RIVERSIDE CALIFORNIA

CITY OF RIVERSIDE — INCORPORATED 1883 — CALIFORNIA

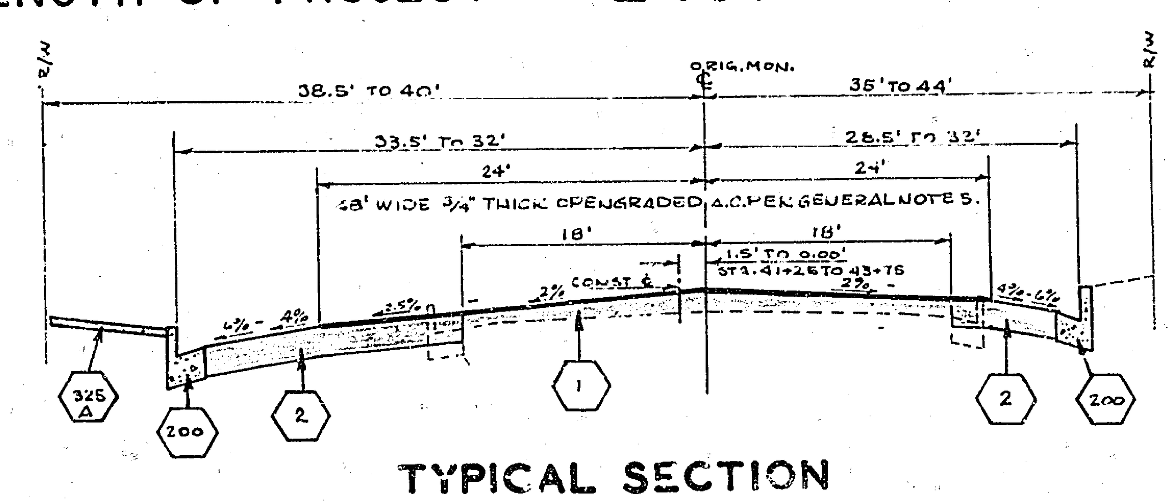
PUBLIC WORKS DEPARTMENT
BROCKTON AVENUE WIDENING
MAGNOLIA AVENUE TO JURUPA AVENUE

LENGTH OF PROJECT = 2460 Feet = 0.47 Mile

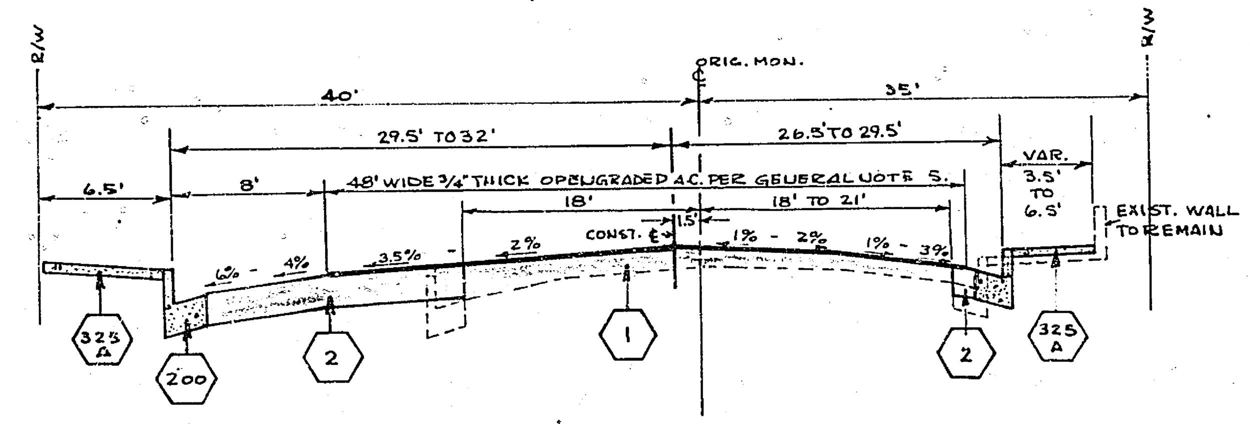
CONSTRUCTION LEGEND

MATCH EXIST. DEPRESS BACK OF D/W IF NECESSARY

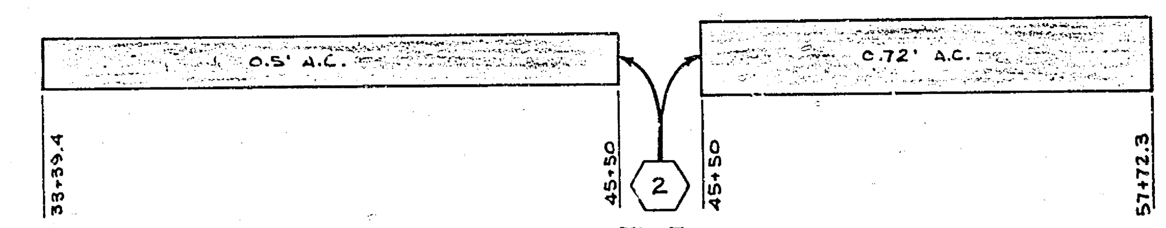
- (200) CONST. CURB AND GUTTER PER STD. DWG. 200. CURB FACE AS NOTED ON CURB PROFILES.
- (302) CONST. DRIVEWAY APPROACH PER STD. DWG. 302. DIMENSION AS SHOWN ON THE PLAN. STATIONS SHOWN ON PLAN ARE ±2'.
- (325 A) CONST. CURB SIDEWALK PER STD. DWG. 325-A BACK OF SIDEWALK TO MEET EXIST. SIDEWALK AT SAWCUTS TO LIMITS SHOWN ON PLAN.
- (350 A) CONST. ℞ SIDEWALK PER STD. DWG. 350-A BACK OF SIDEWALK TO MEET EXIST. SURFACE.
- (405) CONST. CATCH BASIN PER STD. DWG. 405. OPENING AND "V" AS SHOWN ON PLAN.
- (425) CONST. CLEANOUT BOX PER STD. DWG. 425 AND AS SHOWN IN DETAILS AS SPECIFIED.
- (1) OVERLAY EXIST. PAVEMENT WITH VARIABLE THICKNESS OF ASPHALT CONCRETE.
- (2) PLACE ASPHALT CONCRETE PAVEMENT PER ALTERNATES SHOWN IN STRUCTURAL SECTION SCHEDULE ON THIS SHEET.
- (3) (0.3' A.C. / 0.5' P.C.C. / DIRT) REPLACE OR REGRADE AREA TO ELEVATIONS FURNISHED BY ENGINEER. MATERIAL AS SHOWN ON PLAN.
- (4) ADJUST EXIST. MANHOLE TO GRADE.
- (L) INDICATES LIMITS OF CONSTRUCTION.
- (R/I) REMOVE EXIST. TREE. "I" INDICATES TREE DIAMETER OF 6" TO 18". "II" INDICATES TREE DIA. OF 18" TO 36". "III" INDICATES TREE DIAMETER OF OVER 36". TREES WITH DIAMETERS LESS THAN 6" SHALL BE REMOVED AS PART OF CLEARING & GRUBBING.
- (STA.) LEAVE 8" DIAM. HOLE IN PROPOSED SIDEWALK FOR STREET SIGNS. CENTER OF HOLE TO BE 2' FROM CURB FACE AT STATIONS SHOWN ON PLAN.
- PROPOSED TELEPHONE CONDUIT TO BE INSTALLED AT TIME OF STREET CONSTRUCTION.
- PROPOSED STORM DRAIN PIPES TO BE INSTALLED AS PART OF THE STREET CONSTRUCTION.
- CONST. DISINTEGRATED GRANITE WALKWAY (90% RELATIVE COMPACTION) WIDTH SHOWN ON PLAN.



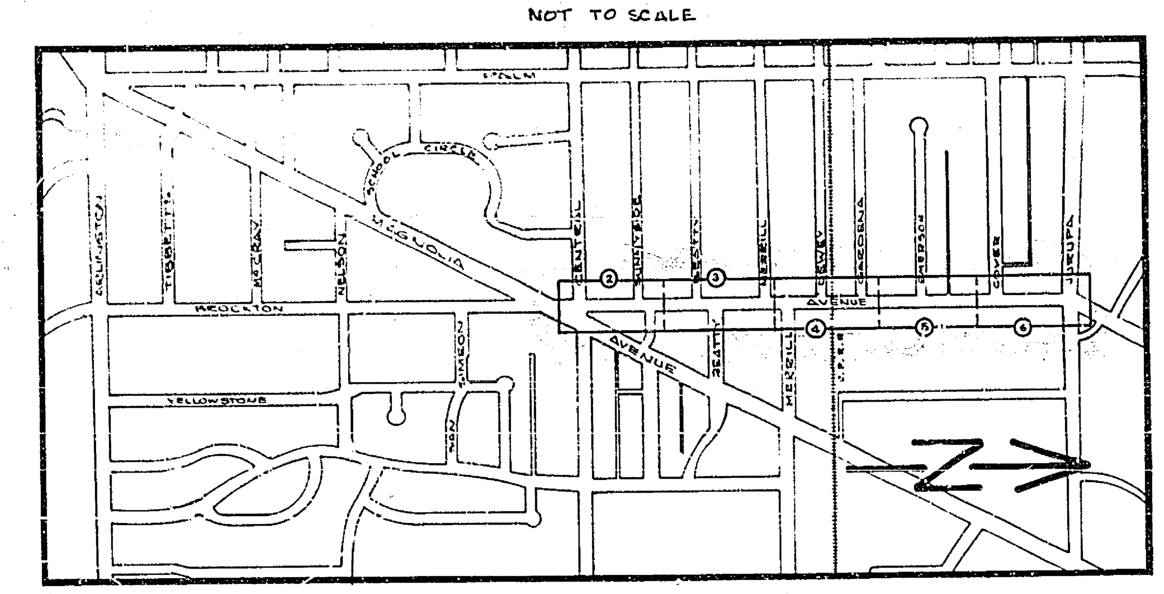
TYPICAL SECTION
STA. 41+25 TO STA. 56+65.5
NOT TO SCALE



TYPICAL SECTION
STA. 34+50 TO STA 41+25
NOT TO SCALE



STRUCTURAL SECTION SCHEDULE
NOT TO SCALE



PROJECT LOCATION MAP
SCALE: 1" = 800'

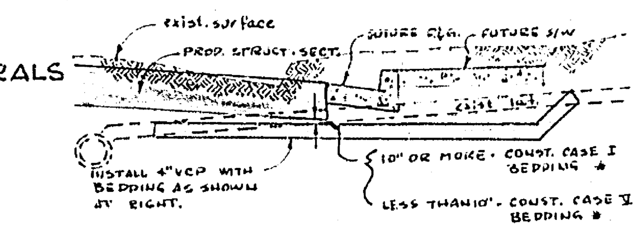
GENERAL CONSTRUCTION NOTES

1. WHERE NEW CONSTRUCTION IS INDICATED:
   a) CLEAR AND GRUB
   b) REMOVE CURB, GUTTER AND SIDEWALK.
   c) REMOVE ALL A.C. PAVEMENT EXCEPT WHERE OVERLAY OF EXISTING PAVEMENT IS SHOWN ON PLAN.
   d) RIGHTS OF ENTRY FOR WORK ON PRIVATE PROPERTY HAVE BEEN OBTAINED.
2. CURB AND GUTTER, SIDEWALK AND DRIVEWAY REMOVAL SHALL BE TO THE LIMITS SHOWN ON THE PLAN OR TO THE NEAREST CONSTRUCTION JOINT BEYOND THE PLAN LIMITS.
3. TRANSITION NEW CONSTRUCTION TO MEET EXISTING AS DIRECTED BY THE ENGINEER.
4. EXISTING DRAIN PIPES THROUGH THE CURB SHALL BE CUT BACK OR RECONSTRUCTED TO EXIT THROUGH NEW CURB.
5. PLACE OPENGRADED ASPHALT CONCRETE AS SHOWN ON TYPICAL SECTIONS AND AS DIRECTED BY THE ENGINEER.
6. ALL TRAFFIC SIGNS IN AREA OF CONSTRUCTION SHALL BE SALVAGED BY THE CONTRACTOR AND TURNED OVER TO THE CITY OF RIVERSIDE PUBLIC SERVICE DEPARTMENT. STREET NAME SIGNS SHALL BE RELOCATED BY THE CONTRACTOR WHERE DESIGNATED ON THE PLAN BY: ● AND SHALL BE SET PER STD. 666. IN AREAS OF NEW CONCRETE, THE SIGNS SHALL BE PLACED IN 8" DIAMETER HOLES LEFT PER (STA.) ABOVE.
7. CONTRACTOR TO EXPOSE EXIST. STORM DRAIN STUBS FOR VERIFICATION OF ELEVATIONS PRIOR TO ISSUANCE OF GRADE SHEETS FOR CONNECTOR PIPES. FORM 6" THICK CONCRETE COLLAR WHERE MEETING EXIST. STUB. CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR REPLACE IN KIND AT HIS OWN EXPENSE ANY CULVERTS DAMAGED BY HIS CONSTRUCTION.
8. SPRINKLERS SHALL BE CUT AND SEALED AT THE PROPERTY LINE WHERE SHOWN ON THE PLANS OR REQUIRED BY THE ENGINEER.
9. THESE PLANS ARE FOR STREET CONSTRUCTION ONLY. STREET LIGHTS SHALL BE CONSTRUCTED FROM THE ATTACHED PLAN, NO. LS-4842.

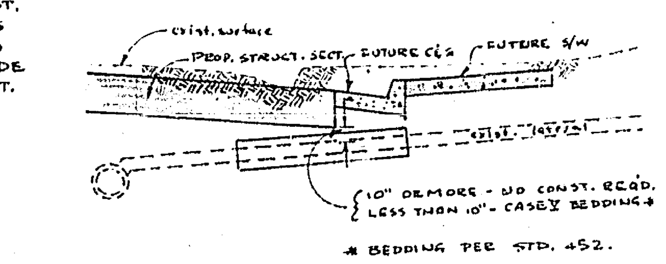
CONFLICTING SEWER LATERALS

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

NOT TO SCALE

EXISTING CULTURE & UNDERGROUND LEGEND

EXISTING UNDERGROUND UTILITIES

SANITARY SEWER	—— 8"VCP —— S ——	TELEPHONE CONDUIT	—— T —— T ——
WATER LINE	—— 6"CI —— W ——	ELECTRICAL CONDUIT	—— E —— E ——
STORM DRAIN	—— 24" RCP—SD ——	STREET LIGHTING	—— SL —— SL ——
CULVERT	—— 15"CONC—— C ——	TRAFFIC SIGNAL	—— SIG —— SIG ——
IRRIGATION LINE	—— 20" —— IRR ——	FIRE ALARM	—— F —— F ——
GAS LINE	—— 3"M —— G ——	ABANDONED UTILITY	– – – – – –

EXISTING TOPOGRAPHY

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

- Ⓢ SANITARY SEWER MH
- © SANITARY SEWER CLEANOUT
- Ⓓ STORM DRAIN MH
- (I) IRRIGATION WEIR
- Ⓦ WATER MH
- Ⓖ GAS MH
- Ⓔ ELECTRIC MH
- Ⓣ [T] TELEPHONE MH OR VAULT
- O POWER POLE
- O--- GUY POLE
- O---› POLE & GUY ANCHOR
- □PB PULL BOX
- TRAFFIC SIGN
- PARKING METER
- FIRE ALARM BOX
- RAILROAD TRACKS
- RAILROAD SIGN
- RAILROAD SIGNAL
- STREET LIGHT
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL ON MAST ARM
- TRAFFIC CONTROL BOX
- TRAFFIC SIGNAL DETECTOR
- O.P.C. PEDESTRIAN CONTROL FOR TRAFFIC SIGNAL
- WATER METER
- FIRE HYDRANT
- SPRINKLER HEAD
- WATER VALVE
- GAS VALVE
- HYDRANT OR FAUCET
- GAS METER
- MAIL BOX
- OE ELECTICAL CONDUIT IN CROSS SECTION
- CONCRETE
- ASPHALT
- EDGE OF PAVEMENT
- BUILDING
- UNDERGROUND OR OVERHANGING STRUCTURE
- TREE
- PALM
- SHRUBBERY
- BLOCK WALL
- BOARD FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- TOP OF SLOPE
- TOE OF SLOPE
- DIRECTION OF FLOW

BROCKTON AVE. WIDENING
MAGNOLIA AVENUE TO JURUPA AVENUE

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	[signature]	5/..
PARK DEPARTMENT	[signature]	4-25
TRAFFIC DIVISION	[signature]	[illegible]
CHIEF PUB. WKS. ENGR.	[signature]	5.12

APPROVED BY

DIRECTOR OF PUBLIC WORKS

DATE [illegible]

ACCOUNT Nº 326

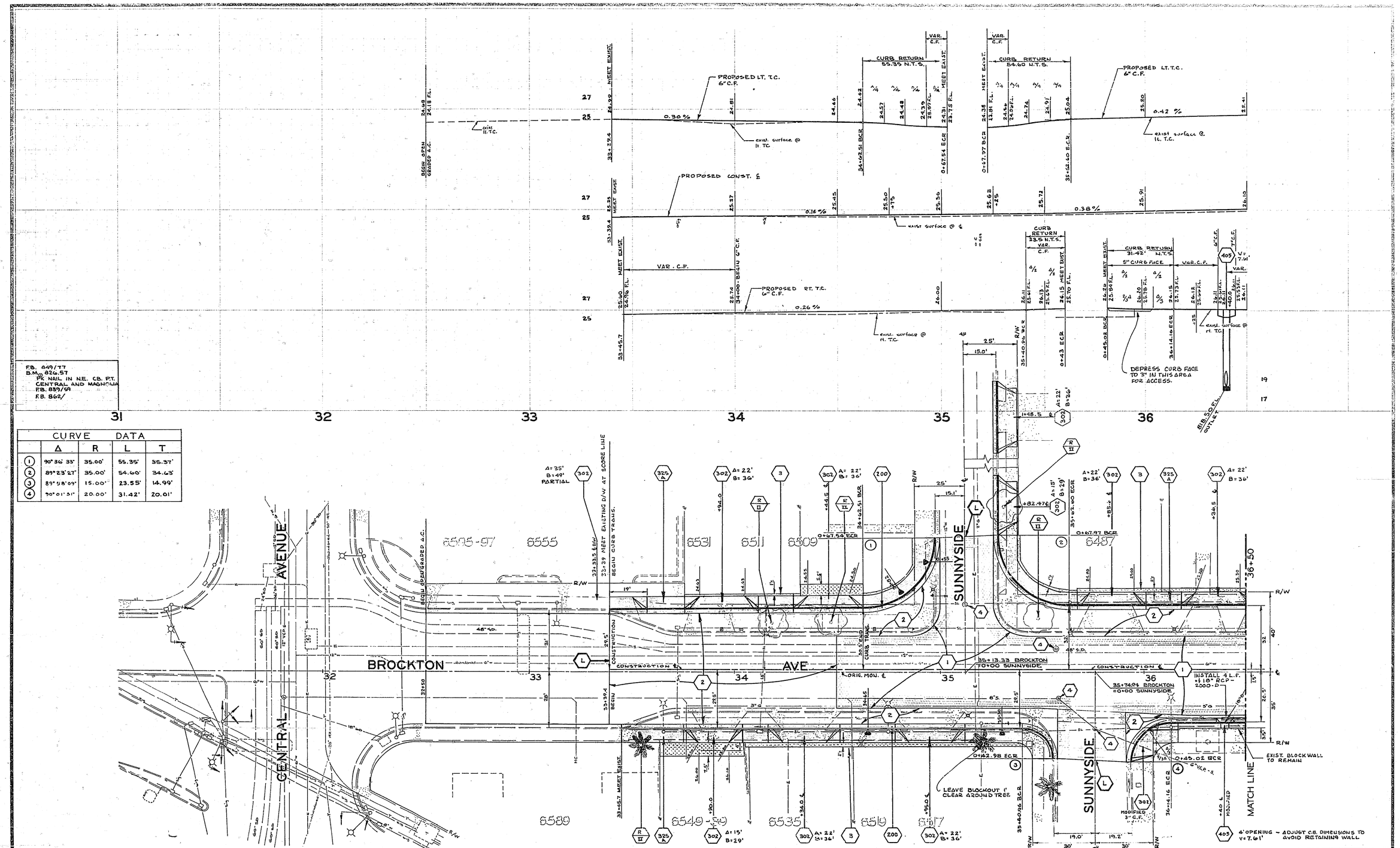
DRAWING NUMBER R-1290

SHEET 1 OF 6

DESIGNED BY L.L.S.T.B. DRAWN BY L.L. CHECKED BY [signature]

F.B. 649/77
B.M. 826.57
PK NAIL IN N.E. CB. P.T.
CENTRAL AND MAGNOLIA
F.B. 859/59
F.B. 862/

CURVE DATA				
	Δ	R	L	T
1	90°36'33"	35.00'	55.35'	35.37'
2	89°23'27"	35.00'	54.60'	34.63'
3	89°58'09"	15.00'	23.55'	14.99'
4	90°01'51"	20.00'	31.42'	20.01'



CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		5-12

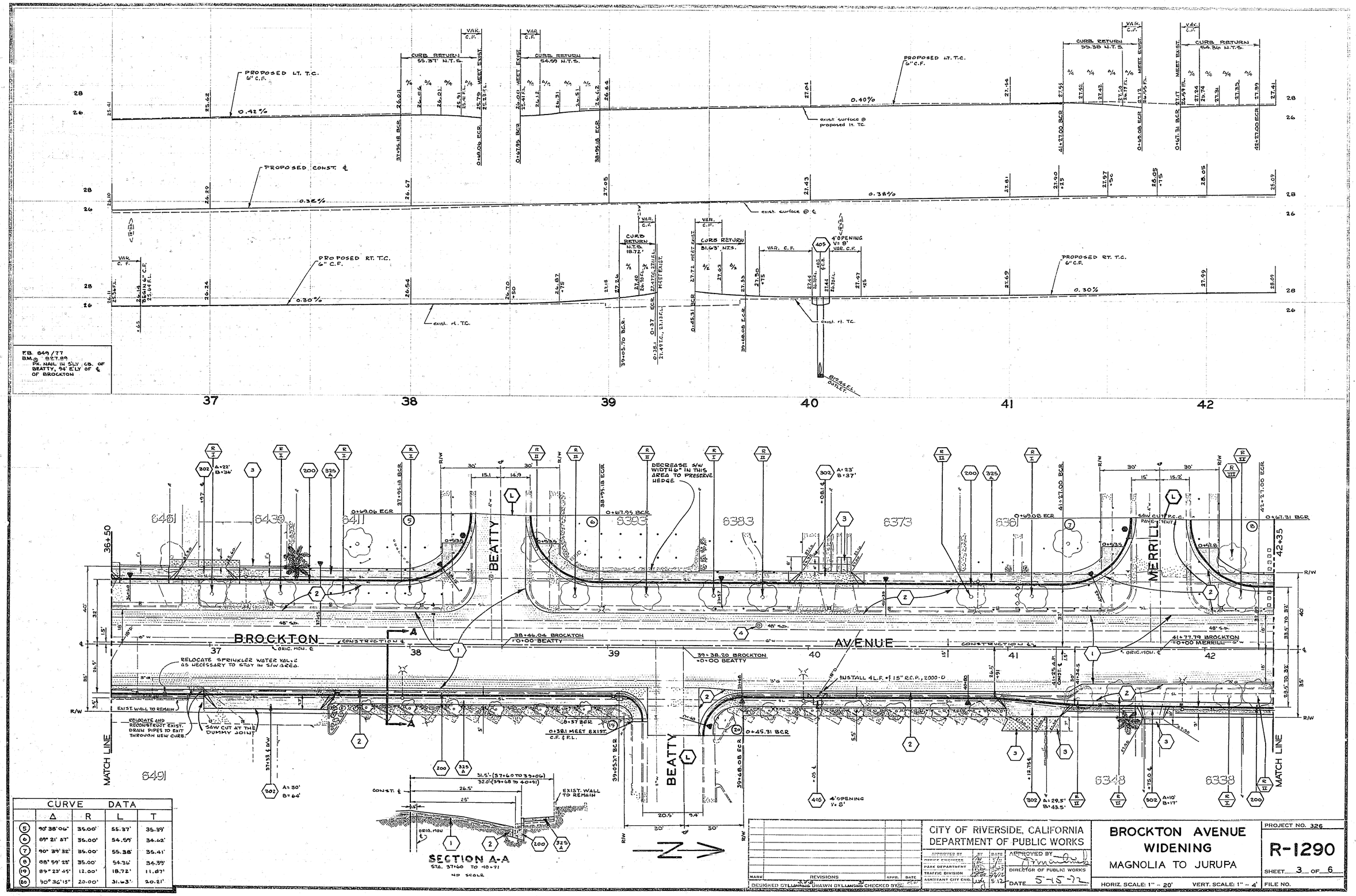
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 5-15-72

MARK	REVISIONS	APPR.	DATE

DESIGNED BY LLWING DRAWN BY LLWING CHECKED BY

BROCKTON AVENUE WIDENING
MAGNOLIA TO JURUPA

PROJECT NO. 326
R-1290
SHEET 2 OF 6
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'
FILE NO.



CURVE DATA				
	Δ	R	L	T
5	90° 38' 06"	35.00'	55.37'	35.39'
6	89° 21' 57"	35.00'	54.59'	34.62'
7	90° 39' 32"	35.00'	55.38'	35.41'
8	88° 59' 23"	35.00'	54.36'	34.39'
19	89° 23' 45"	12.00'	18.72'	11.87'
20	90° 36' 15"	20.00'	31.63'	20.21'

MARK	REVISIONS	APPR.	DATE

DESIGNED BY LLANING DRAWN BY LLANING CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

	BY	DATE
APPROVED BY DESIGN ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 5-15-72

BROCKTON AVENUE WIDENING
MAGNOLIA TO JURUPA

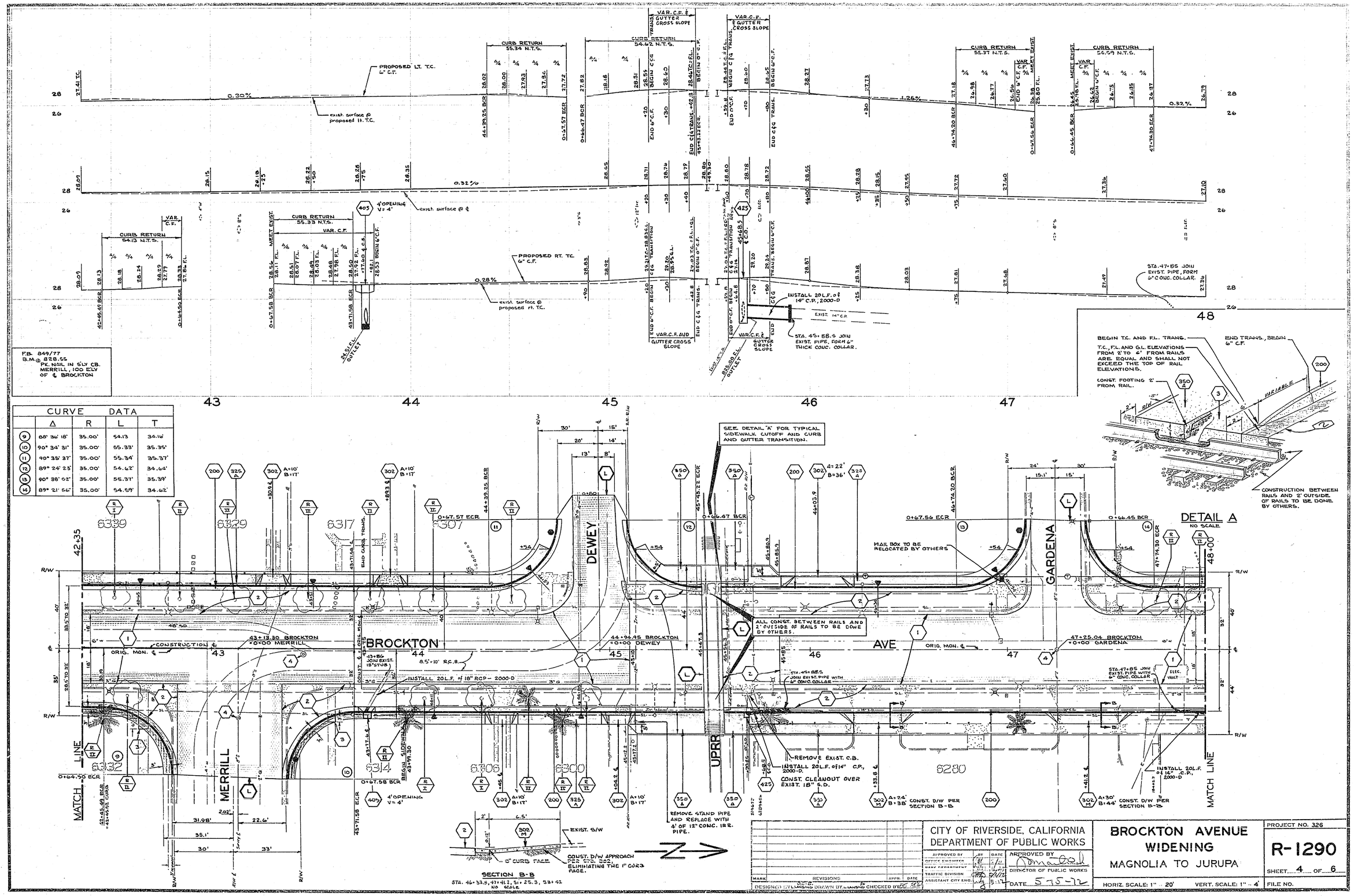
PROJECT NO. 326

R-1290

SHEET 3 OF 6

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

FILE NO.



CURVE DATA				
	Δ	R	L	T
9	88° 36' 18"	35.00'	54.13	34.16'
10	90° 34' 31"	35.00'	55.33'	35.35'
11	90° 35' 37"	35.00'	55.34'	35.37'
12	89° 24' 23"	35.00'	54.62'	34.64'
13	90° 38' 02"	35.00'	55.37'	35.39'
14	89° 21' 54"	35.00'	54.59'	34.62'

MARK	REVISIONS	APPR.	DATE

DESIGNED BY LANSING DRAWN BY LANSING CHECKED BY

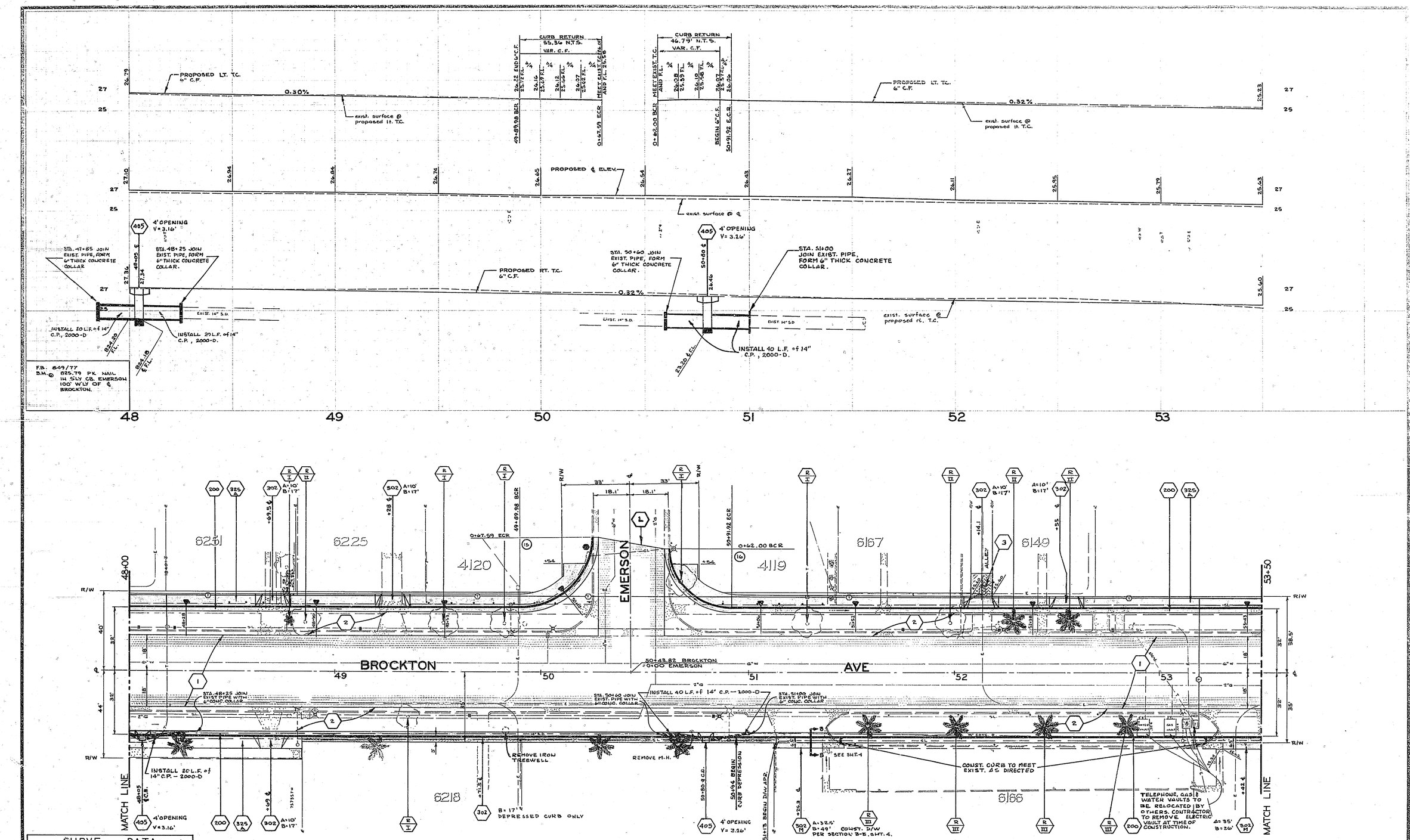
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER		
MAIN DEPARTMENT		
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		5-15

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 5-15-72

BROCKTON AVENUE WIDENING
MAGNOLIA TO JURUPA

PROJECT NO. 326
R-1290
SHEET 4 OF 6
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'
FILE NO.



CURVE DATA				
	Δ	R	L	T
15	90° 27' 57"	35.00'	55.34'	35.39'
16	89° 22' 00"	30.00'	46.79'	29.67'

—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 LAMBING DRAWN BY LAMBING CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

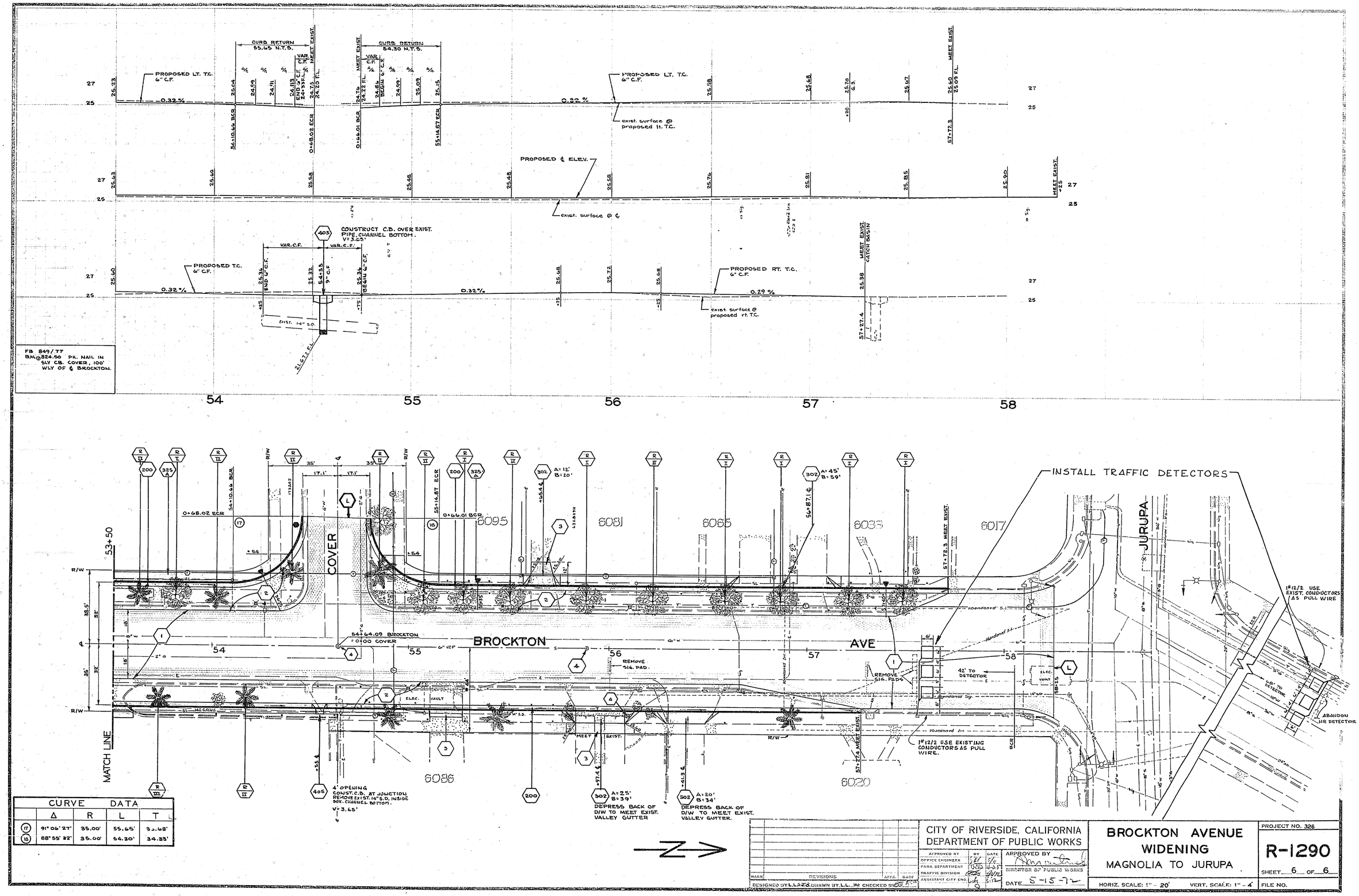
APPROVED BY	BY	DATE
OFFICE ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 5-15-72

BROCKTON AVENUE WIDENING
MAGNOLIA TO JURUPA

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

PROJECT NO. 326
R-1290
SHEET 5 OF 6
FILE NO.



CURVE DATA				
	Δ	R	L	T
17	91° 06' 27"	35.00'	55.65'	35.68'
18	88° 55' 32"	35.00'	54.30'	34.33'

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 5-15-72

MARK | REVISIONS | APPR. | DATE

DESIGNED BY L.L. DRAWN BY L.L. CHECKED BY

BROCKTON AVENUE WIDENING
MAGNOLIA TO JURUPA

PROJECT NO. 326

R-1290

SHEET 6 OF 6

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

FILE NO.