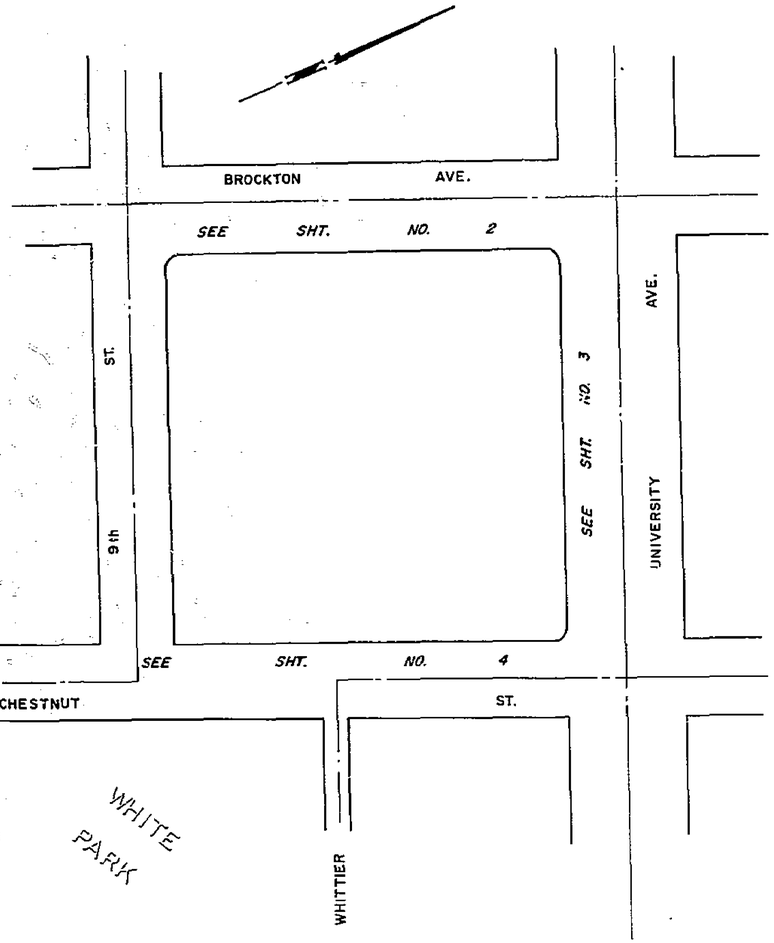
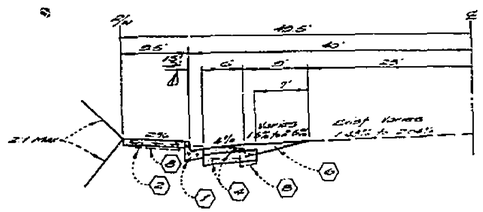
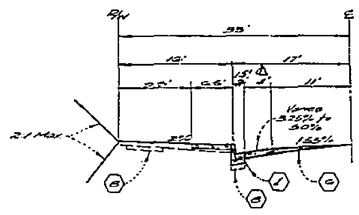


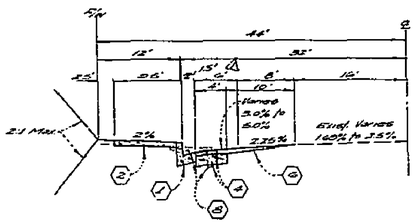
INDEX MAP
No Scale



TYPICAL SECTION
UNIVERSITY AVE.
No Scale
T.I. = 7.5



TYPICAL SECTION
CHESTNUT ST.
No Scale
T.I. = 5



TYPICAL SECTION
BROCKTON AVE.
No Scale
T.I. = 7.5

GENERAL NOTES

1. Construction shall be in accordance with the Standard Specifications for Public Works Construction 1976 Edition and per City of Riverside Standard Drawings
2. All flagged elevations shall be staked in the field by the Engineer.
3. Curb and Gutter to be staked at a 3' offset and at 25' intervals, except when grade is less than 0.30% curb to be staked at 12.5' intervals and 3 rows of #3 rebar placed in the gutter 24' apart. 1" thick dowel pins shall be placed at all expansion joints
4. Trim edge of existing paving to a smooth straight line where new pavement joins. Construct match up paving as shown on plan and overlay paving as directed in the field to produce a smooth section. Engineer estimates overlay to be 200 tons.
5. It shall be the responsibility of the contractor to clear the right of way in accordance with the provisions of the law as it affects each utility including irrigation lines and at no cost to the city
6. Area to be cleared of all existing structures, Trees, Fences, Paving, Curb & Gutter, Sidewalk, etc. to provide for the new construction.
7. Prior to any excavation, contact City of Riverside Water Division, Department (782-5832) and request water service interval removal for each individual service.

CONSTRUCTION NOTES

1. Construct Curb and Gutter per Standard 200 (6"CR) Modified to 18" Wide gutter. ⚠
2. Construct Sidewalk per Standard 320. Width as shown.
3. Construct Wheelchair Ramps per Standard 304.
4. Construct 0.35' A.C. Paving over 0.00' D.G. Base.
5. Construct 0.25' A.C. Paving over 0.50' D.G. Base.
6. Overlay existing paving as shown.
7. Construct Outlet Structure per Standard 410. Mod. for 6" C.F.
8. Remove existing curb & gutter, sidewalk, etc.
9. Construct Tree Wells per Standard 327.
10. Palm trees to be relocated as shown.
11. Palm trees to be relocated to Park Area per Landscape Architect.
12. Palm trees to be relocated on site as shown on Landscape Architects Plan. Landscape plans to be signed by Tree Superintendent.

BENCH MARK

Ref. brass disk stamped (10-B) capped on centerline 7th Street 10' S'ly of centerline Redwood Drive. P.B. 136/20. Elevation: 842.056

SEE SHEET 2 FOR STREET LIGHT NOTES

INDEXED vs. 25.

REDEVELOPMENT AGENCY
Approval for Scope & Concept
Approved By: [signature]
Date: 11-25-75

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA
APPROVED BY [signature] DATE 12-15-75
R.E. No. 21006
W.O. 72-454 FOR: City of Riv. Redev. Agency, C.D. 1&3

MARK	REVISIONS	APPR.	DATE
⚠	MODIFIED TYPICAL SECTIONS AND CONSTRUCTION NOTES & LT. TO 24" GUTTER AS BUILT SEC 11-12-76		

DESIGNED BY: EJT DRAWN BY: JJL CHECKED BY:

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

	BY	DATE
APPROVED BY		
PRINCIPAL ENGINEER	[signature]	6-30
PARK DEPARTMENT	[signature]	6-30
TRAFFIC DIVISION	...	
CHIEF PUB. WKS. ENGR.	[signature]	6-30

APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 7-1-76

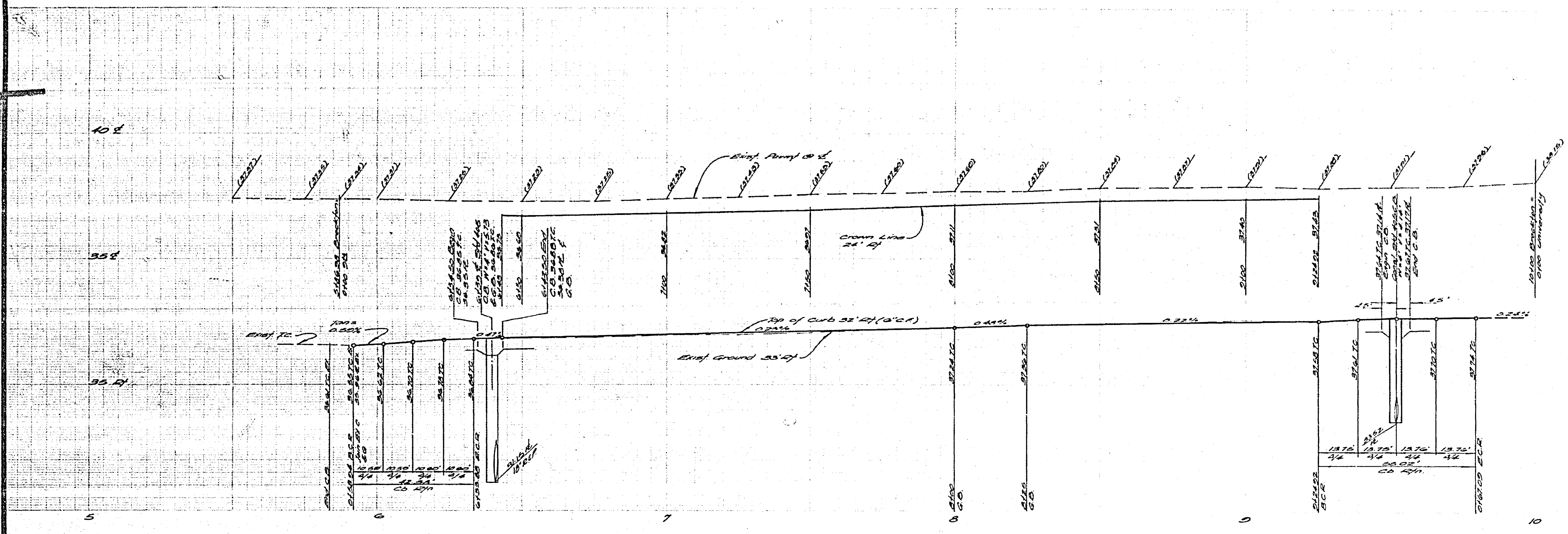
Neighborhood Development Program No. 1

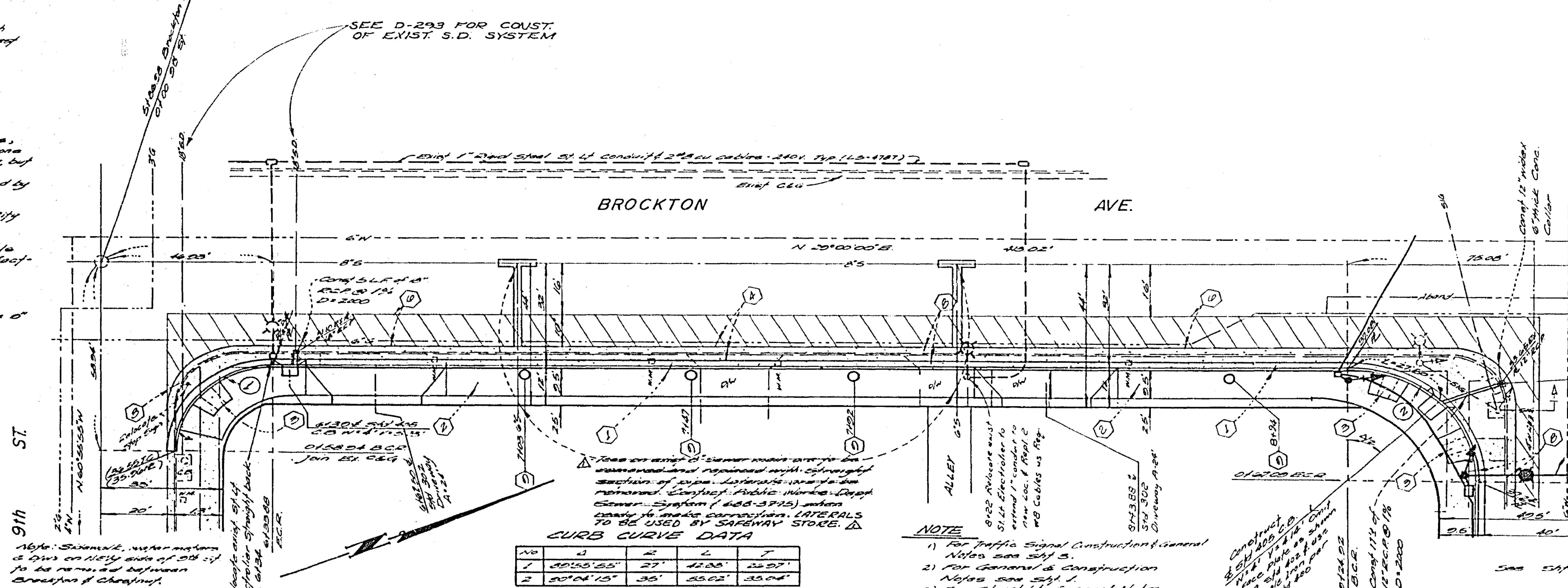
STREET PLAN AND PROFILE

INDEX

SCALE: None

ACCOUNT No.
DRAWING NUMBER
R-1889
SHEET 1 OF 4
72-454-A





SEE D-293 FOR ENTIRE S.D. SYSTEM IN THIS AREA

STREET LIGHT GENERAL CONST. NOTES

1. Install and relocate all street light facilities as shown in accordance with the plans, standard plans and the latest revision of the City of Riverside Public Utilities Department Street Light Specification No 115.
2. Contact Public Utilities Street Light Inspector, Phone No. 787-7420, for required inspections.
3. Excavation for electrolier foundations, pullboxes, and conduits must be done after installation of curb and gutter, but before installation of sidewalks. Foundation locations shall be approved by the engineer prior to excavation.
4. All service points to be connected by City of Riverside.
5. Mark installation date on photo controls and lamps as provided for by manufacturers.
6. Salvage 9 electroliers as shown.
7. Conduit run on University Ave. to be 6" in back of Curb Face and 18" deep.

STREET LIGHT STRUCTURE SCHEDULE

GENERAL INFORMATION					STANDARD PLANS	
Symbol		Description	Size	No. Req'd	Plan No.	Item No.
	Install	Concrete Electrolier Standard (1)	31'-3"	2	USS-800	S-4
	Install	Horizontal Luminaire	400 W	2	"	L-3
	Install	Color Corrected Lamp	400 W	2	"	LA5
	Install	Photo Control	120 V / 240 V	1 / 1	" / "	PC-1 / PC-2
	Relocate	Relocate existing concrete electrolier behind new curb. Extend existing conduit and replace cables as necessary. Install new foundation.	31'-3"	2	USS-800	S-4
▭		Concrete Pullbox	16"x17"	4	USS-800	P-1
——		1" Rigid Steel Conduit with 2-#8 cu. 600v. cable unless noted otherwise.	As shown			

(1) These standards to be equipped with "Fumco" S-10 or "Ameron" CS-10 Luminaire Arms.

CURB CURVE DATA

No	Δ	R	L	T
1	89°55'55"	27'	42.38'	26.97'
2	90°04'15"	35'	55.02'	35.04'

NOTE

1) For Traffic Signal Construction & General Notes see Sht. 3.
2) For General & Construction Notes see Sht. 1.
3) For Street Lt. General Notes See Sht. 2.

BENCH MARK

Fd. brass disk stamped (16-B) capped on ℄ 7th St. 10' E'ly of ℄ Redwood Dr. F.B. 735/50. Elev.: 842.596.

REDEVELOPMENT AGENCY
Approval for Scope & Concept
Approved By: S R Meddleton
Date: 11-25-75

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA
APPROVED BY Brian G. Pogat DATE 10-15-75
R.E. No. 21844
W.O. 72-454 FOR: City of Riv. Redev. Agency F.B. 1018

MARK	REVISIONS	APPR.	DATE
Δ	DELETED SEWER LATERAL REMOVAL GE 11-5-76		

DESIGNED BY ELT DRAWN BY ELT CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		6/30
PARK DEPARTMENT		6/29
TRAFFIC DIVISION		
CHIEF PUB. WKS. ENGR.		
Pub. Util. St. Lt.		

APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 7-1-76

INDEXED

Neighborhood Development Program No. 1

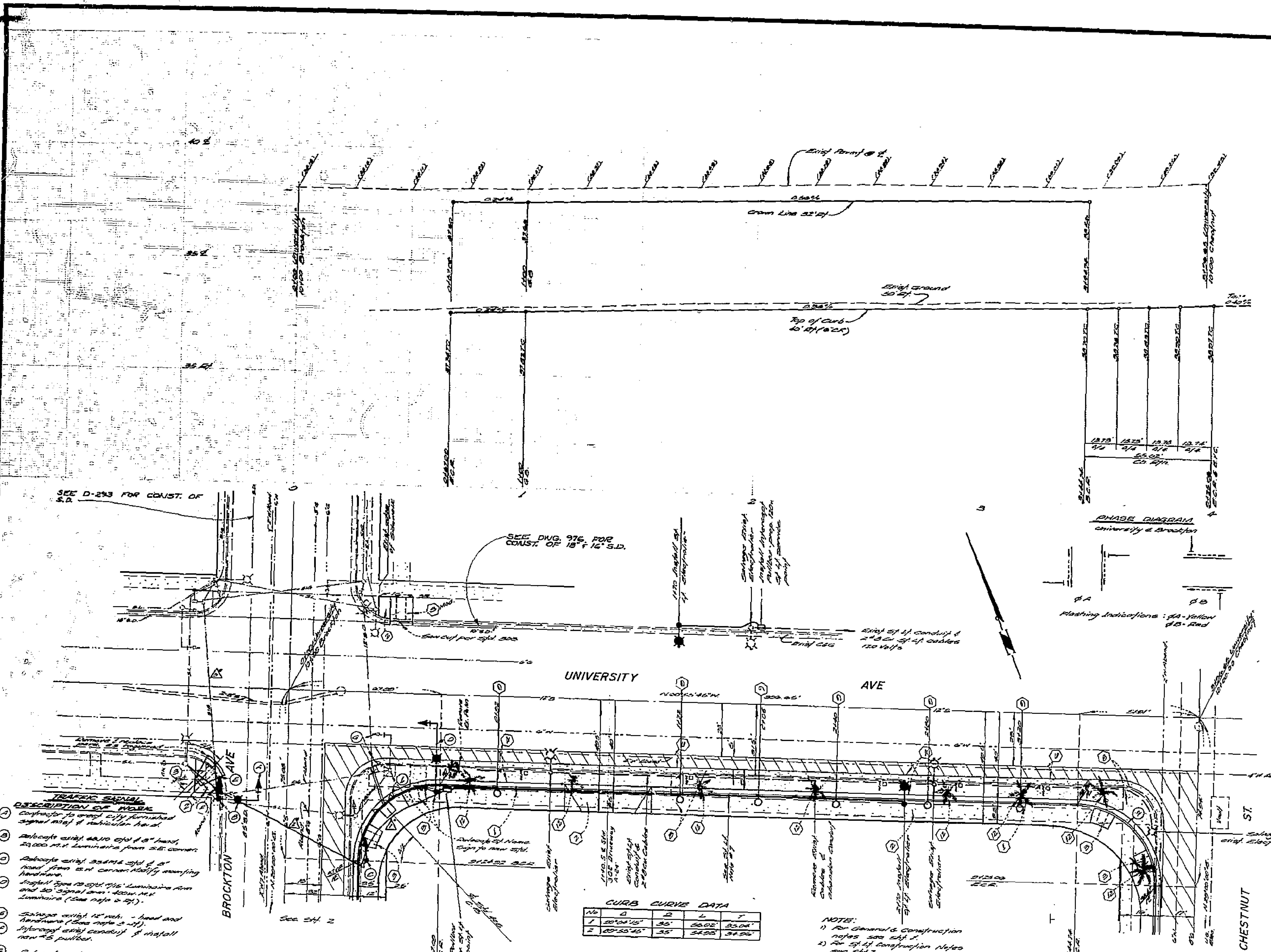
STREET PLAN AND PROFILE

BROCKTON AVE

Between 9th St. and University Ave

SCALE: Horiz: 1"=20' Vert: 1"=2'

ACCOUNT No.
DRAWING NUMBER
R-1889
SHEET 2 OF 4
72-454-A



PHASE DIAGRAM

University & Brockton

ΦA ΦB

Flashing Indications: ΦA - Yellow, ΦB - Red

University & Brockton CONDUCTOR SCHEDULE

Conductor Run *	1				2				3			
Conductors	8	10	12	14	8	10	12	14	8	10	12	14
ΦA								3				3
ΦB				3				3				3
ΦA Ped. (Omit)												1
110v Neutral		1						1				1
Spares				3				3				3
Luminaires	2				2							
Total Conductors	2	1		4	2			8				8
Conduit Size	1½" New 1½"				1½" New 2"				1½"			

* Conduit runs 1-3 shall have new conductors

GENERAL TRAFFIC SIGNAL NOTES

1. All work shall conform to the current provisions of Section 86 of the State Standard Specifications, applicable special provisions, the State Standard Plans, the City of Riverside applicable Standard Drawings and the Street Light Specifications No. 110.
2. All standards and pullboxes will be located in the field by the Traffic Engineer or his representative.
3. Deliver all steel and/or aluminum standards, signal equipment, and luminaires to 3870 Mulberry Street.
4. Refer to City of Riverside Traffic Signal Plans X-136 & X-137 for exist. Signal Lights.
5. Contact Public Work - Traffic Division (phone 787-7366) 48 hours prior to starting construction.
6. Luminaire shall be provided with integral regular type ballast and attached photoelectric control rated for 240v operation. The contractor shall mark installation date on photo control and lamps as provided for by manufacturer.

TRAFFIC SIGNAL DESCRIPTION OF WORK

- (A) Contractor to erect city furnished signal mast & vehicular head.
- (B) Relocate exist. 68,110 std. & 8" head, 20,000 M.V. Luminaire from S.E. corner.
- (C) Relocate exist. 334M6 std. & 8" head from S.W. corner. Modify mounting hardware.
- (D) Install Type 19 Std. 7/15' Luminaire Arm and 30' Signal arm - 400w. M.V. Luminaire (See note 6 Sht.).
- (E) Salvage exist. 12" veh. - head and hardware (See note 3 Sht.).
- (F) Intercept exist. conduit & install new #5 pullbox.
- (G) Relocate existing heads to new Type 19 Std.

CURB CURVE DATA

No	Δ	R	L	T
1	90°04'15"	35'	55.02'	35.04'
2	89°55'45"	35'	54.93'	34.96'

NOTE:
1) For General & Construction notes see sht. 1.
2) For St. Lt. Construction Notes see Sht. 2.

BENCH MARK

Fd. brass disk stamped (16-E) capped on ℄ 7th St. 10' S'ly of ℄ Redwood Dr. F.B. 735/50. Elev. 842.566

REDEVELOPMENT AGENCY
Approval for Scope & Concept
Approved By: D R [signature]
Date: 11-25-75

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA
APPROVED BY [signature] DATE 11-13-75
R.E. No. 21684
W.O. 72-454 FOR: City of Riv. - Redev Agency F.B. 1013

MARK	REVISIONS	APPR.	DATE

DESIGNED BY E.L.T. DRAWN BY E.L.T. CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		6/30
PARK DEPARTMENT		6-70
TRAFFIC DIVISION		
CHIEF PUB. WKS. ENGR.		
Pub. Util. St. Lt.		

APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 7-1-76

INDEXED

Neighborhood Development Program No 1

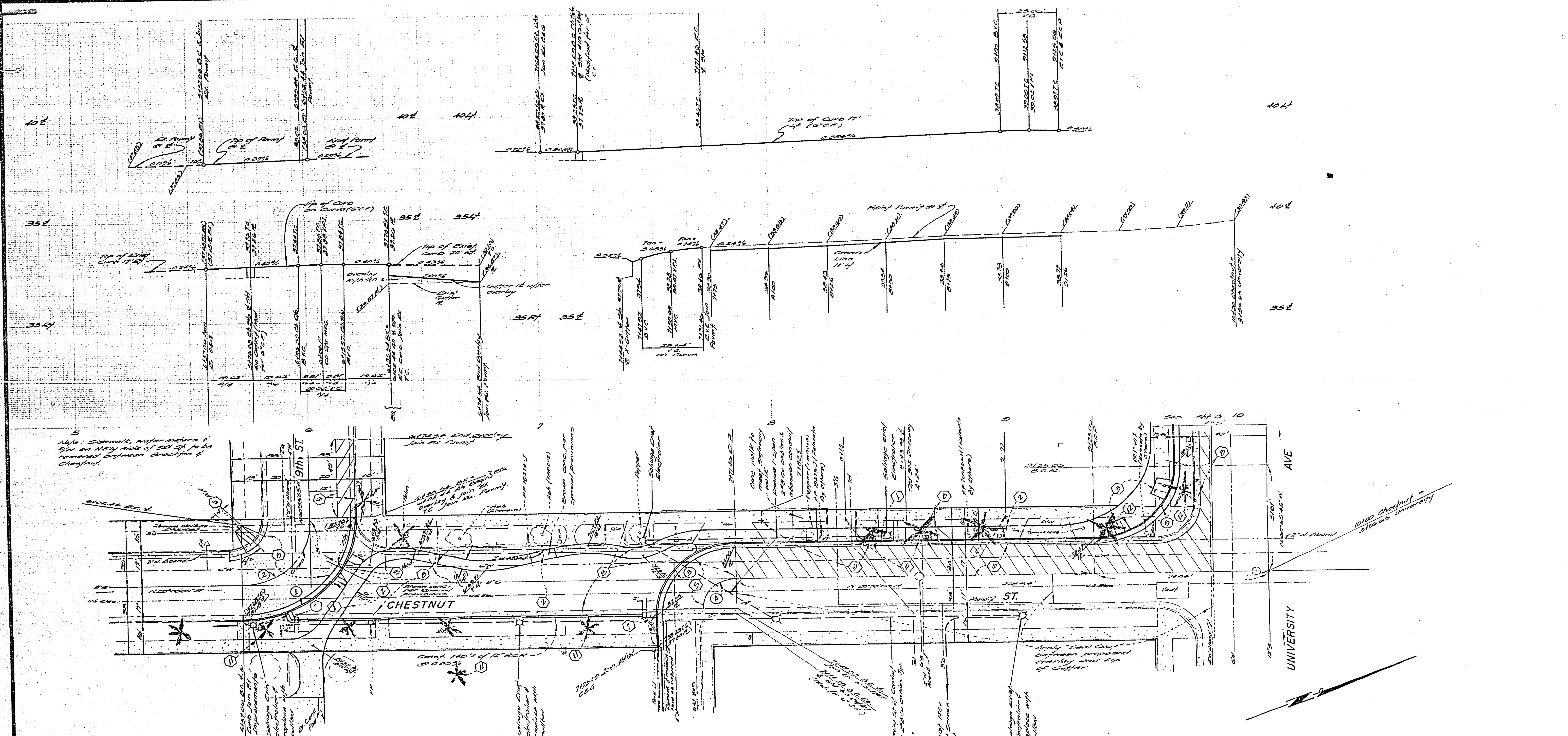
STREET PLAN AND PROFILE

UNIVERSITY AVE.

Between Brockton Ave & Chestnut St.

SCALE: Horiz. 1"=20' Vert. 1"=2'

ACCOUNT No.
DRAWING NUMBER R-1889
SHEET 3 OF 4
72-454-A



CURVE DATA

No.	Δ	R	L	T
1	89°55'55"	50'	78.48'	49.94'
2	89°55'55"	27'	42.38'	26.97'
3	89°55'45"	34'	53.37'	33.96'
4	89°55'45"	15'	23.54'	14.98'
5	89°55'45"	35'	54.93'	34.96'

NOTE:
1) For General & Construction Notes see Sht 1
2) For elevations of sidewalk in Park Area see Landscape Architects Plans.

BENCH MARK
Rd brass disk stamped (12-43) capped on ℄ 7th St. 10' E'ly of ℄ Redwood Drive. F.B. 735/50. Elev. 842.996

—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
Inyo County 714-684-0071 | 714-547-6606
San Bernardino County 714-684-0071 | 714-547-6606
Los Angeles County 213-621-3111 ← 24 HOUR SERVICE
Ventura County 213-621-3111
San Diego County 714-298-0595 | 714-232-0027
FOR FREE CABLE LOCATING SERVICE

REDEVELOPMENT AGENCY
Approval for Scope & Concept
Approved By: D. R. [signature]
Date: 11-25-75

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA
APPROVED BY [signature] DATE 12-5-75
R.E. No. 21894
W.O. 72-454 FOR: City of Riv. Redev. Agency F.B. 1015

MARK | REVISIONS | APPR. | DATE
DESIGNED BY E.V.T. DRAWN BY E.V.T. CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF PUB WKS ENGR.		
PUB. UTIL. ST. LTS.		

APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 2-1-76

INDEXED

Neighborhood Development Program No. 1
STREET PLAN AND PROFILE
CHESTNUT ST.
Between 5th St. & University Ave.
SCALE: Horiz. 1"=20' Vert. 1"=2'

ACCOUNT No.
DRAWING NUMBER
R-1889
SHEET 4 OF 4
72-454-A