GENERAL NOTES

1. 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 appurtenances and at no cost to the City.
2. Construction shall be in accordance with the City of Riverside Department of Public Works, Standard Drawings, and the Standard Specifications for Public Works Construction, 1982 Edition.
3. Trim edge of existing pavement where new pavement joins to a smooth, straight line. Construct match-up paving as shown on the plan and overlay paving as directed in the field to produce a smooth section. The Private Engineer estimates overlay to be 317 tons.
4. Construct driveway approaches per Standard Drawing 302. Exact size and location as shown on plan.
5. Curb and Gutter shall be staked at 25' intervals with 3' offset to curb face unless otherwise noted.
6. Quantities shown are for information only and the City of Riverside is not responsible for their accuracy.
7. See Traffic Signal Plan X-130 for traffic signal facilities.
8. Any traffic control striping obliterated and/or badly worn during construction shall be restored by the contractor within five days after notification from the City Inspectors.
9. Final striping for traffic control and/or pavement marking shall be the responsibility of the contractor.
10. All flagged elevations shall be staked in the field by the [redacted] Engineer.
11. The contractor shall adjust manholes to grade only after paving is completed.
12. The City of Riverside, Water Department, will relocate all fire hydrants, water meters, and other water works required to accomodate this project. The Contractor shall be responsible to coordinate his efforts with those of the Water Department.
13. The Private Engineer signing these plans is responsible for the accuracy and acceptability of the work hereon. In the event of discrepancies arising during construction, the Private Engineer shall be responsible for determining an acceptable solution and revisind the plans for approval by the City.
14. The Contractor shall notify all property owners adjacent to the widening project at least 15 days prior to the beginning of work so that effected owners may salvage signs, irrigation systems, and other items which lie within the newly acquired Right of Way prior to the commencement of work.
15. The Contractor shall maintain "All Weather" access to all effected property during construction.
16. The Contractor shall remove and replace paving which connects drive approaches to driveways and/or parking lots as necessary to produce a smooth transition between new public construction and existing private improvements.
17. The Contractor shall call in a location request to Underground Services Alert (USA), Phone No. 1-800-422-4133, two working days before digging. No construction permit issued by the Public Works Department involving excavation for underground facilities will be valid unless the applicant has been provided an inquiry identification number by U.S.A.
18. See Street Light Drawing L5-4970, Revision No. 2, for street light relocations and cable runs.

NOTE TO UTILITIES

Each utility involved in the relocation and/or adjustment of facilities as a result of this construction project shall prepare cost estimates and/or fee schedules for the three finite areas of funding as indicated in the "Engineer's Estimate". Responsibility for cost and/or fee payment shall be as follows:

AREA ONE: McDonald's Corporation
3035 Chicago Avenue
Riverside, CA, 92507

AREA TWO: Maggard Enterprises, Inc.
3233 Arlington Avenue, Suite 202
Riverside, CA, 92506

AREA THREE: City of Riverside
Public Works Department
3900 Main Street
Riverside, CA, 92522

STRIPING & PAVEMENT MARKINGS

QUANTITY	DESCRIPTION
595 S.F.	Yellow High Visibility Cross Walk
126 S.F.	White Cross Walk
85 L.F.	8" White Borrier Stripe
520 L.F.	Yellow 2-Way Left-turn Stripe
248 L.F.	Dashed White

UNIVERSITY AVENUE WIDENING

EUCALYPTUS TO KANSAS (SOUTH SIDE)

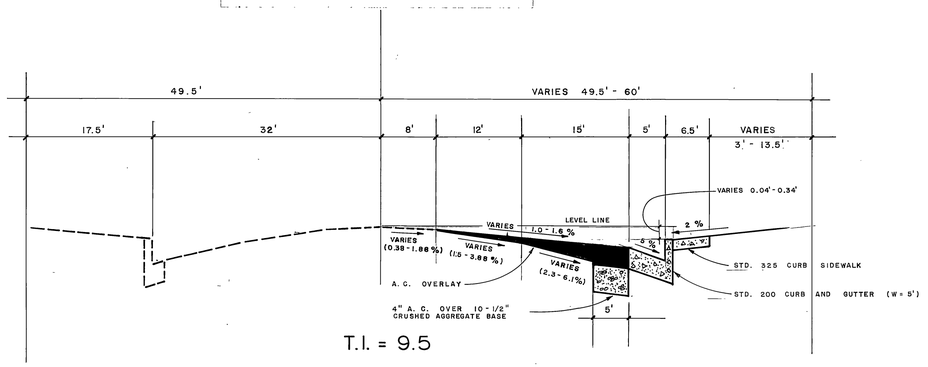
PARK DEPT. GENERAL NOTES

1. All related work shall conform to the City of Riverside, Park and Recreation Department Standards.
2. Contact the Park Projects Inspector a minimum of 48 hours in advance at 714 787-7223 to schedule inspections. Inspections shall be required: a) when plant locations have been spotted in the field prior to digging plant pits; b) while digging plant pits and planting/relocating trees; c) after planting and all other indicated or specified work has been completed for start of maintenance; and d) at the end of maintenance/final acceptance (contractor will be released from maintenance only upon receipt of written notification from the City that the Park and Recreation Department is assuming maintenance responsibilities).
3. The Contractor shall maintain all plantings for a minimum period of one (1) year.
4. Street Tree planting shall be as follows:

	STREET NAME	BOTANICAL NAME/COMMON NAME	MIN. SIZE	APPROX. SPACEING	NO. REQ'D.
a.	University Ave.	Relocate 4 Windmill Palms as indicated on the drawings			
b.	University Ave.	Washingtonia Filifera/ California Fan Palm	24" Box	50'	6
c.	University Ave.	Relocate 1 Washingtonia Palm as indicated on the drawings			

5. A Public Works Department Permit is required prior to commencement of tree relocation and/or removal work. For all trees within the ultimate pavement area, backfill of all holes is to be inspected by the City for proper compaction.

TYPICAL SECTION



T.I. = 9.5

BENCH MARK:
PK N & TAG CENTER OF S.E. CURB RETURN
KANSAS & PENNSYLVANIA H7-H 937.218

QUANTITY ESTIMATE

THIS PROJECT IS BEING FUNDED FROM THREE SEPARATE SOURCES, BUT WILL BE ADMINSTERED BY THE CITY OF RIVERSIDE, PUBLIC WORKS DEPARTMENT, AND PAID FOR AS A SINGLE PROJECT, ACCORDINGLY, THE "[redacted] ESTIMATE OF QUANTITIES" IS BROKEN DOWN INTO THE FINITE AREAS TO BE FUNDED AS FOLLOWS:

AREA ONE: Sta. 115+95.79 to Sta. 119+59.49
AREA TWO: Sta. 119+59.49 to Sta. 121+09.49
AREA THREE: Sta. 121+09.49 to Sta. 123+58.82

ESTIMATE - AREA ONE

ITEM	QUANTITY	
6" Curb and Gutter (W = 5')	349.67	LF
X Gutter and Apron	545.00	SF
Driveway Approach (A = 15')	1	EA
Driveway Approach (A = 35')	1	EA
Curb Sidewalk (W = 6')	1,608.00	SF
PCC Move In		LS
2½" AC Paving / 4" [redacted] Base	725.00	SF
4" AC Paving / 10½" [redacted] Base	1,775.00	SF
Rough Grading	6,120.00	SF
Paving Move In		LS
Clearing Right of Way		LS
AC Overlay (Est. = 150 Tons)	7,920.00	SF
Traffic and Warning Signs	2	EA
Street Name Signs	2	EA
Tree Removal	2	EA
Tree Relocation	4	EA
Street Light Relocation	2	EA
Fire Hydrant Relocation	1	EA
Wheel Chair Ramp	1	EA
Retaining Wall H=(varies) 0' to 2'	28	LF

ESTIMATE - AREA TWO

ITEM	QUANTITY	
6" Curb and Gutter (W = 5')	150.00	LF
Driveway Approach (A = 15')	2	EA
Curb Sidewalk (W = 6')	552.00	SF
PCC Move In		LS
4" AC Paving / 10½" [redacted] Base	750.00	SF
Rough Grading	2,250.00	SF
Paving Move In		LS
Clearing Right of Way		LS
AC Overlay (Est. = 62 Tons)	3,300.00	SF
Tree Removal	4	EA
Street Trees (Lot Frontage)	150	LF
Street Light Relocation	1	EA

ESTIMATE - AREA THREE

ITEM	QUANTITY	
6" Curb and Gutter (W = 5')	192.06	LF
6" Curb and Gutter Transition	55.57	LF
6" Curb and Gutter (W = 2')	29.00	LF
Driveway Approach (A = 15')	1	EA
Driveway Approach (A = 24')	3	EA
Curb Sidewalk (W = 6')	801.00	SF
Property Line Sidewalk (W = 5')	132.00	SF
PCC Move In		LS
4" AC Paving / 10½" [redacted] Base	1,175.00	SF
3" AC Paving / 9" [redacted] Base	57.00	SF
Rough Grading	3,910.00	SF
Paving Move In		LS
Clearing Right of Way		LS
AC Overlay (Est. = 105 Tons)	5,500.00	SF
Tree Removal	1	EA
Tree Relocation	1	EA
Street Light Relocation	1	EA
Traffic Signal Relocation	2	EA
Fire Hydrant Relocation	1	EA
Wheel Chair Ramp	1	EA
Adjust Telephone Manhole to Grade	2	EA
6" Curb only	65	LF

* As built 6-7-88 TE

INDEX MF

PG. 1411

So. Cal. Gas Co. — Daniel C. Stalker — 12-1-83 — APPROVED BY / DATE	City of Riverside, Electric — W. Cohen Johnson — 12/7/83 — APPROVED BY / DATE	STEVEN R. SIMPSON CIVIL ENGINEER 2283 BUSINESS WAY RIVERSIDE, CA., 92501 — STEVEN R. SIMPSON — 8/21/83 — STEVEN R. SIMPSON, R.C.E. 23484 / DATE	CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT
Pacific Telephone — C.A. VanBuskirk — 12/1/83 — APPROVED BY / DATE	City of Riverside, Water — E.L. Hunsaker — 12-7-83 — APPROVED BY / DATE	MARK REVISIONS APPR. DATE — DESIGNED BY SRS DRAWN BY SRS CHECKED BY SRS	APPROVED BY: PRINCIPAL ENGINEER WLC 12/7/83; PARK DEPARTMENT RDC 12-2-83; TRAFFIC DIVISION CWH 12-2-83; CHIEF PUB.WKS.ENGR. WLC 4-2-84; DIRECTOR OF PUBLIC WORKS — DATE 4/9/84

UNIVERSITY AVENUE (S. SIDE) WIDENING
C-20-734, C-16-767, & CITY PARTICIPATION
EUCALYPTUS TO KANSAS

ACCOUNT No.
DRAWING NUMBER R-2558
SHEET 1 OF 3
SCALE:

915' - 40' Rt.

915' - 32' Rt.

915' - CL

915' at 40' Right

915' at 32' Right

915' at Center Line

+50 116+00 +50 117+00 +50 118+00 +50 119+00 +50 120+00 +50

(914.22) FL (914.86) FL (915.98) TC 9100 EUCALYPTUS (1.12 %) (1.36 %) (0.95%) (915.59) FL GR JOIN EXISTING CURB RETURN L = 54.39' PI = 916.44 (916.88) TC 9.00 EUCALYPTUS (916.68) TC 9-25 EUCALYPTUS (916.61) TC 9-50 EUCALYPTUS (916.67) TC MOC (916.67) TC 116+51.40 UNIVERSITY (916.94) TC (917.27) TC (917.79) TC (918.19) TC (918.56) TC (919.20) TC (915.10) AC (915.87) AC (916.70) AC 116+12.46 (916.86) AC (917.37) AC (917.51) AC (917.84) AC (918.13) AC (918.37) AC (918.69) AC (919.23) AC (919.66) AC

(916.98) TC 9100 EUCALYPTUS (916.98) TC TO (916.68) FL JOIN EXISTING 9+25.88 ECR EUCALYPTUS (916.60) TC 3.4 % (916.59) TC 4.12 % (916.64) TC 3.41 % (916.73) TC (916.68) FL ECR 116+64.21 UNIVERSITY (916.83) TC 0.83 % 0.60 % (917.03) TC (917.24) TC (917.44) TC GRADE BREAK (917.59) TC (917.74) TC (917.89) TC (918.04) TC (918.19) TC (918.34) TC (918.49) TC (918.64) TC (918.79) TC (918.94) TC GRADE BREAK (919.19) TC (919.44) TC GRADE BREAK

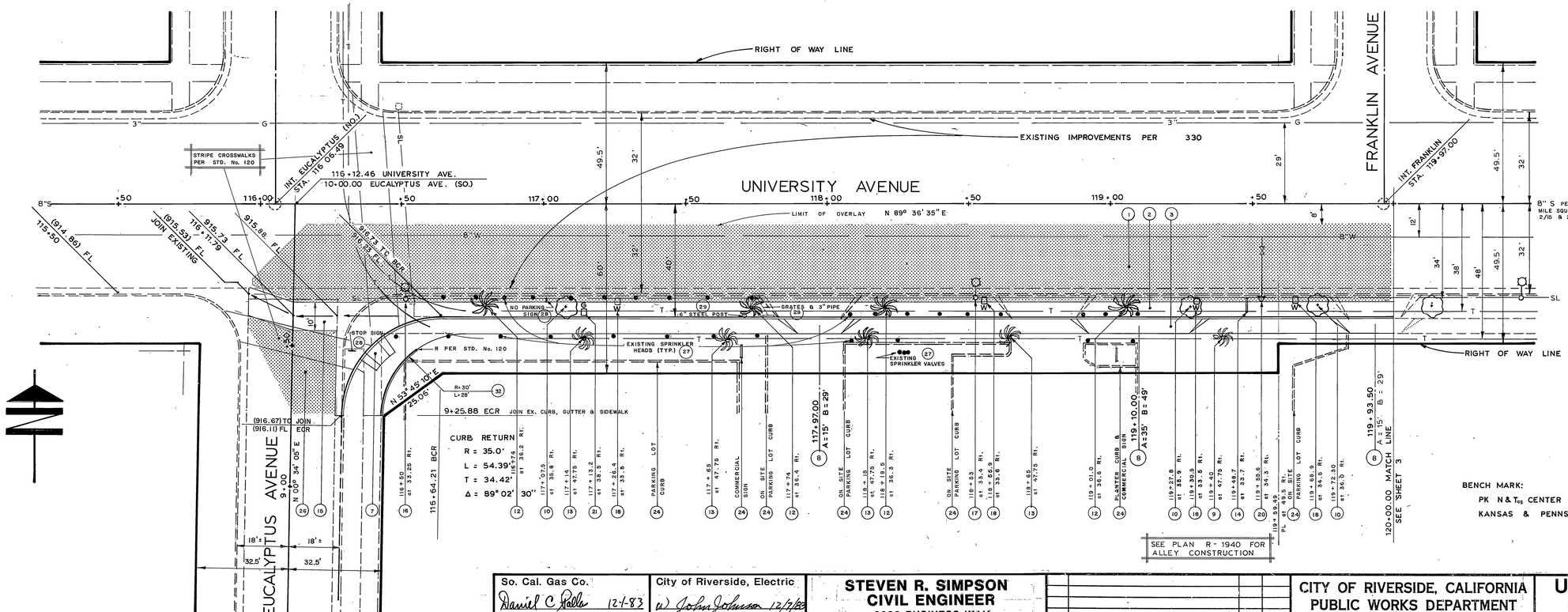
SEE PLAN FOR FL ELEVATIONS

PROPOSED 6" CURB AND GUTTER AT 40' RIGHT

EXISTING GROUND AT PROPERTY LINE (VARIES 49.5' to 60')

EXISTING 9" CURB AND GUTTER AT 32' RIGHT

EXISTING SURFACE AT CENTER LINE



CONSTRUCTION LEGEND

1. Construct typical section shown on sheet #1.
2. Construct City Std. #200 Curb and Gutter with gutter W = 5' (Class II Bikeway), 6" Curb face.
3. Construct City Std. #325 Curb Sidewalk.
4. Construct City Std. #325 Property Line Sidewalk.
5. Construct City Std. #200 , Type I 6" Curb and Gutter.
6. Construct 6" Curb and Gutter transition from W = 5' to W = 2'.
7. Construct City Std. #304 Wheel Chair Ramp.
8. Construct City Std. #302 Drive Approach. (For A & B dimensions, see plan.)
9. Plant Washingtonia filifera Palm tree (24" box).
10. Remove and dispose of existing Shamel Ash tree.
11. Relocate existing Washingtonia filifera Palm tree to Sta. 122+58.00 at 47.75' Rt.
12. Relocate existing "Windmill" Palm tree.
13. New location of relocated "Windmill" Palm tree.
14. Relocate existing street name sign, "KANSAS AVE." behind new sidewalk at same station.
15. Construct City Std. #220 Cross Gutter, W = 10' with added expansion joint and steel dowels at the center line of Eucalyptus Avenue.
16. Relocate existing Street Light [redacted] per Drwg. L5-4970
17. Relocate existing Street Light [redacted] per Drwg. L5-4970

SEE NEXT PAGE FOR ADDITIONAL CONSTRUCTION NOTES

BENCH MARK:
PK N & T_{CG} CENTER OF S. E. CURB RETURN
KANSAS & PENNSYLVANIA H7-H 937.218

So. Cal. Gas Co. — Daniel C. Rolla — APPROVED BY — 12-1-83 DATE

City of Riverside, Electric — w/ John Johnson — APPROVED BY — 12/1/83 DATE

Pacific Telephone — C.A. VanSmorge — APPROVED BY — 12/1/83 DATE

City of Riverside, Water — E. L. Johnson — APPROVED BY — 12-7-83 DATE

STEVEN R. SIMPSON
CIVIL ENGINEER
2283 BUSINESS WAY
RIVERSIDE, CA., 92501
STEVEN R. Simpson 6/21/83
STEVEN R. SIMPSON, R.C.E. 23484 DATE

MARK	REVISIONS	APPR.	DATE

DESIGNED BY SRS DRAWN BY SRS CHECKED BY SRS

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

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

APPROVED BY DIRECTOR OF PUBLIC WORKS
DATE 4/9/84

UNIVERSITY AVENUE
(S. SIDE) WIDENING
C-20-734, C-16-767, & CITY PARTICIPATION
EUCALYPTUS TO KANSAS

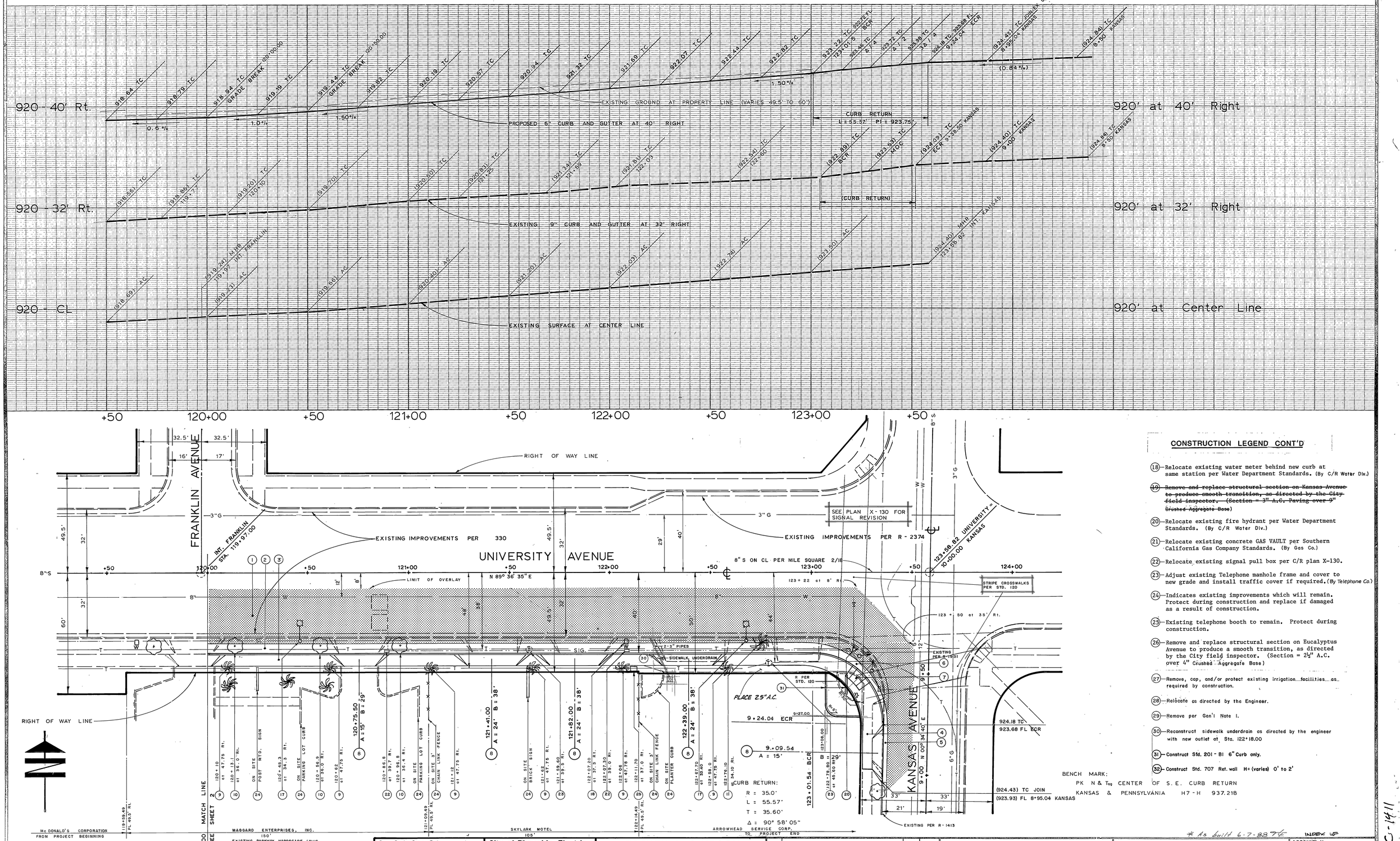
SCALE: HORIZ: 1" = 20' VERT: 1" = 4'

* As built 6-7-83 TC

INDEX UP

ACCOUNT No.
DRAWING NUMBER
R-2558
SHEET 2 OF 3

PC-411



CONSTRUCTION LEGEND CONT'D

(18) Relocate existing water meter behind new curb at same station per Water Department Standards. (By C/R Water Div.)

~~(19) Remove and replace structural section on Kansas Avenue to produce smooth transition, as directed by the City field inspector. (Section = 3" A.C. Paving over 9" Crushed Aggregate Base)~~

(20) Relocate existing fire hydrant per Water Department Standards. (By C/R Water Div.)

(21) Relocate existing concrete GAS VAULT per Southern California Gas Company Standards. (By Gas Co.)

(22) Relocate existing signal pull box per C/R plan X-130.

(23) Adjust existing Telephone manhole frame and cover to new grade and install traffic cover if required. (By Telephone Co.)

(24) Indicates existing improvements which will remain. Protect during construction and replace if damaged as a result of construction.

(25) Existing telephone booth to remain. Protect during construction.

(26) Remove and replace structural section on Eucalyptus Avenue to produce a smooth transition, as directed by the City field inspector. (Section = 2½" A.C. over 4" Crushed Aggregate Base)

(27) Remove, cap, and/or protect existing irrigation facilities as required by construction.

(28) Relocate as directed by the Engineer.

(29) Remove per Gen'l Note 1.

(30) Reconstruct sidewalk underdrain as directed by the engineer with new outlet at Sta. 122+18.00

(31) Construct Std. 201 - B1 6" Curb only.

(32) Construct Std. 707 Ret. wall H= (varies) 0' to 2'

BENCH MARK:
PK N & Tag CENTER OF S.E. CURB RETURN
KANSAS & PENNSYLVANIA H7 - H 937.218

* As built 6-7-88 INDEX UP

So. Cal. Gas Co	City of Riverside, Electric
Daniel C. Ralls 12-1-83	W. John Johnson 12/7/83
APPROVED BY DATE	APPROVED BY DATE
Pacific Telephone	City of Riverside, Water
C.A. VanBrugge 12/1/83	E. L. Hanson 12-7-83
APPROVED BY DATE	APPROVED BY DATE

STEVEN R. SIMPSON
CIVIL ENGINEER
2283 BUSINESS WAY
RIVERSIDE, CA., 92501

Steven R. Simpson 8/21/83
STEVEN R. SIMPSON, R.C.E. 23484 DATE

MARK	REVISIONS	APPR.	DATE

DESIGNED BY SRS DRAWN BY SRS CHECKED BY SRS

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	[illegible]	8/27/83
PARK DEPARTMENT	[illegible]	12/8/83
TRAFFIC DIVISION	[illegible]	12/26/83
CHIEF PUB. WKS. ENGR.	[illegible]	8/6/84

APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 8/9/84

UNIVERSITY AVENUE
(S. SIDE) WIDENING

C-20-734, C-16-767, & CITY PARTICIPATION

EUCALYPTUS TO KANSAS

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

ACCOUNT No.
DRAWING NUMBER
R-2558
SHEET 3 OF 3

PC-1411