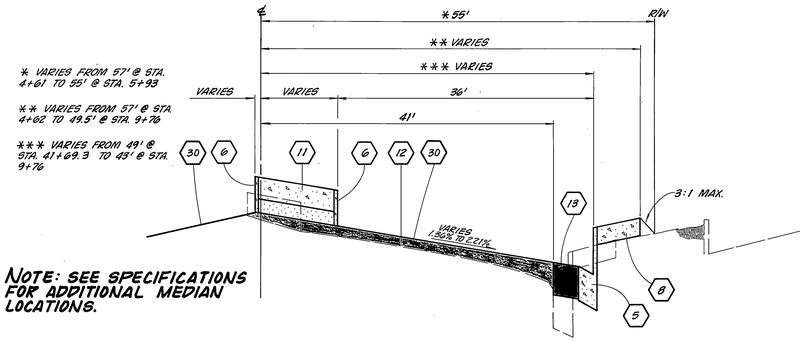
DESIGNED BY Kell J DRAWN BY Dan Post CHECKED BY

ACCOUNT No. 30-575-309-06

DRAWING NUMBER R-2665

SHEET 1 OF 9

H-7



* VARIES FROM 57' @ STA. 4+61 TO 55' @ STA. 5+93

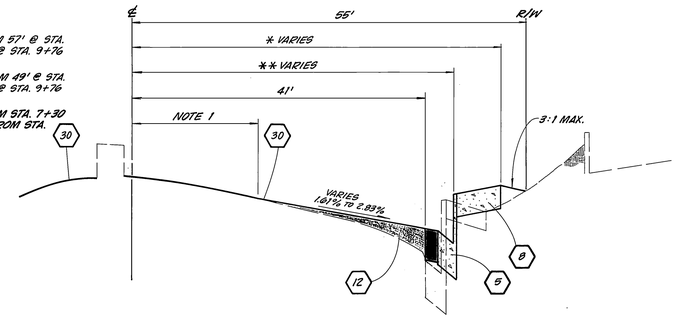
** VARIES FROM 57' @ STA 4+62 TO 49.5' @ STA. 9+76

*** VARIES FROM 49' @ STA. 41+69.3 TO 43' @ STA. 9+76

NOTE: SEE SPECIFICATIONS FOR ADDITIONAL MEDIAN LOCATIONS.

TYLER STREET

STA. 4+61 TO 7+30



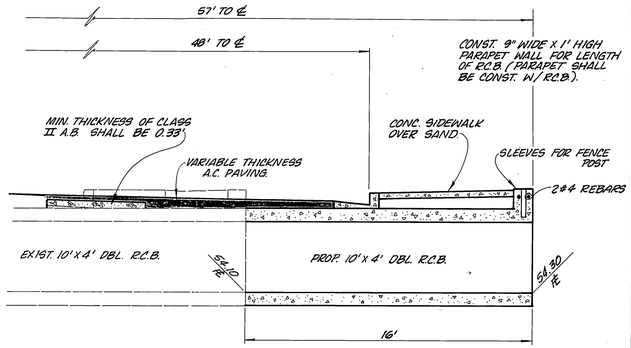
* VARIES FROM 57' @ STA. 4+62 TO 49.5' @ STA. 9+76

** VARIES FROM 49' @ STA. 4+69.13 TO 43' @ STA. 9+76

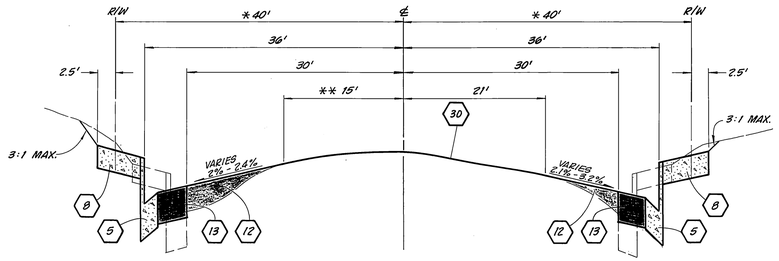
NOTE 1: 20' FROM STA. 7+30 TO 8+25, 31' FROM STA. 8+25 TO 9+76

TYLER STREET

STA. 7+30 TO 9+76



SECTION THRU DOUBLE R.C.B.



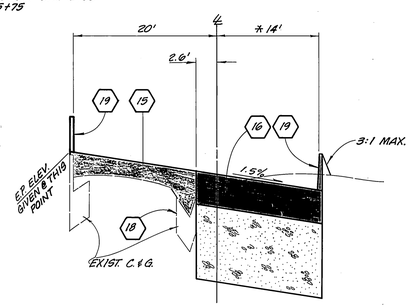
* STA. 2+34.2 TO 3+46.3 BRIDGE ABUTMENT @ 40' EACH SIDE.

** STA. 2+75 TO 3+75 OVERLAY GOES TO ℄

TYLER STREET

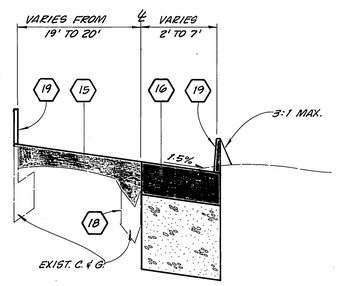
STA. 1+82.81 TO 3+88.84

* VARIES FROM 14' TO 6.5' FROM STA. 4+00 TO 5+75



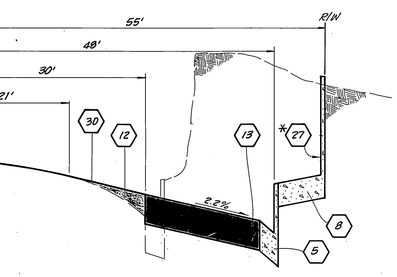
NE'LY BOUND ON RAMP

STA. 1+00 TO 5+75



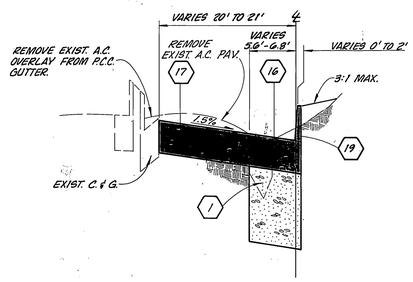
NE'LY BOUND ON RAMP

STA. 5+75 TO 7+50



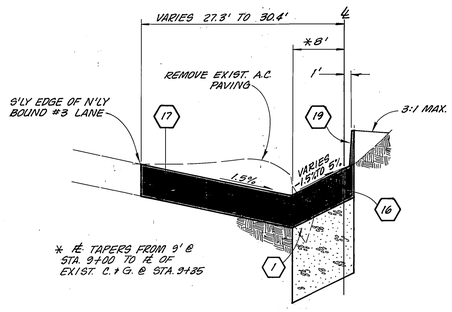
TYLER STREET

STA. 0+62 TO 0+97



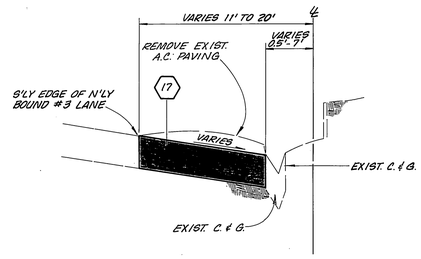
NE'LY BOUND ON RAMP

STA. 7+50 TO 8+25



NE'LY BOUND ON RAMP

STA. 8+25 TO 9+35



NE'LY BOUND ON RAMP

STA. 9+35 TO 13+25

* As built 3/16/87 MC

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MARK	REVISIONS	APPR.	DATE

DESIGNED BY VBELP DRAWN BY [illegible] CHECKED BY [illegible]

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

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

APPROVED BY
William D. Gardner
PUBLIC WORKS DIRECTOR
DATE JUNE 3, 1985

TYLER STREET WIDENING AND MEDIAN RELOCATION PHASE II

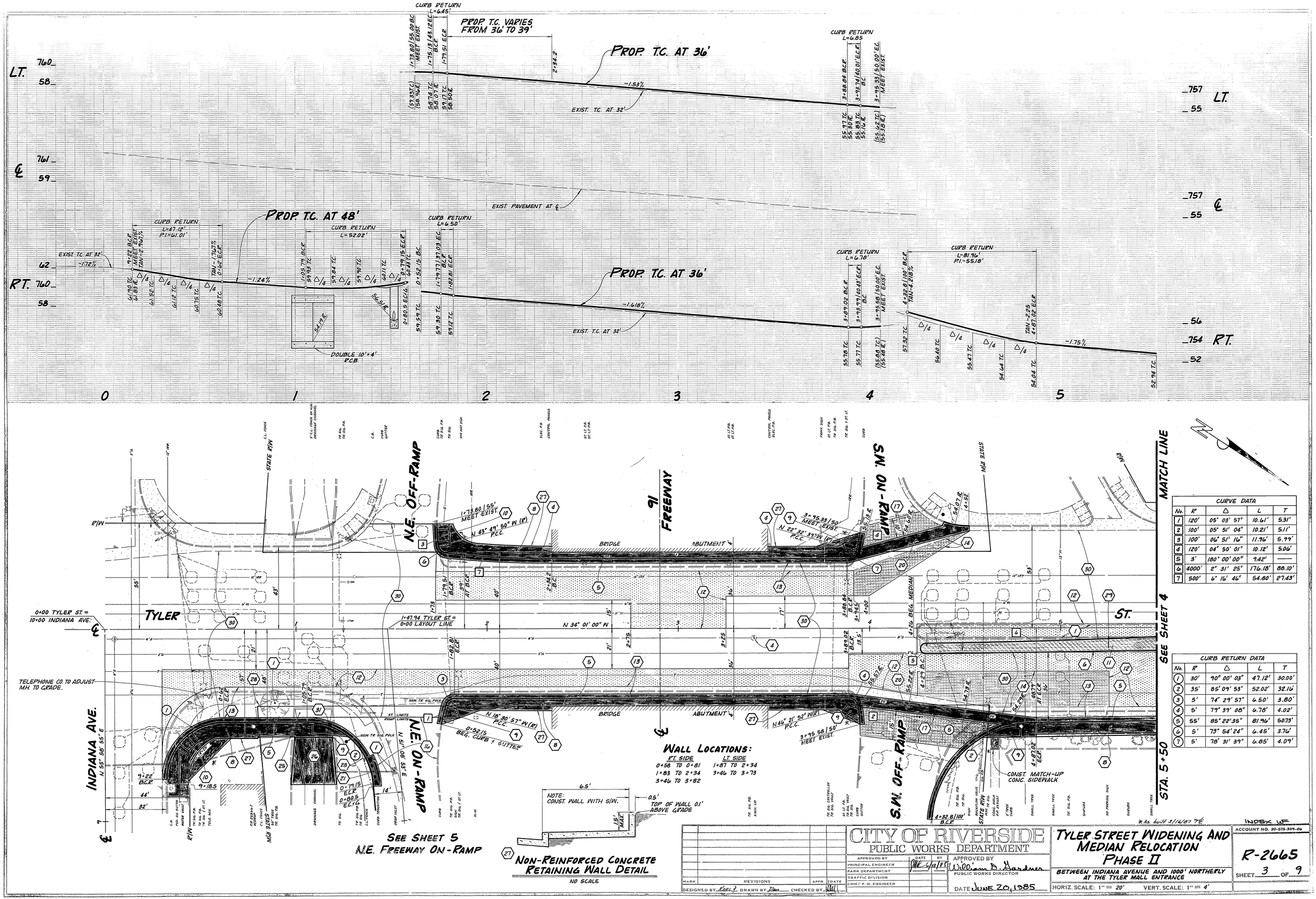
TYPICAL SECTIONS

SCALE: 1" = NONE

ACCOUNT NO. 30-575-309-04

R-2665

SHEET 2 OF 9



CURVE DATA				
No.	R	Δ	L	T
1	120'	05° 03' 57"	10.61'	5.31'
2	100'	05° 51' 04"	10.21'	5.11'
3	100'	06° 51' 16"	11.96'	5.99'
4	120'	04° 50' 01"	10.12'	5.06'
5	3'	180° 00' 00"	9.42'	——
6	4000'	2° 31' 25"	176.18'	88.10'
7	500'	6° 16' 46"	54.80'	27.43'

CURB RETURN DATA				
No.	R	Δ	L	T
1	30'	90° 00' 03"	47.12'	30.00'
2	35'	85° 09' 53"	52.02'	32.16'
3	5'	74° 29' 57"	6.50'	3.80'
4	5'	79° 39' 08"	6.78'	4.02'
5	55'	85° 22' 35"	81.96'	50.73'
6	5'	73° 54' 24"	6.45'	3.76'
7	5'	78° 31' 39"	6.85'	4.09'

*As built 3/16/87 TE

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CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY	DATE	BY
PRINCIPAL ENGINEER	JHE 6/18/85	
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF P. W. ENGINEER		

APPROVED BY William D. Gardner
PUBLIC WORKS DIRECTOR
DATE JUNE 20, 1985

TYLER STREET WIDENING AND MEDIAN RELOCATION PHASE II

BETWEEN INDIANA AVENUE AND 1000' NORTHERLY AT THE TYLER MALL ENTRANCE

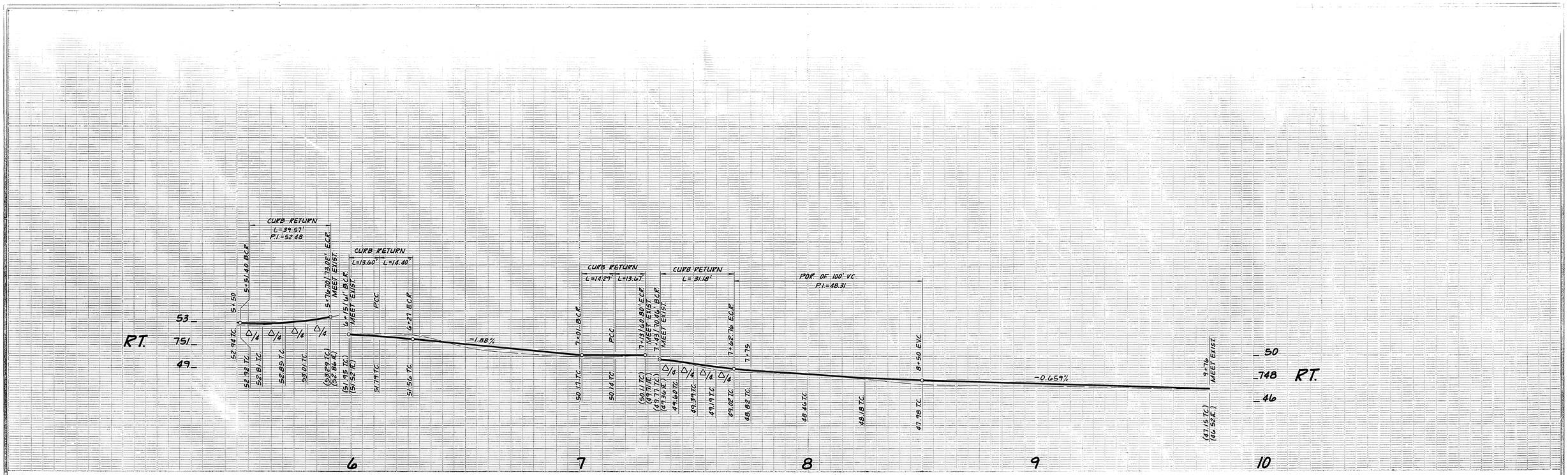
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

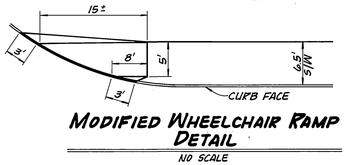
ACCOUNT NO. 30-575-309-06

R-2665

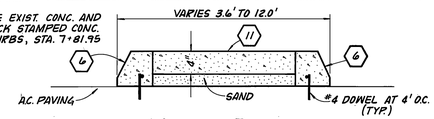
SHEET 3 OF 9

DESIGNED BY Karl F. DRAWN BY Dan CHECKED BY [illegible]



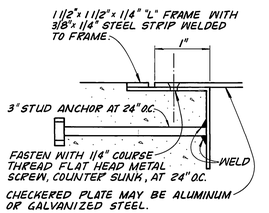


MODIFIED WHEELCHAIR RAMP DETAIL
NO SCALE



MEDIAN DETAIL
NO SCALE
STA. 4+26 TO 7+81.95

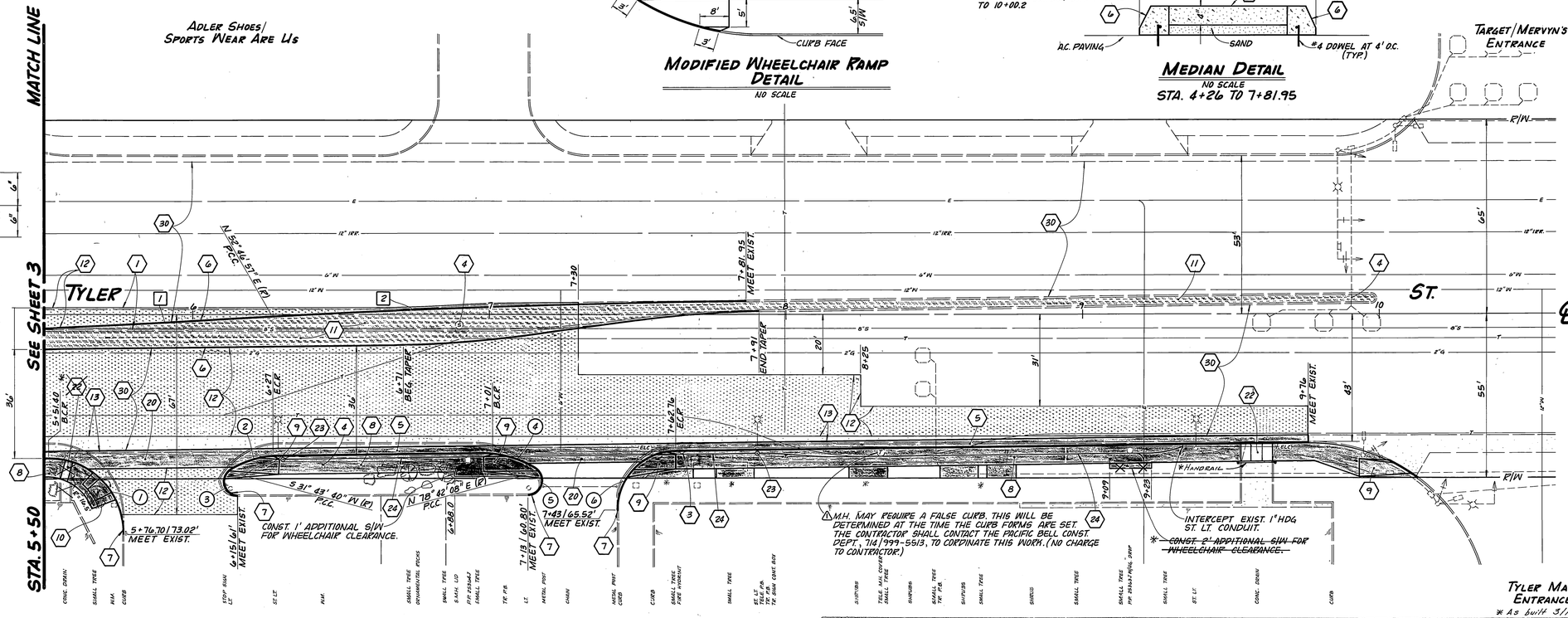
(22) UNDER SIDEWALK DRAIN
NO SCALE
* 2' AT STA. 5+57
10' AT STA. 9+60



CHECKERED PLATE MAY BE ALUMINUM OR GALVANIZED STEEL.

NOTE: ALL EXPOSED STEEL PARTS TO BE GALVANIZED AFTER FABRICATION.

DETAIL
NO SCALE



CURB RETURN DATA				
No.	R	Δ	L	T
1	25'	90° 40' 38"	39.57'	25.30'
2	35'	23° 34' 42"	14.40'	7.30'
3	5'	155° 51' 36"	13.60'	23.38'
4	35'	23° 23' 46"	14.29'	7.25'
5	5'	156° 36' 14"	13.67'	24.15'
6	20'	89° 19' 22"	31.18'	19.77'

CURVE DATA				
No.	R	Δ	L	T
1	4000'	2° 31' 25"	176.18'	88.10'
2	4000'	2° 32' 01"	176.88'	88.45'

TYLER MALL ENTRANCE
* As built 3/16/87 TE

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1	ADDED M.H. NOTE PER TELE. CO.		6/26/87	
MARK	REVISIONS	APPR.	DATE	

DESIGNED BY Karl DRAWN BY Dan CHECKED BY

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

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

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE JUNE 20, 1985

TYLER STREET WIDENING AND MEDIAN RELOCATION PHASE II

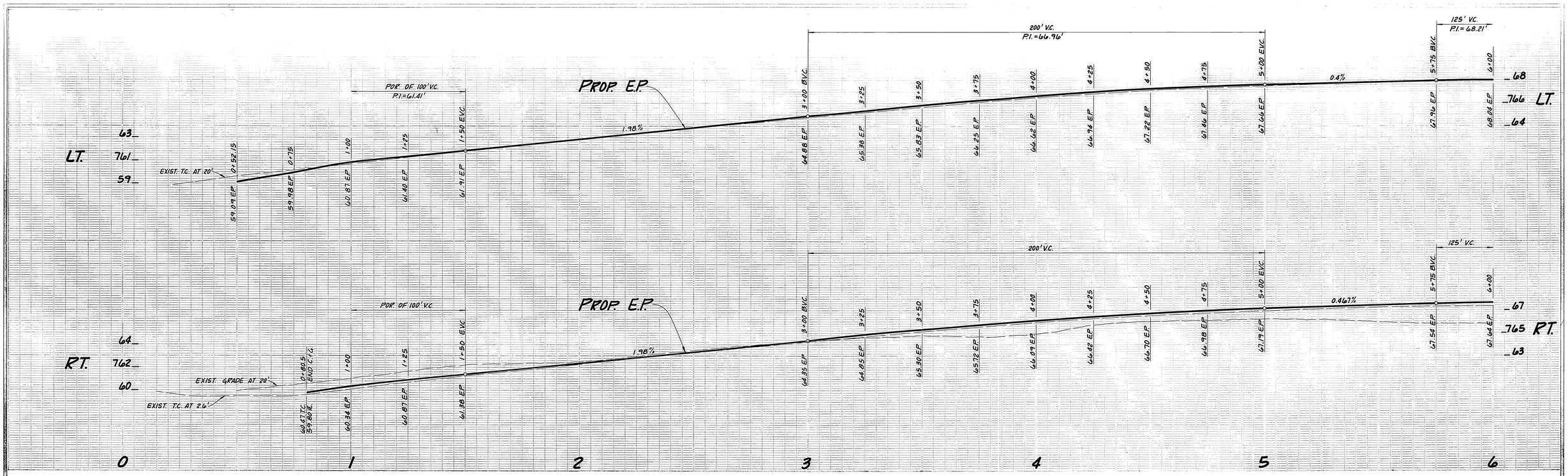
BETWEEN INDIANA AVENUE AND 1000' NORTHERLY AT THE TYLER MALL ENTRANCE

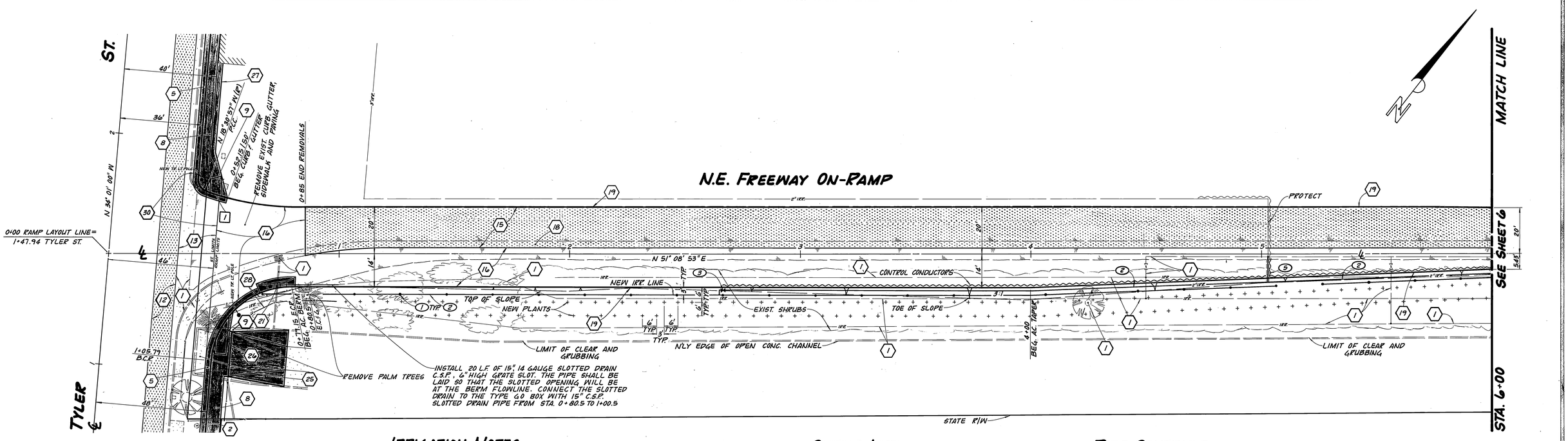
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'

ACCOUNT NO. 30-575-309-06

R-2665

SHEET 4 OF 9





IRRIGATION NOTES

1. INSTALL RAINBIRD SPRINKLER HEADS SERIES 25 BPJ (•) 25 PSI., 2.8 G.P.M., 9/64" NOZZLE OR CITY APPROVED EQUAL AT 20' O.C. PLACE HEAD 2' ABOVE GROUND.
2. P.V.C. SHALL BE CLASS 200 SIZED INACCORDANCE WITH SECTION 20-5, "IRRIGATION SYSTEMS," OF THE STANDARD SPECIFICATIONS, CONDUCTORS SHALL BE INACCORDANCE WITH SECTION 20-5 "IRRIGATION SYSTEMS."
3. RELOCATE EXIST. VALVE AND BOX TO JUST BEHIND A.C. DIKE.
4. CAP ALL EXIST. RISERS ON THE EXIST. SYSTEM, WITHIN THE CLEAR AND GRUB LIMITS, THAT IS TO REMAIN.
5. EXTEND 6" A.C.P. CONTROL AND NEUTRAL CONDUCTORS AND 2" G.S.P. TO 2' BEHIND A.C. DIKE.
6. CUT AND CAP AT CLOSEST PLANT.

SHRUB LIST

SYMBOL	BOTANICAL NAME	SIZE	SPACING
+	COTONEASTER HORIZONTALIS	5 GAL.	6' O.C.

PIPE SCHEDULE

0-4 HEADS	3/4"
4-6 HEADS	1"
6-10 HEADS	1 1/4"
10-13 HEADS	1 1/2"

* As built 3/16/87 TE

INDEX WF

MARK	REVISIONS	APPR.	DATE
1	REVISED IRR. SYSTEM PER STATE. KARL	[illegible]	6/18/85

DESIGNED BY KARL J. DRAWN BY Dan CHECKED BY [illegible]

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

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

APPROVED BY William D. Gardner
PUBLIC WORKS DIRECTOR
DATE JUNE 3, 1985

TYLER STREET WIDENING AND MEDIAN RELOCATION PHASE II

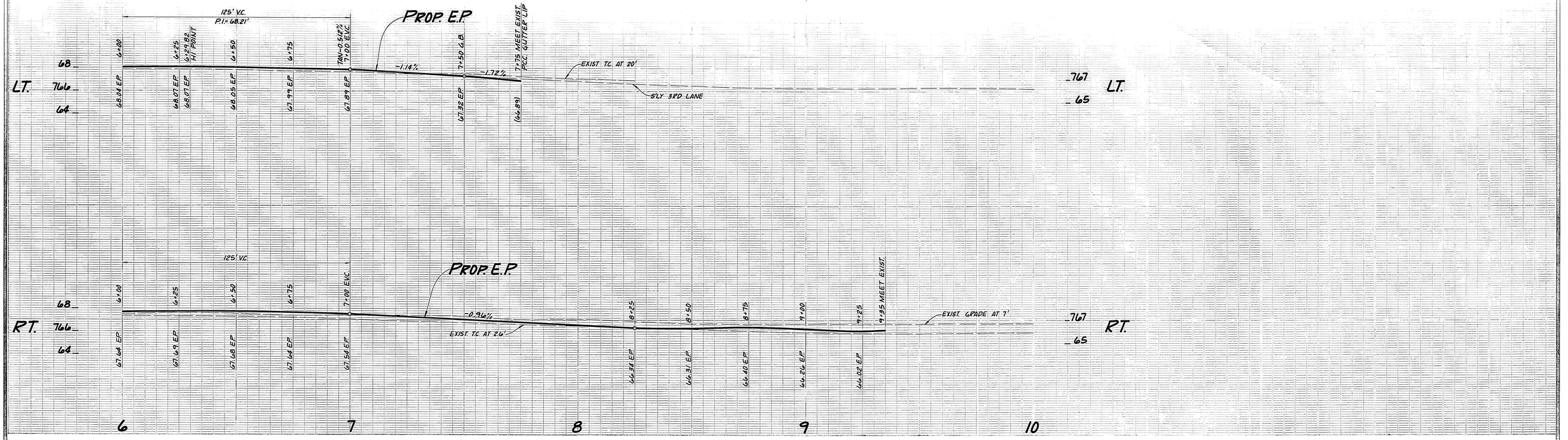
N.E.'LY FREEWAY ON RAMP

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

ACCOUNT NO. 30-575-309-06

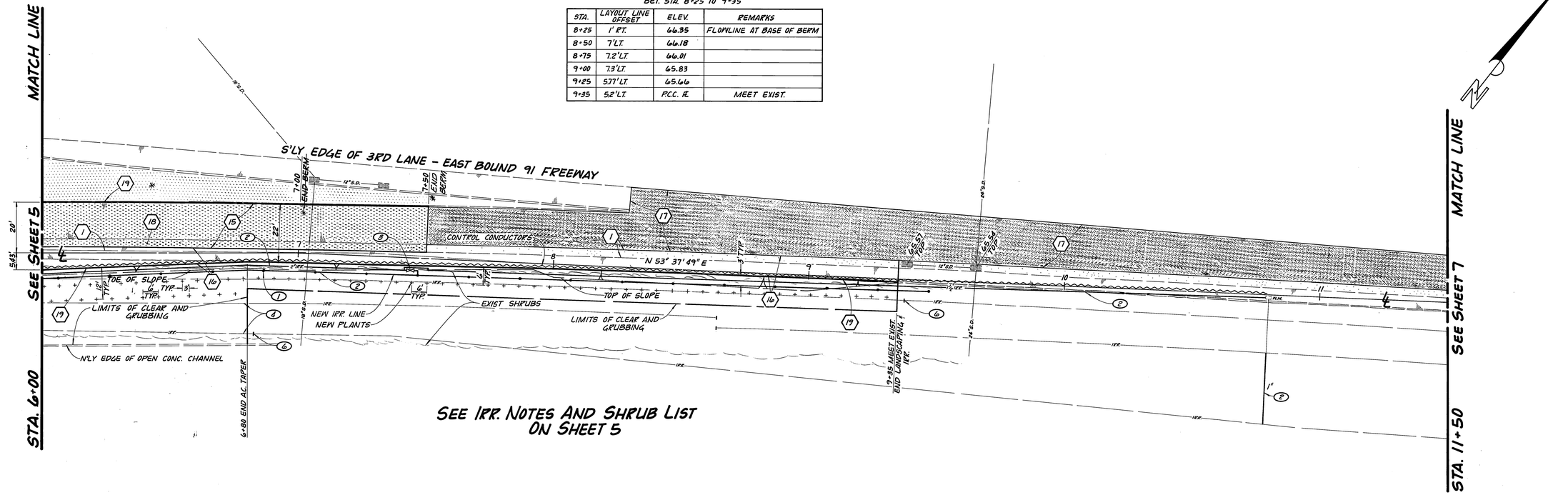
R-2665

SHEET 5 OF 9



FLOWLINE GRADE IN SHOULDER
BET. STA. 8+25 TO 9+35

STA.	LAYOUT LINE OFFSET	ELEV.	REMARKS
8+25	1' RT.	66.35	FLOWLINE AT BASE OF BERM
8+50	7' LT.	66.18	
8+75	7.2' LT.	66.01	
9+00	7.3' LT.	65.83	
9+25	5.77' LT.	65.66	
9+35	5.2' LT.	P.C.C. ℄	MEET EXIST.



SEE IRR. NOTES AND SHRUB LIST
ON SHEET 5

* As built 3/16/87 TL

INDEX UF

MARK	REVISIONS	APPR.	DATE
1	REVISED IRR. SYSTEM PER STATE.		6/18/85

DESIGNED BY Kolf DRAWN BY Dan CHECKED BY

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

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

APPROVED BY William D. Gardner
PUBLIC WORKS DIRECTOR
DATE JUNE 3, 1985

TYLER STREET WIDENING AND MEDIAN RELOCATION PHASE II

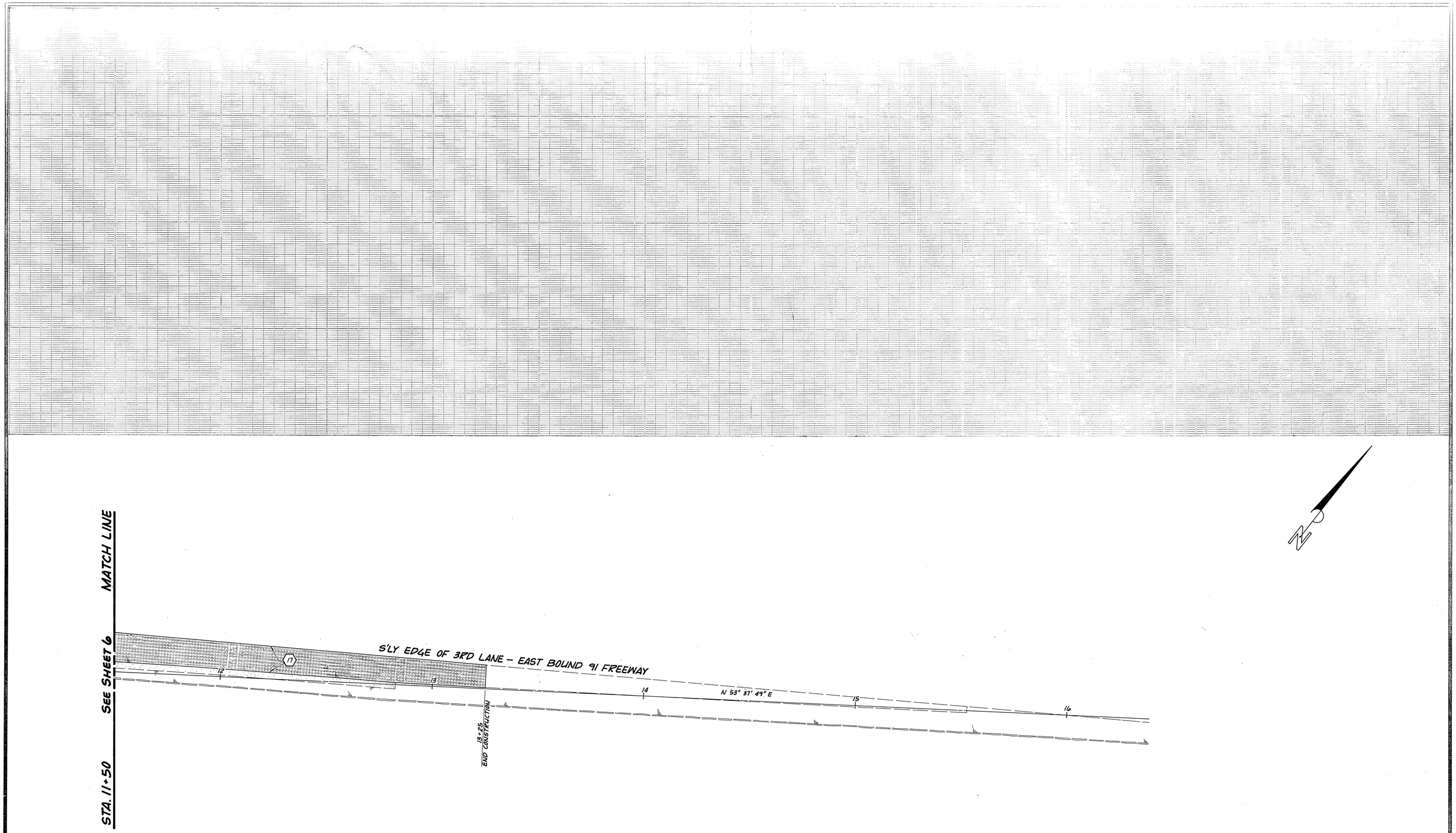
N.E.'LY FREEWAY ON RAMP

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

ACCOUNT NO. 30-575-309-06

R-2665

SHEET 6 OF 9



* As built 3/16/87 TE

INDEX WP

MARK	REVISIONS	APPR.	DATE

DESIGNED BY [illegible] DRAWN BY [illegible] CHECKED BY [illegible]

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

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

APPROVED BY William D. Gardner
PUBLIC WORKS DIRECTOR

DATE June 3, 1985

TYLER STREET WIDENING AND MEDIAN RELOCATION PHASE II

N.E.'LY FREEWAY ON RAMP

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

ACCOUNT NO. 30-575-309-06

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SHEET 7 OF 9

MISSING SHEET

MISSING SHEET